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(54) 発明の名称: 分娩後ケトーシスの評価方法

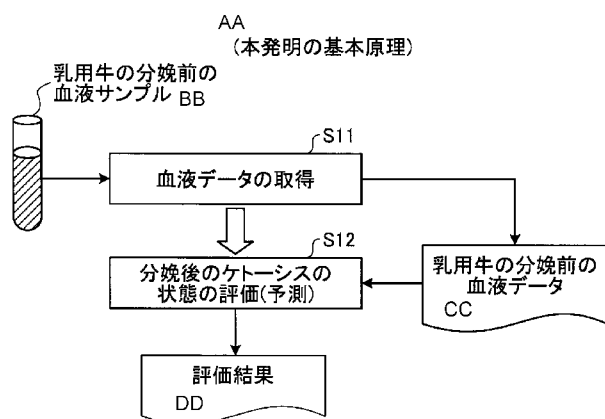


FIG. 1:

S11 Obtain blood data

S12 Evaluate postpartum ketosis status (estimate)

AA (Basic principle of the invention)

BB Antepartum blood sample of dairy cow

CC Antepartum blood data of dairy cow

DD Evaluation results

(57) **Abstract:** The present invention addresses the problem of providing an evaluation method and the like with which highly reliable information relating to postpartum ketosis status can be obtained antepartum. According to the present embodiment, the status of postpartum ketosis in a dairy cow is evaluated using at least one value selected from: the concentration values of 25 amino acids in the antepartum blood of the dairy cow (Ala, Arg, Asn, Asp, BCAA, Cit, Cys, Glu, Gln, Gly, His, Ile, Leu, Lys, Met, 3MeHis, Orn, Phe, Pro, Ser, Tau, Thr, Trp, Tyr, Val); and the test values of 13 biochemicals in the antepartum-blood of the dairy cow (ALB, ALT, AST, BHBA, BUN, Ca, gGTP, Glc, NEFA, T-Bil, TCHO, TG, TP).



BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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- 一 国際調査報告(条約第21条(3))

(57) 要約: 分娩後ケトーシスの状態に関する信頼性の高い情報を分娩前に提供することができる評価方法などを提供することを課題とする。本実施形態では、乳用牛の分娩前の血液中の25種類のアミノ酸(Ala, Arg, Asn, Asp, BCAA, Cit, Cys, Glu, Gln, Gly, His, Ile, Leu, Lys, Met, 3MeHis, Orn, Phe, Pro, Ser, Tau, Thr, Trp, Tyr, Val)の濃度値と13種類の生化学(ALB, ALT, AST, BHB, A, BUN, Ca, gGTP, Glc, NEFA, T-Bil, TCHO, TG, TP)の検査値のうちの少なくとも1つの値を用いて、同乳用牛の分娩後のケトーシスの状態を評価する。

明 細 書

発明の名称：分娩後ケトosisの評価方法

技術分野

[0001] 本発明は、分娩後ケトosisの評価方法、評価装置、評価プログラム、評価システム、及び端末装置に関するものである。

背景技術

[0002] 分娩後3週間の周産期と呼ばれる時期は、乳牛にとって重要な時期である。この時期には、ケトosis・乳熱・胎盤停滞・第四胃変位などの疾病が多く発症する。これらの疾病の中でも、ケトosisは、繁殖成績および乳生産の低下との関連性が報告されている重要な疾患である（非特許文献1）。

[0003] ケトosisの確定診断は、血中 β ヒドロキシ酪酸（BHBA： β -hydroxy butyric acid）濃度に基づいて行われる。分娩後血中BHBA濃度が $3000\mu\text{mol/l}$ 以上を示す場合は顕在性ケトosisと診断され、分娩後血中BHBA濃度が $1200\mu\text{mol/l}$ 以上を示す場合は潜在性ケトosisと診断される。近年、臨床症状から明らかにケトosisと診断される顕在性ケトosisに加えて、明確な症状は示さないものの血中BHBA濃度がある程度高い潜在性ケトosisへの対応が着目されている。これは、従来は、潜在性ケトosisは治療の対象とされていなかった一方で、乳量の減少や繁殖成績の低下などの影響が大きいためである。

[0004] ケトosisを確定診断し治療することを目的として開発された、分娩後血中BHBA濃度を簡易的に測定することができるBHBA簡易測定キットが、農場で用いられている。

[0005] また、ケトosisのリスク診断技術に関する報告は幾つか存在する。例えば、分娩前の血中非エステル型脂肪酸（NEFA：non esterified fatty acid）濃度による分娩後ケトosis診断の可能性が報告されている（非特許文献2）。また、乾乳期から泌乳後期までの各乳期での血中指標の正常範囲を提示し、正常範囲から逸脱した個体をケトosis

スリスク牛として抽出する代謝プロファイルが提唱されている（非特許文献3）。

先行技術文献

非特許文献

[0006] 非特許文献1: T. F. Duffield, K. D. Lissemore, B. W. McBride, and K. E. Leslie, Impact of hyperketonemia in early lactation dairy cows on health and production. J. Dairy. Sci. 92: 571-580 (2009)

非特許文献2: P. A. Ospina, D. V. Nydam, T. Stokol, and T. R. Overton, Evaluation of nonesterified fatty acids and β -hydroxybutyrate in transition dairy cattle in the northeastern United States: Clinical thresholds for prediction of clinical diseases. J. Dairy. Sci. 93: 546-554 (2010)

非特許文献3: K. Kida, The metabolic profile test: Its practicality in assessing feeding management and periparturient diseases in high yielding commercial dairy herds. J. Vet. Med. Sci. 64: 557-563 (2002)

発明の概要

発明が解決しようとする課題

[0007] ここで、分娩後にケトosisとなるリスクを分娩前に予め診断することができれば、例えば、分娩前に予防的な栄養的介入を行うことで、ケトosis発症を低減させ、延いては酪農家の効率的な生産に貢献することができる、と考えられる。

[0008] しかしながら、分娩後にケトosisとなるリスクを分娩前に予め診断することに関し、実際に農場で使われているリスク診断技術は存在しない、という問題点があった。なお、上述したキットは、ケトosisを確定診断し治療することを目的として開発されたものであるため、分娩後にケトosisとな

るリスクを分娩前に予め把握することを目的として用いることはできない。

また、仮に、上述したキットを当該把握を目的として用いたとしても、信頼できる結果を得ることはできない。

[0009] 本発明は、上記に鑑みてなされたもので、分娩後ケトosisの状態に関する信頼性の高い情報を分娩前に提供することができる評価方法、評価装置、評価プログラム、評価システム、及び端末装置を提供することを目的とする。

課題を解決するための手段

[0010] 上述した課題を解決し、目的を達成するために、本発明にかかる評価方法は、乳用牛の分娩前の血液中の25種類のアミノ酸（Ala, Arg, Asn, Asp, BCAA, Cit, Cys, Glu, Gln, Gly, His, Ile, Leu, Lys, Met, 3MeHis, Orn, Phe, Pro, Ser, Tau, Thr, Trp, Tyr, Val）の濃度値と13種類の生化学（生化学パラメータを意味する。具体的には、ALB, ALT, AST, BHBA, BUN, Ca, gGTP, Glc, NEFA, T-Bil, TCHO, TG, TP）の検査値のうちの少なくとも1つの値を用いて、前記乳用牛の分娩後のケトosisの状態を評価する評価ステップを含むこと、を特徴とする。

[0011] ここで、本明細書では各種アミノ酸および血液生化学を主に略称で表記するが、それらの正式名称は以下の通りである。

[0012] （アミノ酸略称） （正式名称）

Ala	Alanine
Arg	Arginine
Asn	Asparagine
Asp	Aspartic acid
BCAA	Branched chain amino acids
Cit	Citrulline
Cys	Cystine

Gln	Glutamine
Glu	Glutamic acid
Gly	Glycine
His	Histidine
Ile	Isoleucine
Leu	Leucine
Lys	Lysine
Met	Methionine
3MeHis	3-Methyl histidine
Orn	Ornithine
Phe	Phenylalanine
Pro	Proline
Ser	Serine
Tau	Taurine
Thr	Threonine
Trp	Tryptophan
Tyr	Tyrosine
Val	Valine

[0013] (血液生化学略称) (正式名称)

ALB	Albumin
ALT	Alanine transaminase
AST	Aspartate Aminotransferase
BHBA	β -Hydroxybutyric acid
BUN	Blood urea nitrogen
Ca	Calcium
gGTP	γ -glutamyltransferase
Glc	Glucose
NEFA	Non esterified fatty acid

T-Bil Total bilirubin

TCHO Total cholesterol

TG Triglyceride

TP Total protein

[0014] また、本発明にかかる評価方法は、前記の評価方法において、前記評価ステップでは、前記少なくとも1つの値が代入される変数を含む式をさらに用いて前記式の値を算出することで、前記乳用牛の分娩後のケトーシスの状態を評価すること、を特徴とする。

[0015] また、本発明にかかる評価方法は、前記の評価方法において、前記式は、分娩経験が前記分娩以外にある経産牛であることを意味する数値および分娩経験が前記分娩以外にない未経産牛であることを意味する数値のいずれかが代入される変数をさらに含むものであること、を特徴とする。

[0016] また、本発明にかかる評価装置は、制御部を備えた評価装置であって、前記制御部は、乳用牛の分娩前の血液中の上記25種類のアミノ酸の濃度値と上記13種類の生化学の検査値のうちの少なくとも1つの値を用いて、前記乳用牛の分娩後のケトーシスの状態を評価する評価手段を備えたこと、を特徴とする。

[0017] また、本発明にかかる評価方法は、制御部を備えた情報処理装置において実行される評価方法であって、前記制御部において実行される、乳用牛の分娩前の血液中の上記25種類のアミノ酸の濃度値と上記13種類の生化学の検査値のうちの少なくとも1つの値を用いて、前記乳用牛の分娩後のケトーシスの状態を評価する評価ステップを含むこと、を特徴とする。

[0018] また、本発明にかかる評価プログラムは、制御部を備えた情報処理装置において実行させるための評価プログラムであって、前記制御部において実行させるための、乳用牛の分娩前の血液中の上記25種類のアミノ酸の濃度値と上記13種類の生化学の検査値のうちの少なくとも1つの値を用いて、前記乳用牛の分娩後のケトーシスの状態を評価する評価ステップを含むこと、を特徴とする。

- [0019] また、本発明にかかる記録媒体は、一時的でないコンピュータ読み取り可能な記録媒体であって、情報処理装置に前記評価方法を実行させるためのプログラム化された命令を含むこと、を特徴とする。
- [0020] また、本発明にかかる評価システムは、制御部を備えた評価装置と、制御部を備えた端末装置とを、ネットワークを介して通信可能に接続して構成された評価システムであって、前記端末装置の前記制御部は、乳用牛の分娩前の血液中の上記25種類のアミノ酸の濃度値と上記13種類の生化学の検査値のうちの少なくとも1つの値に関する血液データを前記評価装置へ送信する血液データ送信手段と、前記評価装置から送信された、分娩後のケトosisの状態に関する評価結果を受信する結果受信手段と、を備え、前記評価装置の前記制御部は、前記端末装置から送信された前記血液データを受信する血液データ受信手段と、前記血液データ受信手段で受信した前記血液データに含まれている前記少なくとも1つの値を用いて、前記乳用牛の分娩後のケトosisの状態を評価する評価手段と、前記評価手段で得られた評価結果を前記端末装置へ送信する結果送信手段と、を備えたこと、を特徴とする。
- [0021] また、本発明にかかる端末装置は、制御部を備えた端末装置であって、前記制御部は、分娩後のケトosisの状態に関する評価結果を取得する結果取得手段を備え、前記評価結果は、乳用牛の分娩前の血液中の上記25種類のアミノ酸の濃度値と上記13種類の生化学の検査値のうちの少なくとも1つの値を用いて、前記乳用牛の分娩後のケトosisの状態を評価した結果であること、を特徴とする。
- [0022] また、本発明にかかる端末装置は、前記の端末装置において、分娩後のケトosisの状態を評価する評価装置とネットワークを介して通信可能に接続して構成されており、前記制御部は、前記乳用牛の分娩前の血液中の前記少なくとも1つの値に関する血液データを前記評価装置へ送信する血液データ送信手段をさらに備え、前記結果取得手段は、前記評価装置から送信された前記評価結果を受信すること、を特徴とする。
- [0023] また、本発明にかかる評価装置は、端末装置とネットワークを介して通信

可能に接続された、制御部を備えた評価装置であって、前記制御部は、前記信端末装置から送信された、乳用牛の分娩前の血液中の上記 25 種類のアミノ酸の濃度値と上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値に関する血液データを受信する血液データ受信手段と、前記血液データ受信手段で受信した前記血液データに含まれている前記少なくとも 1 つの値を用いて、前記乳用牛の分娩後のケトーシスの状態を評価する評価手段と、前記評価手段で得られた評価結果を前記端末装置へ送信する結果送信手段と、を備えたこと、を特徴とする。

発明の効果

[0024] 本発明によれば、乳用牛の分娩前の血液中の上記 25 種類のアミノ酸の濃度値と上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値を用いて、同乳用牛の分娩後のケトーシスの状態を評価するので、分娩後ケトーシスの状態に関する信頼性の高い情報を分娩前に提供することができるという効果を奏する。そして、酪農家は、本発明で提供された情報に基づく予防的な栄養的介入を分娩前に実施することにより、分娩後のケトーシス発症を低減させることが実現可能となる。すなわち、本発明は、酪農家の効率的な生産に貢献するものである。

図面の簡単な説明

[0025] [図1]図 1 は、第 1 実施形態の基本原理を示す原理構成図である。
[図2]図 2 は、第 2 実施形態の基本原理を示す原理構成図である。
[図3]図 3 は、本システムの全体構成の一例を示す図である。
[図4]図 4 は、本システムの全体構成の他の一例を示す図である。
[図5]図 5 は、本システムの評価装置 100 の構成の一例を示すブロック図である。
[図6]図 6 は、血液データファイル 106 a に格納される情報の一例を示す図である。
[図7]図 7 は、BHB A 状態情報ファイル 106 b に格納される情報の一例を示す図である。

[図8]図8は、指定B H B A状態情報ファイル1 0 6 cに格納される情報の一例を示す図である。

[図9]図9は、式ファイル1 0 6 d 1に格納される情報の一例を示す図である。

[図10]図1 0は、評価結果ファイル1 0 6 eに格納される情報の一例を示す図である。

[図11]図1 1は、評価部1 0 2 dの構成を示すブロック図である。

[図12]図1 2は、本システムのクライアント装置2 0 0の構成の一例を示すブロック図である。

[図13]図1 3は、本システムのデータベース装置4 0 0の構成の一例を示すブロック図である。

発明を実施するための形態

[0026] 以下に、本発明にかかる評価方法の実施形態（第1実施形態）、及び、本発明にかかる評価装置、評価方法、評価プログラム、記録媒体、評価システム及び端末装置の実施形態（第2実施形態）を、図面に基づいて詳細に説明する。なお、本発明はこれらの実施形態により限定されるものではない。

[0027] [第1実施形態]

[1-1. 第1実施形態の概要]

ここでは、第1実施形態の概要について図1を参照して説明する。図1は第1実施形態の基本原理を示す原理構成図である。

[0028] まず、評価対象である乳用牛から採取した分娩前（例えば分娩予定日から一定期間前など）の血液（例えば血漿、血清などを含む）中の上記25種類のアミノ酸の濃度値および上記13種類の生化学の検査値のうちの少なくとも1つの値（上記25種類のアミノ酸の濃度値と上記13種類の生化学の検査値から選ばれる任意の1つ又は2つ以上の値）を含む血液データを取得する（ステップS11）。

[0029] なお、ステップS11では、例えば、濃度値または検査値の測定を行う企業等が測定した血液データを取得してもよい。また、評価対象から採取した

分娩前の血液から、例えば以下の（Ａ）、（Ｂ）、または（Ｃ）などの測定方法により濃度値または検査値を測定することで、血液データを取得してもよい。ここで、濃度値の単位は、例えばモル濃度、重量濃度又は酵素活性であってもよく、これらの濃度に任意の定数を加減乗除することで得られるものでもよい。

（Ａ）採取した血液サンプルを遠心することにより血液から血漿を分離する。全ての血漿サンプルは、濃度値の測定時まで－８０℃で凍結保存する。濃度値測定時には、アセトニトリルを添加し除蛋白処理を行った後、標識試薬（３－アミノピリジル－Ｎ－ヒドロキシスクシンイミジルカルバメート）を用いてプレカラム誘導体化を行い、そして、液体クロマトグラフ質量分析計（ＬＣ／ＭＳ）により濃度値を分析する（国際公開第２００３／０６９３２８号、国際公開第２００５／１１６６２９号を参照）。

（Ｂ）採取した血液サンプルを遠心することにより血液から血漿を分離する。全ての血漿サンプルは、濃度値の測定時まで－８０℃で凍結保存する。濃度値測定時には、スルホサリチル酸を添加し除蛋白処理を行った後、ニンヒドリン試薬を用いたポストカラム誘導体化法を原理としたアミノ酸分析計により濃度値を分析する。

（Ｃ）採取した血液サンプルを、膜やＭＥＭＳ技術または遠心分離の原理を用いて血球分離を行い、血液から血漿または血清を分離する。血漿または血清取得後すぐに濃度値の測定を行わない血漿または血清サンプルは、濃度値の測定時まで－８０℃で凍結保存する。濃度値測定時には、酵素やアプタマーなど、標的とするアミノ酸又は生化学と反応または結合する分子等を用い、基質認識によって増減する物質や分光学的値を定量等することにより濃度値を分析する。

[0030] つぎに、ステップＳ１１で取得した血液データに含まれている、上記２５種類のアミノ酸の濃度値および上記１３種類の生化学の検査値のうちの少なくとも１つの値を用いて、評価対象の分娩後（例えば分娩日から一定期間後など）のケトーシスの状態を評価（予測／推定）する（ステップＳ１２）。

なお、ステップS 1 2を実行する前に、ステップS 1 1で取得した血液データから欠損値や外れ値などのデータを除去してもよい。

[0031] これにより、分娩後ケトーシスの状態に関する信頼性の高い情報を分娩前に提供することができる。

[0032] ここで、ステップS 1 2では、上記25種類のアミノ酸の濃度値および上記13種類の生化学の検査値のうちの少なくとも1つの値および当該少なくとも1つの値が代入される変数を含む式を用いて式の値を算出することで、評価対象の分娩後のケトーシスの状態を評価してもよい。また、濃度値または検査値が代入される変数には、濃度値または検査値を例えば後述する手法等で変換した後の値が代入されてもよい。

[0033] また、分娩後のケトーシスの状態を評価する際、上記25種類のアミノ酸の濃度値および上記13種類の生化学の検査値のうちの少なくとも1つの値以外に、例えば、ケトーシス発生に影響を与える以下に挙げた因子に関する値などをさらに用いても構わない。また、式には、上記25種類のアミノ酸の濃度値および上記13種類の生化学の検査値のうちの少なくとも1つの値が代入される変数以外に、例えば、ケトーシス発生に影響を与える以下に挙げた因子に関する値などが代入される変数がさらに含まれていてもよい。

- ・経産か未経産かを意味する産次項（2値変数）

- ・体重、摂食量、ボディコンディションスコア（BCS）、気温、湿度、飼育密度、及び季節

[0034] また、濃度値または式の値を例えば以下に挙げた手法などで変換し、変換後の値を用いて、評価対象の分娩後のケトーシスの状態を評価してもよい。

濃度値または式の値の取り得る範囲が所定範囲（例えば0.0から1.0までの範囲、0.0から10.0までの範囲、0.0から100.0までの範囲、又は-10.0から10.0までの範囲、など）に収まるようにする等のために、例えば、濃度値または式の値に対して任意の値を加減乗除したり、濃度値または式の値を所定の変換手法（例えば、指数変換、対数変換、角変換、平方根変換、プロビット変換、逆数変換、Box-Cox変換、又

はべき乗変換など)で変換したり、また、濃度値または式の値に対してこれらの計算を組み合わせで行ったりすることで、濃度値または式の値を変換してもよい。例えば、濃度値または式の値を指数としネイピア数を底とする指数関数の値(具体的には、分娩後のケトーシスの状態が所定の状態(例えば血中BHB濃度が基準値を超えた状態など)である確率 p を定義したときの自然対数 $\ln(p/(1-p))$)が濃度値または式の値と等しいとした場合における $p/(1-p)$ の値)をさらに算出してもよく、また、算出した指数関数の値を1と当該値との和で割った値(具体的には、確率 p の値)をさらに算出してもよい。

また、特定の条件のときの変換後の値が特定の値となるように、濃度値または式の値を変換してもよい。例えば、感度が95%のときの変換後の値が5.0となり且つ感度が80%のときの変換後の値が8.0となるように濃度値または式の値を変換してもよい。

また、濃度値に関しては、アミノ酸ごとに、濃度分布を正規分布化した後、平均50、標準偏差10となるように濃度値を偏差値化してもよい。また、式の値に関しては、平均50、標準偏差10となるように式の値を偏差値化してもよい。

なお、上述したこれらの変換は、検査値に対し適用してもよい。

[0035] また、モニタ等の表示装置又は紙等の物理媒体に視認可能に示される所定の物差し上における所定の目印の位置に関する位置情報を、上記25種類のアミノ酸の濃度値および上記13種類の生化学の検査値のうちの少なくとも1つの値(当該値を変換した場合にはその変換後の値)または式の値(当該式の値を変換した場合にはその変換後の値)を用いて生成し、生成した位置情報を、評価対象の分娩後のケトーシスの状態に関する評価結果としてもよい。なお、所定の物差しとは、分娩後のケトーシスの状態を評価するためのものであり、例えば、目盛りが示された物差しであって、「濃度値、検査値若しくは式の値又は変換後の値の取り得る範囲」又は「当該範囲の一部」における上限値と下限値に対応する目盛りが少なくとも示されたもの、など

である。また、所定の目印とは、濃度値、検査値若しくは式の値又は変換後の値に対応するものであり、例えば、丸印又は星印などである。

[0036] また、上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値または式の値が、所定値（平均値 ± 1 SD、 2 SD、 3 SD、N 分位点、N パーセンタイル又は臨床的意義の認められたカットオフ値など）より低い若しくは所定値以下である場合又は所定値以上若しくは所定値より高い場合に、評価対象の分娩後のケトosisの状態を評価してもよい。その際、濃度値、検査値または式の値そのものではなく、偏差値を用いてもよい。例えば、偏差値が平均値 $- 2$ SD 未満の場合（偏差値 < 30 の場合）又は偏差値が平均値 $+ 2$ SD より高い場合（偏差値 > 70 の場合）に、評価対象の分娩後のケトosisの状態を評価してもよい。

[0037] また、評価対象が分娩後にケトosisとなるリスク（可能性）を定性的に評価してもよい。

例えば、上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値と予め設定された 1 つ又は複数の閾値を用いて、又は、当該少なくとも 1 つの値と当該少なくとも 1 つの値が代入される変数を含む式と予め設定された 1 つ又は複数の閾値とを用いて、評価対象を、分娩後にケトosisとなるリスクの程度を少なくとも考慮して定義された複数の区分のうちのどれか 1 つに分類してもよい。なお、複数の区分には、分娩後にケトosisとなるリスクが高い対象（例えば、分娩後の血中 B H B A 濃度が基準値（例えば $1200 \mu\text{mol/dl}$ など）以上となる対象）を属させるための区分、および、分娩後にケトosisとなるリスクが低い対象（例えば、分娩後の血液 B H B A 濃度が基準値（例えば $1200 \mu\text{mol/dl}$ など）未満となる対象）を属させるための区分が含まれていてもよい。また、複数の区分には、分娩後にケトosisとなるリスクが高い対象を属させるための区分、分娩後にケトosisとなるリスクが低い対象を属させるための区分、および分娩後にケトosisとなるリスクが中程度の対象を属させるための区分が含まれていてもよい。

また、例えば、上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値と予め設定された 1 つ又は複数の閾値を用いて、又は、当該少なくとも 1 つの値と当該少なくとも 1 つの値が代入される変数を含む式と予め設定された 1 つ又は複数の閾値とを用いて、評価対象の分娩後の血液中の BHB A の濃度値を推定してもよい。

また、濃度値、検査値又は式の値を所定の手法で変換し、変換後の値を用いて、評価対象を複数の区分のうちのどれか 1 つに分類してもよい。

[0038] また、評価の際に用いる式について、その形式は特に問わないが、例えば、以下に示す形式のものでもよい。

- ・最小二乗法に基づく重回帰式、線形判別式、主成分分析、正準判別分析などの線形モデル
- ・最尤法に基づくロジスティック回帰、Cox 回帰などの一般化線形モデル
- ・一般化線形モデルに加えて個体間差、施設間差などの変量効果を考慮した一般化線形混合モデル
- ・K-means 法、階層的クラスター解析などクラスター解析で作成された式
- ・MCMC (マルコフ連鎖モンテカルロ法)、ベイジアンネットワーク、階層ベイズ法などベイズ統計に基づき作成された式
- ・サポートベクターマシンや決定木などクラス分類により作成された式
- ・分数式など上記のカテゴリに属さない手法により作成された式
- ・異なる形式の式の和で示されるような式

[0039] また、評価の際に用いる式を、例えば、本出願人による国際出願である国際公開第 2004/052191 号に記載の方法又は本出願人による国際出願である国際公開第 2006/098192 号に記載の方法で作成してもよい。なお、これらの方法で得られた式であれば、入力データとしての血液データにおけるアミノ酸の濃度値や生化学の検査値の単位に因らず、当該式を、分娩後のケトーシスの状態を評価するのに好適に用いることができる。

[0040] ここで、重回帰式、多重ロジスティック回帰式、正準判別関数などにおい

ては各変数に係数及び定数項が付加されるが、この係数及び定数項は、好ましくは実数であれば構わず、より好ましくは、データから前記の各種分類を行うために得られた係数及び定数項の99%信頼区間の範囲に属する値であれば構わず、さらに好ましくは、データから前記の各種分類を行うために得られた係数及び定数項の95%信頼区間の範囲に属する値であれば構わない。また、各係数の値及びその信頼区間は、それを実数倍したものでよく、定数項の値及びその信頼区間は、それに任意の実定数を加減乗除したものでよい。ロジスティック回帰式、線形判別式、重回帰式などを評価の際に用いる場合、線形変換（定数の加算、定数倍）及び単調増加（減少）の変換（例えばlogit変換など）は評価性能を変えるものではなく変換前と同等であるので、これらの変換が行われた後のものを用いてもよい。

[0041] また、分数式とは、当該分数式の分子が変数 A , B , C , $\dots$ の和で表わされ及び／又は当該分数式の分母が変数 a , b , c , $\dots$ の和で表わされるものである。また、分数式には、このような構成の分数式 α , β , γ , $\dots$ の和（例えば $\alpha + \beta$ のようなもの）も含まれる。また、分数式には、分割された分数式も含まれる。なお、分子や分母に用いられる変数にはそれぞれ適当な係数がついても構わない。また、分子や分母に用いられる変数は重複しても構わない。また、各分数式に適当な係数がついても構わない。また、各変数の係数の値や定数項の値は、実数であれば構わない。ある分数式と、当該分数式において分子の変数と分母の変数が入れ替えられたものとは、目的変数との相関の正負の符号が概して逆転するものの、それらの相関性は保たれるが故に、評価性能も同等と見做せるので、分数式には、分子の変数と分母の変数が入れ替えられたものも含まれる。

[0042] [第2実施形態]

[2-1. 第2実施形態の概要]

ここでは、第2実施形態の概要について図2を参照して説明する。図2は第2実施形態の基本原理を示す原理構成図である。なお、本第2実施形態の説明では、上述した第1実施形態と重複する説明を省略する場合がある。特

に、ここでは、分娩後のケトーシスの状態を評価する際に、式の値又は当該式の値の変換後の値を用いるケースを一例として記載しているが、例えば、上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値又は当該値の変換後の値を用いてもよい。

[0043] 制御部は、評価対象である乳用牛の分娩前の血液中の上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値を含む予め取得した血液データに含まれている当該少なくとも 1 つの値および当該少なくとも 1 つの値が代入される変数を含む予め記憶部に記憶された式を用いて当該式の値を算出することで、評価対象の分娩後のケトーシスの状態を評価する（ステップ S 2 1）。

[0044] これにより、分娩後ケトーシスの状態に関する信頼性の高い情報を分娩前に提供することができる。

[0045] なお、ステップ S 2 1 で用いられる式は、以下に説明する式作成処理（工程 1 ～工程 4）に基づいて作成されたものでもよい。ここで式作成処理の概要について説明する。

[0046] まず、制御部は、分娩前の血液中の上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値に関する血液データと分娩後の血液中の B H B A の濃度値に関する B H B A データとを含む予め記憶部に記憶された B H B A 状態情報（欠損値や外れ値などを持つデータが事前に除去されているものでもよい）から所定の式作成手法に基づいて、候補式（例えば、 $y = a_1 \times x_1 + a_2 \times x_2 + \dots + a_n \times x_n$ 、 y : B H B A データ、 x_i : 血液データ、 a_i : 定数、 $i = 1, 2, \dots, n$ ）を作成する（工程 1）。

[0047] なお、工程 1 において、B H B A 状態情報から、複数の異なる式作成手法（主成分分析や判別分析、サポートベクターマシン、重回帰分析、C o x 重回帰分析、ロジスティック回帰分析、 $k - m e a n s$ 法、クラスター解析、決定木などの多変量解析に関するものを含む。）を併用して複数の候補式を作成してもよい。具体的には、多数の乳用牛から得た分娩前の血液データと分

娩後のB H B Aデータとから構成される多変量データであるB H B A状態情報に対して、複数の異なるアルゴリズムを利用して、複数群の候補式を同時並行的に作成してもよい。例えば、異なるアルゴリズムを利用して判別分析およびロジスティック回帰分析を同時に行い、2つの異なる候補式を作成してもよい。また、主成分分析を行って作成した候補式を利用してB H B A状態情報を変換し、変換したB H B A状態情報に対して判別分析を行うことで候補式を作成してもよい。これにより、最終的に、評価に最適な式を作成することができる。

[0048] ここで、主成分分析を用いて作成した候補式は、全ての血液データの分散を最大にするような各変数を含む一次式である。また、判別分析を用いて作成した候補式は、各群内の分散の和の全ての血液データの分散に対する比を最小にするような各変数を含む高次式（指数や対数を含む）である。また、サポートベクターマシンを用いて作成した候補式は、群間の境界を最大にするような各変数を含む高次式（カーネル関数を含む）である。また、重回帰分析を用いて作成した候補式は、全ての血液データからの距離の和を最小にするような各変数を含む高次式である。また、C o x 回帰分析を用いて作成した候補式は、対数ハザード比を含む線形モデルで、そのモデルの尤度を最大とするような各変数とその係数を含む1次式である。また、ロジスティック回帰分析を用いて作成した候補式は、確率の対数オッズを表す線形モデルであり、その確率の尤度を最大にするような各変数を含む一次式である。また、k - m e a n s 法とは、各血液データのk個近傍を探索し、近傍点の属する群の中で一番多いものをそのデータの所属群と定義し、入力された血液データの属する群と定義された群とが最も合致するような変数を選択する手法である。また、クラスター解析とは、全ての血液データの中で最も近い距離にある点同士をクラスタリング（群化）する手法である。また、決定木とは、変数に序列をつけて、序列が上位である変数の取りうるパターンから血液データの群を予測する手法である。

[0049] 式作成処理の説明に戻り、制御部は、工程1で作成した候補式を、所定の

検証手法に基づいて検証（相互検証）する（工程2）。候補式の検証は、工程1で作成した各候補式に対して行う。なお、工程2において、ブートストラップ法やホールドアウト法、N-フォールド法、リーブワンアウト法などのうち少なくとも1つに基づいて、候補式の判別率や感度、特異度、情報量基準、ROC_AUC（受信者特性曲線の曲線下面積）などのうち少なくとも1つに関して検証してもよい。これにより、BHBA状態情報や評価条件を考慮した予測性または頑健性の高い候補式を作成することができる。

[0050] ここで、判別率とは、例えば、分娩後にケトosisとなった評価対象（具体的には分娩後の血液中のBHBAの濃度値が基準値（例えば $1200\mu\text{mol/dl}$ ）以上となった評価対象）を本実施形態に係る評価手法で正しく「リスクが高い（具体的には当該基準値以上となる）」と評価し、分娩後にケトosisとならなかった評価対象（具体的には分娩後の血液中のBHBAの濃度値が基準値（例えば $1200\mu\text{mol/dl}$ ）未満となった評価対象）を当該評価手法で正しく「リスクが低い（具体的には当該基準値未満となる）」と評価している割合である。また、感度とは、例えば、分娩後にケトosisとなった評価対象（具体的には分娩後の血液中のBHBAの濃度値が基準値以上となった評価対象）を本実施形態に係る評価手法で正しく「リスクが高い（具体的には当該基準値以上となる）」と評価している割合である。また、特異度とは、例えば、分娩後にケトosisとならなかった評価対象（具体的には分娩後の血液中のBHBAの濃度値が基準値未満となった評価対象）を本実施形態に係る評価手法で正しく「リスクが低い（具体的には当該基準値未満となる）」と評価している割合である。また、赤池情報量規準とは、回帰分析などの場合に、観測データが統計モデルにどの程度一致するかを表す基準であり、「 $-2 \times (\text{統計モデルの最大対数尤度}) + 2 \times (\text{統計モデルの自由パラメータ数})$ 」で定義される値が最小となるモデルを最もよいと判断する。また、ROC_AUC（受信者特性曲線の曲線下面積）は、2次元座標上に $(x, y) = (1 - \text{特異度}, \text{感度})$ をプロットして作成される曲線である受信者特性曲線（ROC）の曲線下面積として定義され、RO

C__AUCの値は完全な判別では1となり、この値が1に近いほど判別性が高いことを示す。また、予測性とは、候補式の検証を繰り返すことで得られた判別率や感度、特異度を平均したものである。また、頑健性とは、候補式の検証を繰り返すことで得られた判別率や感度、特異度の分散である。

[0051] 式作成処理の説明に戻り、制御部は、所定の変数選択手法に基づいて候補式の変数を選択することで、候補式を作成する際に用いるB H B A状態情報に含まれる血液データの組み合わせを選択する（工程3）。なお、工程3において、変数の選択は、工程1で作成した各候補式に対して行ってもよい。これにより、候補式の変数を適切に選択することができる。そして、工程3で選択した血液データを含むB H B A状態情報を用いて再び工程1を実行する。また、工程3において、工程2での検証結果からステップワイズ法、ベストパス法、近傍探索法、遺伝的アルゴリズムのうち少なくとも1つに基づいて候補式の変数を選択してもよい。なお、ベストパス法とは、候補式に含まれる変数を1つずつ順次減らしていき、候補式が与える評価指標を最適化することで変数を選択する方法である。

[0052] 式作成処理の説明に戻り、制御部は、上述した工程1、工程2および工程3を繰り返し実行し、これにより蓄積した検証結果に基づいて、複数の候補式の中から評価の際に用いる候補式を選出することで、評価の際に用いる式を作成する（工程4）。なお、候補式の選出には、例えば、同じ式作成手法で作成した候補式の中から最適なものを選出する場合と、すべての候補式の中から最適なものを選出する場合とがある。

[0053] 以上、説明したように、式作成処理では、B H B A状態情報に基づいて、候補式の作成、候補式の検証および候補式の変数の選択に関する処理を一連の流れで体系化（システム化）して実行することにより、分娩後のケトーシスの状態の評価に最適な式を作成することができる。換言すると、式作成処理では、上記25種類のアミノ酸の濃度値および上記13種類の生化学の検査値を多変量の統計解析に用い、最適でロバストな変数の組を選択するために変数選択法とクロスバリデーションとを組み合わせ、評価性能の高い式

を抽出する。

[0054] [2-2. 第2実施形態の構成]

ここでは、第2実施形態にかかる評価システム（以下では本システムと記す場合がある。）の構成について、図3から図13を参照して説明する。なお、本システムはあくまでも一例であり、本発明はこれに限定されない。特に、ここでは、分娩後のケトーシスの状態を評価する際に、式の値又はその変換後の値を用いるケースを一例として記載しているが、例えば、上記25種類のアミノ酸の濃度値および上記13種類の生化学の検査値のうちの少なくとも1つの値又は当該値の変換後の値を用いてもよい。

[0055] まず、本システムの全体構成について図3および図4を参照して説明する。図3は本システムの全体構成の一例を示す図である。また、図4は本システムの全体構成の他の一例を示す図である。本システムは、図3に示すように、分娩後のケトーシスの状態を評価する評価装置100と、血液データを提供するクライアント装置200（本発明の端末装置に相当）とを、ネットワーク300を介して通信可能に接続して構成されている。なお、本システムは、図4に示すように、評価装置100やクライアント装置200の他に、評価装置100で式を作成する際に用いるBHBA状態情報や、評価の際に用いる式などを格納したデータベース装置400を、ネットワーク300を介して通信可能に接続して構成されてもよい。

[0056] つぎに、本システムの評価装置100の構成について図5から図11を参照して説明する。図5は、本システムの評価装置100の構成の一例を示すブロック図であり、該構成のうち本発明に関係する部分のみを概念的に示している。

[0057] 評価装置100は、当該評価装置を統括的に制御するCPU等の制御部102と、ルータ等の通信装置および専用線等の有線または無線の通信回線を介して当該評価装置をネットワーク300に通信可能に接続する通信インターフェース部104と、各種のデータベースやテーブルやファイルなどを格納する記憶部106と、入力装置112や出力装置114に接続する入出力

インターフェース部 108 と、で構成されており、これら各部は任意の通信路を介して通信可能に接続されている。ここで、評価装置 100 は、各種の分析装置（例えばアミノ酸・生化学分析装置等）と同一筐体で構成されてもよい。例えば、血液中の上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値を算出（測定）し、算出した値を出力（印刷やモニタ表示など）する構成（ハードウェアおよびソフトウェア）を備えた小型分析装置において、後述する評価部 102 d をさらに備え、当該評価部 102 d で得られた結果を前記構成を用いて出力すること、を特徴とするものでもよい。

[0058] 通信インターフェース部 104 は、評価装置 100 とネットワーク 300（またはルータ等の通信装置）との間における通信を媒介する。すなわち、通信インターフェース部 104 は、他の端末と通信回線を介してデータを通信する機能を有する。

[0059] 入出力インターフェース部 108 は、入力装置 112 や出力装置 114 に接続する。ここで、出力装置 114 には、モニタ（家庭用テレビを含む）の他、スピーカやプリンタを用いることができる。入力装置 112 には、キーボードやマウスやマイクの他、マウスと協働してポインティングデバイス機能を実現するモニタを用いることができる。

[0060] 記憶部 106 は、ストレージ手段であり、例えば、RAM・ROM等のメモリ装置や、ハードディスクのような固定ディスク装置、フレキシブルディスク、光ディスク等を用いることができる。記憶部 106 には、OS（Operating System）と協働してCPUに命令を与え各種処理を行うためのコンピュータプログラムが記録されている。記憶部 106 は、図示の如く、血液データファイル 106 a と、BHBA状態情報ファイル 106 b と、指定BHBA状態情報ファイル 106 c と、式関連情報データベース 106 d と、評価結果ファイル 106 e と、を格納する。

[0061] 血液データファイル 106 a は、血液中の上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値を格納

する。図6は、血液データファイル106aに格納される情報の一例を示す図である。血液データファイル106aに格納される情報は、図6に示すように、評価対象である個体（サンプル）を一意に識別するための個体番号と、血液データとを相互に関連付けて構成されている。ここで、図6では、血液データを数値、すなわち連続尺度として扱っているが、血液データは名義尺度や順序尺度でもよい。なお、名義尺度や順序尺度の場合は、それぞれの状態に対して任意の数値を与えることで解析してもよい。また、血液データに、ケトーシス発生に影響を与える上述した因子に関する値を組み合わせてもよい。

[0062] 図5に戻り、BHBA状態情報ファイル106bは、式を作成する際に用いるBHBA状態情報を格納する。図7は、BHBA状態情報ファイル106bに格納される情報の一例を示す図である。BHBA状態情報ファイル106bに格納される情報は、図7に示すように、個体番号と、分娩後の血液中のBHBAの濃度値を表すBHBAデータ（T）と、血液データと、を相互に関連付けて構成されている。ここで、図7では、BHBAデータおよび血液データを数値（すなわち連続尺度）として扱っているが、BHBAデータおよび血液データは名義尺度や順序尺度でもよい。なお、名義尺度や順序尺度の場合は、それぞれの状態に対して任意の数値を与えることで解析してもよい。

[0063] 図5に戻り、指定BHBA状態情報ファイル106cは、後述する指定部102bで指定したBHBA状態情報を格納する。図8は、指定BHBA状態情報ファイル106cに格納される情報の一例を示す図である。指定BHBA状態情報ファイル106cに格納される情報は、図8に示すように、個体番号と、指定したBHBAデータと、指定した血液データと、を相互に関連付けて構成されている。

[0064] 図5に戻り、式関連情報データベース106dは、後述する式作成部102cで作成した式を格納する式ファイル106d1で構成される。式ファイル106d1は、評価の際に用いる式を格納する。図9は、式ファイル10

6 d 1 に格納される情報の一例を示す図である。式ファイル 1 0 6 d 1 に格納される情報は、図 9 に示すように、ランクと、式（図 9 では、 $F_p(Gly, \dots)$ や $F_p(Gly, Leu, Phe)$ 、 $F_k(Gly, Leu, Phe, \dots)$ など）と、各式作成手法に対応する閾値と、各式の検証結果（例えば各式の値）と、を相互に関連付けて構成されている。

[0065] 図 5 に戻り、評価結果ファイル 1 0 6 e は、後述する評価部 1 0 2 d で得られた評価結果を格納する。図 1 0 は、評価結果ファイル 1 0 6 e に格納される情報の一例を示す図である。評価結果ファイル 1 0 6 e に格納される情報は、評価対象である個体（サンプル）を一意に識別するための個体番号と、予め取得した個体の血液データと、分娩後のケトーススの状態に関する評価結果（例えば、後述する算出部 1 0 2 d 1 で算出した式の値、後述する変換部 1 0 2 d 2 で得られた変換後の値、後述する生成部 1 0 2 d 3 で生成した位置情報、又は、後述する分類部 1 0 2 d 4 で得られた分類結果、など）と、を相互に関連付けて構成されている。

[0066] 図 5 に戻り、制御部 1 0 2 は、OS (Operating System) 等の制御プログラム・各種の処理手順等を規定したプログラム・所要データなどを格納するための内部メモリを有し、これらのプログラムに基づいて種々の情報処理を実行する。制御部 1 0 2 は、図示の如く、大別して、受信部 1 0 2 a と指定部 1 0 2 b と式作成部 1 0 2 c と評価部 1 0 2 d と結果出力部 1 0 2 e と送信部 1 0 2 f とを備えている。制御部 1 0 2 は、データベース装置 4 0 0 から送信された B H B A 状態情報やクライアント装置 2 0 0 から送信された血液データに対して、欠損値のあるデータの除去・外れ値の多いデータの除去・欠損値のあるデータの多い変数の除去などのデータ処理も行う。

[0067] 受信部 1 0 2 a は、クライアント装置 2 0 0 やデータベース装置 4 0 0 から送信された情報（具体的には、血液データや B H B A 状態情報、式など）を、ネットワーク 3 0 0 を介して受信する。指定部 1 0 2 b は、式を作成するにあたり対象とする B H B A データおよび血液データを指定する。

- [0068] 式作成部 102c は、受信部 102a で受信した BHB A 状態情報や指定部 102b で指定した BHB A 状態情報に基づいて式を作成する。なお、式が予め記憶部 106 の所定の記憶領域に格納されている場合には、式作成部 102c は、記憶部 106 から所望の式を選択することで、式を作成してもよい。また、式作成部 102c は、式を予め格納した他のコンピュータ装置（例えばデータベース装置 400）から所望の式を選択しダウンロードすることで、式を作成してもよい。
- [0069] 評価部 102d は、事前に得られた式（例えば、式作成部 102c で作成した式、又は、受信部 102a で受信した式など）及び受信部 102a で受信した血液データに含まれる上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値を用いて式の値を算出することで、個体の分娩後のケトーシスの状態を評価する。なお、評価部 102d は、上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値又は当該値の変換後の値を用いて、個体の分娩後のケトーシスの状態を評価してもよい。
- [0070] ここで、評価部 102d の構成について図 11 を参照して説明する。図 11 は、評価部 102d の構成を示すブロック図であり、該構成のうち本発明に係る部分のみを概念的に示している。評価部 102d は、算出部 102d1 と、変換部 102d2 と、生成部 102d3 と、分類部 102d4 と、をさらに備えている。
- [0071] 算出部 102d1 は、上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検査値のうちの少なくとも 1 つの値および当該少なくとも 1 つの値が代入される変数を含む式を用いて、式の値を算出する。なお、評価部 102d は、算出部 102d1 で算出した式の値を評価結果として評価結果ファイル 106e の所定の記憶領域に格納してもよい。
- [0072] 変換部 102d2 は、算出部 102d1 で算出した式の値を例えば上述した変換手法などで変換する。なお、変換部 102d2 は、血液データに含まれている上記 25 種類のアミノ酸の濃度値および上記 13 種類の生化学の検

査値のうちの少なくとも1つの値を、例えば上述した変換手法などで変換してもよい。また、評価部102dは、変換部102d2で得られた変換後の値を評価結果として評価結果ファイル106eの所定の記憶領域に格納してもよい。

[0073] 生成部102d3は、モニタ等の表示装置又は紙等の物理媒体に視認可能に示される所定の物差し上における所定の目印の位置に関する位置情報を、算出部102d1で算出した式の値又は変換部102d2で得られた変換後の値（濃度値若しくは検査値又は当該濃度値若しくは検査値の変換後の値でもよい）を用いて生成する。なお、評価部102dは、生成部102d3で生成した位置情報を評価結果として評価結果ファイル106eの所定の記憶領域に格納してもよい。

[0074] 分類部102d4は、算出部102d1で算出した式の値又は変換部102d2で得られた変換後の値（濃度値若しくは検査値又は当該濃度値若しくは検査値の変換後の値でもよい）を用いて、個体を、分娩後にケトosisとなるリスクの程度を少なくとも考慮して定義された複数の区分のうちのどれか1つに分類する。

[0075] 結果出力部102eは、制御部102の各処理部での処理結果（評価部102dで得られた評価結果を含む）等を出力装置114に出力する。

[0076] 送信部102fは、個体の血液データの送信元のクライアント装置200に対して評価結果を送信したり、データベース装置400に対して、評価装置100で作成した式や評価結果を送信したりする。

[0077] つぎに、本システムのクライアント装置200の構成について図12を参照して説明する。図12は、本システムのクライアント装置200の構成の一例を示すブロック図であり、該構成のうち本発明に係る部分のみを概念的に示している。

[0078] クライアント装置200は、制御部210とROM220とHD230とRAM240と入力装置250と出力装置260と入出力IF270と通信IF280とで構成されており、これら各部は任意の通信路を介して通信可

能に接続されている。クライアント装置２００は、プリンタ・モニタ・イメージスキャナ等の周辺装置を必要に応じて接続した情報処理装置（例えば、既知のパーソナルコンピュータ・ワークステーション・家庭用ゲーム装置・インターネットＴＶ・ＰＨＳ端末・携帯端末・移動体通信端末・ＰＤＡ等の情報処理端末など）を基にしたものであってもよい。

[0079] 入力装置２５０はキーボードやマウスやマイク等である。なお、後述するモニタ２６１もマウスと協働してポインティングデバイス機能を実現する。出力装置２６０は、通信ＩＦ２８０を介して受信した情報を出力する出力手段であり、モニタ（家庭用テレビを含む）２６１およびプリンタ２６２を含む。この他、出力装置２６０にスピーカ等を設けてもよい。入出力ＩＦ２７０は入力装置２５０や出力装置２６０に接続する。

[0080] 通信ＩＦ２８０は、クライアント装置２００とネットワーク３００（またはルータ等の通信装置）とを通信可能に接続する。換言すると、クライアント装置２００は、モデムやＴＡやルータなどの通信装置および電話回線を介して、または専用線を介してネットワーク３００に接続される。これにより、クライアント装置２００は、所定の通信規約に従って評価装置１００にアクセスすることができる。

[0081] 制御部２１０は、受信部２１１および送信部２１２を備えている。受信部２１１は、通信ＩＦ２８０を介して、評価装置１００から送信された評価結果などの各種情報を受信する。送信部２１２は、通信ＩＦ２８０を介して、個体の血液データなどの各種情報を評価装置１００へ送信する。

[0082] 制御部２１０は、当該制御部で行う処理の全部または任意の一部を、ＣＰＵおよび当該ＣＰＵにて解釈して実行するプログラムで実現してもよい。ＲＯＭ２２０またはＨＤ２３０には、ＯＳ（Operating System）と協働してＣＰＵに命令を与え、各種処理を行うためのコンピュータプログラムが記録されている。当該コンピュータプログラムは、ＲＡＭ２４０にロードされることで実行され、ＣＰＵと協働して制御部２１０を構成する。また、当該コンピュータプログラムは、クライアント装置２００と任意の

ネットワークを介して接続されるアプリケーションプログラムサーバに記録されてもよく、クライアント装置200は、必要に応じてその全部または一部をダウンロードしてもよい。また、制御部210で行う処理の全部または任意の一部を、ワイヤードロジック等によるハードウェアで実現してもよい。

[0083] ここで、制御部210は、評価装置100に備えられている評価部102dが有する機能と同様の機能を有する評価部210a（算出部210a1、変換部210a2、生成部210a3、及び分類部210a4を含む）を備えていてもよい。そして、制御部210に評価部210aが備えられている場合には、評価部210aは、評価装置100から送信された評価結果に含まれている情報に応じて、変換部210a2で式の値（濃度値または検査値でもよい）を変換したり、生成部210a3で式の値又は変換後の値（濃度値若しくは検査値又は当該濃度値若しくは検査値の変換後の値でもよい）に対応する位置情報を生成したり、分類部210a4で式の値又は変換後の値（濃度値若しくは検査値又は当該濃度値若しくは検査値の変換後の値でもよい）を用いて個体を複数の区分のうちのどれか1つに分類したりしてもよい。

[0084] つぎに、本システムのネットワーク300について図3、図4を参照して説明する。ネットワーク300は、評価装置100とクライアント装置200とデータベース装置400とを相互に通信可能に接続する機能を有し、例えばインターネットやイントラネットやLAN（有線／無線の双方を含む）等である。なお、ネットワーク300は、VANや、パソコン通信網や、公衆電話網（アナログ／デジタルの双方を含む）や、専用回線網（アナログ／デジタルの双方を含む）や、CATV網や、携帯回線交換網または携帯パケット交換網（IMT2000方式、GSM（登録商標）方式またはPDC／PDC-P方式等を含む）や、無線呼出網や、Bluetooth（登録商標）等の局所無線網や、PHS網や、衛星通信網（CS、BSまたはISDB等を含む）等でもよい。

[0085] つぎに、本システムのデータベース装置４００の構成について図１３を参照して説明する。図１３は、本システムのデータベース装置４００の構成の一例を示すブロック図であり、該構成のうち本発明に係る部分のみを概念的に示している。

[0086] データベース装置４００は、評価装置１００または当該データベース装置で式を作成する際に用いるＢＨＢＡ状態情報や、評価装置１００で作成した式、評価装置１００での評価結果などを格納する機能を有する。図１３に示すように、データベース装置４００は、当該データベース装置を統括的に制御するＣＰＵ等の制御部４０２と、ルータ等の通信装置および専用線等の有線または無線の通信回路を介して当該データベース装置をネットワーク３００に通信可能に接続する通信インターフェース部４０４と、各種のデータベースやテーブルやファイルなどを格納する記憶部４０６と、入力装置４１２や出力装置４１４に接続する入出力インターフェース部４０８と、で構成されており、これら各部は任意の通信路を介して通信可能に接続されている。

[0087] 記憶部４０６は、ストレージ手段であり、例えば、ＲＡＭ・ＲＯＭ等のメモリ装置や、ハードディスクのような固定ディスク装置や、フレキシブルディスクや、光ディスク等を用いることができる。記憶部４０６には、各種処理に用いる各種プログラムなどを格納する。通信インターフェース部４０４は、データベース装置４００とネットワーク３００（またはルータ等の通信装置）との間における通信を媒介する。すなわち、通信インターフェース部４０４は、他の端末と通信回線を介してデータを通信する機能を有する。入出力インターフェース部４０８は、入力装置４１２や出力装置４１４に接続する。ここで、出力装置４１４には、モニタ（家庭用テレビを含む）の他、スピーカやプリンタを用いることができる。また、入力装置４１２には、キーボードやマウスやマイクの他、マウスと協働してポインティングデバイス機能を実現するモニタを用いることができる。

[0088] 制御部４０２は、ＯＳ（Operating System）等の制御プログラム・各種の処理手順等を規定したプログラム・所要データなどを格納

するための内部メモリを有し、これらのプログラムに基づいて種々の情報処理を実行する。制御部402は、図示の如く、大別して、送信部402aと受信部402bを備えている。送信部402aは、BHBA状態情報や式などの各種情報を、評価装置100へ送信する。受信部402bは、評価装置100から送信された、式や評価結果などの各種情報を受信する。

[0089] なお、本説明では、評価装置100が、血液データの受信から、式の値の算出、個体の区分への分類、そして評価結果の送信までを実行し、クライアント装置200が評価結果の受信を実行するケースを例として挙げたが、クライアント装置200に評価部210aが備えられている場合は、評価装置100は式の値の算出を実行すれば十分であり、例えば式の値の変換、位置情報の生成、及び、個体の区分への分類などは、評価装置100とクライアント装置200とで適宜分担して実行してもよい。

例えば、クライアント装置200が評価装置100から式の値を受信した場合には、評価部210aは、変換部210a2で式の値を変換したり、生成部210a3で式の値又は変換後の値に対応する位置情報を生成したり、分類部210a4で式の値又は変換後の値を用いて個体を複数の区分のうちのどれか1つに分類したりしてもよい。

また、クライアント装置200が評価装置100から変換後の値を受信した場合には、評価部210aは、生成部210a3で変換後の値に対応する位置情報を生成したり、分類部210a4で変換後の値を用いて個体を複数の区分のうちのどれか1つに分類したりしてもよい。

また、クライアント装置200が評価装置100から式の値又は変換後の値と位置情報とを受信した場合には、評価部210aは、分類部210a4で式の値又は変換後の値を用いて個体を複数の区分のうちのどれか1つに分類してもよい。

[0090] [2-3. 他の実施形態]

本発明にかかる評価装置、評価方法、評価プログラム、評価システム、および端末装置は、上述した第2実施形態以外にも、請求の範囲に記載した技

術的思想の範囲内において種々の異なる実施形態にて実施されてよいものである。

[0091] また、第2実施形態において説明した各処理のうち、自動的に行われるものとして説明した処理の全部または一部を手動的に行うこともでき、あるいは、手動的に行われるものとして説明した処理の全部または一部を公知の方法で自動的に行うこともできる。

[0092] このほか、上記文献中や図面中で示した処理手順、制御手順、具体的名称、各処理の登録データや検索条件等のパラメータを含む情報、画面例、データベース構成については、特記する場合を除いて任意に変更することができる。

[0093] また、評価装置100に関して、図示の各構成要素は機能概念的なものであり、必ずしも物理的に図示の如く構成されていることを要しない。

[0094] 例えば、評価装置100が備える処理機能、特に制御部102にて行われる各処理機能については、その全部または任意の一部を、CPU (Central Processing Unit) および当該CPUにて解釈実行されるプログラムにて実現してもよく、また、ワイヤードロジックによるハードウェアとして実現してもよい。尚、プログラムは、情報処理装置に本発明にかかる評価方法を実行させるためのプログラム化された命令を含む一時的でないコンピュータ読み取り可能な記録媒体に記録されており、必要に応じて評価装置100に機械的に読み取られる。すなわち、ROMまたはHDDなどの記憶部106などには、OS (Operating System) と協働してCPUに命令を与え、各種処理を行うためのコンピュータプログラムが記録されている。このコンピュータプログラムは、RAMにロードされることによって実行され、CPUと協働して制御部を構成する。

[0095] また、このコンピュータプログラムは評価装置100に対して任意のネットワークを介して接続されたアプリケーションプログラムサーバに記憶されていてもよく、必要に応じてその全部または一部をダウンロードすることも可能である。

[0096] また、本発明にかかる評価プログラムを、一時的でないコンピュータ読み取り可能な記録媒体に格納してもよく、また、プログラム製品として構成することもできる。ここで、この「記録媒体」とは、メモリーカード、USBメモリ、SDカード、フレキシブルディスク、光磁気ディスク、ROM、EPROM、EEPROM（登録商標）、CD-ROM、MO、DVD、および、Blu-ray（登録商標）Disc等の任意の「可搬用の物理媒体」を含むものとする。

[0097] また、「プログラム」とは、任意の言語または記述方法にて記述されたデータ処理方法であり、ソースコードまたはバイナリコード等の形式を問わない。なお、「プログラム」は必ずしも単一的に構成されるものに限られず、複数のモジュールやライブラリとして分散構成されるものや、OS（Operating System）に代表される別個のプログラムと協働してその機能を達成するものをも含む。なお、実施形態に示した各装置において記録媒体を読み取るための具体的な構成および読み取り手順ならびに読み取り後のインストール手順等については、周知の構成や手順を用いることができる。

[0098] 記憶部106に格納される各種のデータベース等は、RAM、ROM等のメモリ装置、ハードディスク等の固定ディスク装置、フレキシブルディスク、および、光ディスク等のストレージ手段であり、各種処理やウェブサイト提供に用いる各種のプログラム、テーブル、データベース、および、ウェブページ用ファイル等を格納する。

[0099] また、評価装置100は、既知のパーソナルコンピュータまたはワークステーション等の情報処理装置として構成してもよく、また、任意の周辺装置が接続された当該情報処理装置として構成してもよい。また、評価装置100は、当該情報処理装置に本発明の評価方法を実現させるソフトウェア（プログラムまたはデータ等を含む）を実装することにより実現してもよい。

[0100] 更に、装置の分散・統合の具体的形態は図示するものに限られず、その全部または一部を、各種の付加等に応じてまたは機能負荷に応じて、任意の単

位で機能的または物理的に分散・統合して構成することができる。すなわち、上述した実施形態を任意に組み合わせて実施してもよく、実施形態を選択的に実施してもよい。

実施例 1

[0101] 一般酪農場で計343頭のメスのホルスタイン種乳牛の各頭から予定分娩日の21日前と分娩日の7日後に採取された計686の血液サンプルを取得した。なお、計343頭の乳牛には、今回の分娩以外に分娩の経験がある経産牛（282頭）と、今回初めての分娩を経験した未経産牛（61頭）が含まれる。

[0102] 予定分娩日の21日前に採取された血液サンプルから、前述の25種のアミノ酸（Ala, Arg, Asn, Asp, BCAA, Cit, Cys, Glu, Gln, Gly, His, Ile, Leu, Lys, Met, 3MeHis, Orn, Phe, Pro, Ser, Tau, Thr, Trp, Tyr, Val）の血中濃度値を測定した。分娩日の7日後に採取された血液サンプルからは、BHBAの血中濃度値を測定した。なお、アミノ酸の血中濃度値は、上述した測定方法（A）により測定されたものである。

[0103] まず、計343頭を、分娩日の7日後のBHBA値を基準に、健常群（BHBA < 1200 $\mu\text{mol}/\text{dl}$ ：経産牛238頭、未経産牛56頭）とケトosis群（BHBA $\geq$ 1200 $\mu\text{mol}/\text{dl}$ ：経産牛44頭、未経産牛5頭）の2群に分類した。そして、予定分娩日の21日前の血中アミノ酸を2個用いて、この2群の判別性能を最大化する指標をロジスティック解析（AIC最小基準による変数網羅法）により探索し、探索された式についてROC曲線のAUCによる評価を行った。

[0104] 以下の「11. アミノ酸2変数の式」には、ROC__AUCが0.67よりも高値であった指標式を示した。ここで、「11. アミノ酸2変数の式」には、ROC__AUCの値、指標式の値をロジット変換して得られた値、および指標式が順に列挙されている（以下同様）。また、「11. アミノ酸2変数の式」に列挙されている指標式における係数および定数は、任意のもの

でよい（以下同様）。

[0105] また、予定分娩日の21日前の血中アミノ酸を3から6個用いて、同様の探索及び評価を行った。以下の[12. アミノ酸3変数の式]、[13. アミノ酸4変数の式]、[14. アミノ酸5変数の式]及び[15. アミノ酸6変数の式]には、適合度の高い指標式を示した。

[0106] [11. アミノ酸2変数の式]から[15. アミノ酸6変数の式]に示した指標式の方が、非特許文献2で報告されたNEFAのみを変数として用いた場合（ROC_AUC=0.665）よりもROC_AUCが高く、ゆえに、これらの指標式は分娩後周産期病（ケトーシス）の状態（具体的には、分娩後の血中BHBA濃度が $1200\mu\text{mol/dl}$ 未満か $1200\mu\text{mol/dl}$ 以上か）の評価に有用であることが判明した。

実施例 2

[0107] 実施例1で用いた血液サンプルを用いた。予定分娩日の21日前に採取された血液サンプルから、前述の13種の生化学（ALB（ g/dl ）、ALT（ IU/l ）、AST（ IU/l ）、BHBA（ $\mu\text{mol/l}$ ）、BUN（ mg/dl ）、Ca（ mg/dl ）、 γ -GTP（ IU/l ）、Glc（ mg/dl ）、NEFA（ $\mu\text{Eq/l}$ ）、T-Bil（ mg/dl ）、TCHO（ mg/dl ）、TG（ mg/dl ）、TP（ g/dl ））の検査値を測定した。分娩日の7日後に採取された血液サンプルからは、BHBAの血中濃度値を測定した。なお、生化学の検査値は、上述した測定方法（C）により測定されたものである。

[0108] また、実施例1と同様、計343頭を健常群（BHBA $<1200\mu\text{mol/dl}$ ：経産牛238頭、未経産牛56頭）とケトーシス群（BHBA $\geq 1200\mu\text{mol/dl}$ ：経産牛44頭、未経産牛5頭）の2群に分類した。そして、予定分娩日の21日前の血液生化学を2個用いて、この2群の判別性能を最大化する指標をロジスティック解析（AIC最小基準による変数網羅法）により探索し、探索された式についてROC曲線のAUCによる評価を行った。

- [0109] 以下の〔21. 生化学2変数の式〕には、には、ROC__AUCが0.7よりも高値であった指標式を示した。また、予定分娩日の21日前の血液生化学を3から6個用いて、同様の探索及び評価を行った。以下の〔22. 生化学3変数の式〕、〔23. 生化学4変数の式〕、〔24. 生化学5変数の式〕及び〔25. 生化学6変数の式〕には、適合度の高い指標式を示した。
- [0110] 〔21. 生化学2変数の式〕から〔25. 生化学6変数の式〕に示した指標式の方が、非特許文献2で報告されたNEFAのみを変数として用いた場合（ROC__AUC=0.665）よりもROC__AUCが高く、ゆえに、これらの指標式は分娩後周産期病（ケトosis）の状態（具体的には、分娩後の血中BHBA濃度が $1200\mu\text{mol/dl}$ 未満か $1200\mu\text{mol/dl}$ 以上か）の評価に有用であることが判明した。

実施例 3

- [0111] 実施例1で用いた血液サンプルを用いた。予定分娩日の21日前に採取された血液サンプルから、前述の25種のアミノ酸の血中濃度値と13種の生化学の検査値を測定した。分娩日の7日後に採取された血液サンプルからは、BHBAの血中濃度値を測定した。なお、アミノ酸の血中濃度値は、上述した測定方法（A）により測定されたものである。また、生化学の検査値は、上述した測定方法（C）により測定されたものである。
- [0112] また、実施例1と同様、計343頭を健常群とケトosis群の2群に分類した。そして、予定分娩日の21日前の血中アミノ酸と血液生化学の組み合わせ（25種のアミノ酸および13種の生化学の計38種から任意に選ばれる2個）を用いて、この2群の判別性能を最大化する指標をロジスティック解析（AIC最小基準による変数網羅法）により探索し、探索された式についてROC曲線のAUCによる評価を行った。
- [0113] 以下の〔31. アミノ酸+生化学2変数の式〕には、ROC__AUCが0.7よりも高値であった指標式を示した。また、予定分娩日の21日前の血中アミノ酸と血液生化学の組み合わせ（25種のアミノ酸および13種の生化学の計38種から任意に選ばれる3個から6個）を用いて、同様の探索及

び評価を行った。以下の〔32. アミノ酸＋生化学3変数の式〕、〔33. アミノ酸＋生化学4変数の式〕、〔34. アミノ酸＋生化学5変数の式〕及び〔35. アミノ酸＋生化学6変数の式〕には、適合度の高い指標式を示した。

[0114] 〔31. アミノ酸＋生化学2変数の式〕から〔35. アミノ酸＋生化学6変数の式〕に示した指標式の方が、非特許文献2で報告されたNEFAのみを変数として用いた場合（ROC__AUC=0.665）よりもROC__AUCが高く、ゆえに、これらの指標式は分娩後周産期病（ケトosis）の状態（具体的には、分娩後の血中BHBA濃度が $1200\mu\text{mol/dl}$ 未満か $1200\mu\text{mol/dl}$ 以上か）の評価に有用であることが判明した。

実施例 4

[0115] 予定分娩日の21日前の血中アミノ酸と血液生化学の他に、経産か未経産かを意味する産次項（2値変数（例えば、経産を意味する1及び未経産を意味する0のうちのいずれかの値が代入される変数など））をさらに用いて、同様に探索及び評価を行った。

[0116] 以下の〔401. 産次項を加えることで診断精度が向上する式（アミノ酸2変数）〕から〔405. 産次項を加えることで診断精度が向上する式（アミノ酸6変数）〕に、アミノ酸変数2から6個に産次項を加えることでROC__AUCが向上した指標式を示した。なお、〔401. 産次項を加えることで診断精度が向上する式（アミノ酸2変数）〕において、産次項（Birth変数）は省略した（以下同様）。

[0117] また、以下の〔406. 産次項を加えることで診断精度が向上する式（生化学2変数）〕から〔410. 産次項を加えることで診断精度が向上する式（生化学6変数）〕に、血液生化学変数2から6個に産次項を加えることでROC__AUCが向上した指標式を示した。

[0118] さらに、以下の〔411. 産次項を加えることで診断精度が向上する式（アミノ酸＋生化学2変数）〕から〔415. 産次項を加えることで診断精度が向上する式（アミノ酸＋生化学6変数）〕に、アミノ酸と血液生化学の組

み合わせ（25種のアミノ酸および13種の生化学の計38変数から任意に選ばれる2から6個）に産次項を加えることでROC__AUCが向上した指標式を示した。

実施例 5

[0119] 実施例1で用いた血液サンプルを用いた。予定分娩日の21日前に採取された血液サンプルから、前述の25種のアミノ酸の血中濃度値と13種の生化学の検査値を測定した。分娩日の7日後に採取された血液サンプルからは、BHBAの血中濃度値を測定した。なお、アミノ酸の血中濃度値は、上述した測定方法（A）により測定されたものである。また、生化学の検査値は、上述した測定方法（C）により測定されたものである。

[0120] また、実施例1と同様、計343頭を健常群とケトosis群の2群に分類した。そして、予定分娩日の21日前の血中アミノ酸と血液生化学の組み合わせ（25種のアミノ酸および13種の生化学の計38種から任意に選ばれる1個）を用いて、この2群の判別性能を最大化する指標をロジスティック解析（AIC最小基準による変数網羅法）により探索し、探索された式についてROC曲線のAUCによる評価を行った。

[0121] ALBのみを変数として含む指標式（具体的には「 $ALB + 1$ 」（係数および定数項は任意のものでよい））の方が、非特許文献2で報告されたNEFAのみを変数として用いた場合（ $ROC_AUC = 0.665$ ）よりも ROC_AUC が0.697と高く、ゆえに、この指標式は分娩後周産期病（ケトosis）の状態（具体的には、分娩後の血中BHBA濃度が $1200\mu\text{mol/dl}$ 未満か $1200\mu\text{mol/dl}$ 以上か）の評価に有用であることが判明した。なお、この指標式の値をロジット変換して得られた値は、261.935であった。

産業上の利用可能性

[0122] 以上のように、本発明は、産業上の多くの分野、特に、酪農、牛用医薬品若しくは牛用飼料の開発、又は牛を対象とする獣医療などの分野で広く実施することができ、極めて有用である。

符号の説明

- [0123] 1 0 0 評価装置
- 1 0 2 制御部
- 1 0 2 a 受信部
- 1 0 2 b 指定部
- 1 0 2 c 式作成部
- 1 0 2 d 評価部
- 1 0 2 d 1 算出部
- 1 0 2 d 2 変換部
- 1 0 2 d 3 生成部
- 1 0 2 d 4 分類部
- 1 0 2 e 結果出力部
- 1 0 2 f 送信部
- 1 0 4 通信インターフェース部
- 1 0 6 記憶部
- 1 0 6 a 血液データファイル
- 1 0 6 b B H B A 状態情報ファイル
- 1 0 6 c 指定 B H B A 状態情報ファイル
- 1 0 6 d 式関連情報データベース
- 1 0 6 d 1 式ファイル
- 1 0 6 e 評価結果ファイル
- 1 0 8 入出力インターフェース部
- 1 1 2 入力装置
- 1 1 4 出力装置
- 2 0 0 クライアント装置（端末装置（情報通信端末装置））
- 3 0 0 ネットワーク
- 4 0 0 データベース装置
- [0124] [1 1. アミノ酸 2 変数の式]

0.687, 269.675, 1+His+0rn; 0.672, 270.428, 1+His+Asn

[0125] [1 2. アミノ酸 3 変数の式]

0.723, 264.542, 1+His+Asn+0rn; 0.705, 270.498, 1+His+Ala+0rn; 0.703, 267.279, 1+His+0rn+Phe; 0.702, 269.285, 1+His+0rn+Cys

[0126] [1 3. アミノ酸 4 変数の式]

0.735, 264.504, 1+His+Asn+0rn+Ile; 0.732, 263.944, 1+His+Asn+Thr+0rn; 0.732, 265.541, 1+His+Asn+0rn+Leu; 0.730, 265.947, 1+His+Asn+0rn+BCAA; 0.728, 264.813, 1+His+Asn+Ser+0rn; 0.728, 264.782, 1+His+Asn+Gly+0rn; 0.728, 264.931, 1+His+Asn+0rn+Cys; 0.726, 266.307, 1+His+Asn+Pro+0rn; 0.726, 263.377, 1+His+Asn+Asp+0rn; 0.724, 266.291, 1+His+Asn+3MeHis+0rn; 0.724, 266.277, 1+His+Asn+Gln+0rn; 0.724, 266.300, 1+His+Asn+0rn+Met; 0.724, 265.906, 1+His+Asn+Cit+0rn; 0.723, 266.489, 1+His+Asn+0rn+Val; 0.723, 266.272, 1+His+Asn+Tau+0rn; 0.722, 266.541, 1+His+Asn+Ala+0rn; 0.722, 266.542, 1+His+Asn+0rn+Lys; 0.722, 266.122, 1+His+Asn+Arg+0rn; 0.722, 266.536, 1+His+Asn+0rn+Tyr; 0.721, 266.378, 1+His+Asn+0rn+Trp; 0.721, 266.490, 1+His+Asn+Glu+0rn; 0.721, 265.091, 1+His+Asn+0rn+Phe; 0.719, 265.976, 1+His+Asn+Ser+Arg; 0.716, 262.212, 1+His+Asn+Gly+Asp; 0.716, 267.350, 1+His+0rn+Leu+Phe; 0.715, 260.861, 1+His+Asn+Ser+Asp; 0.714, 271.453, 1+His+Gly+Ala+0rn; 0.714, 271.120, 1+His+3MeHis+Ala+0rn; 0.713, 266.685, 1+His+Asn+Arg+Gly; 0.712, 268.002, 1+His+0rn+Ile+Phe; 0.712, 268.333, 1+His+Ser+0rn+Phe; 0.710, 270.200, 1+His+Gln+0rn+Cys; 0.710, 266.501, 1+His+0rn+Cys+Phe; 0.710, 268.430, 1+His+Gly+0rn+Phe; 0.710, 267.764, 1+His+Tau+0rn+Phe; 0.709, 268.397, 1+His+Gln+0rn+Phe; 0.709, 267.492, 1+His+Asp+0rn+Phe; 0.709, 268.445, 1+His+0rn+Phe+BCAA; 0.709, 268.741, 1+His+Ala+0rn+Phe; 0.709, 268.248, 1+His+Asp+0rn+Cys; 0.709, 270.176, 1+His+Ala+0rn+Cys; 0.708, 269.420, 1+His+Arg+0rn+Cys; 0.707, 269.469, 1+His+0rn+Cys+Tyr; 0.707, 271.883, 1+His+Tau+Ala+0rn; 0.707, 267.914, 1+His+3MeHis+0rn+Phe; 0.707, 272.015, 1+His+Ser+Ala+0rn; 0.707, 264.324, 1+Asn+Ser+Asp+Thr; 0.706, 268.898, 1+His+0rn+Met+Phe; 0.706, 268.156, 1+His+Asn+Arg+Ile; 0.706, 27

0.155, 1+Asn+Thr+Orn+Ile;0.705, 270.958, 1+His+Tau+Orn+Cys;0.705, 272.396, 1+His+Ala+Orn+Ile;0.705, 272.314, 1+His+Cit+Ala+Orn;0.705, 268.762, 1+His+Asn+3MeHis+Arg;0.705, 272.462, 1+His+Ala+Orn+Leu;0.705, 272.498, 1+His+Ala+Orn+Met;0.705, 269.197, 1+His+Thr+Orn+Phe;0.705, 272.494, 1+His+Glu+Ala+Orn;0.705, 272.493, 1+His+Ala+Orn+BCAA;0.705, 271.636, 1+His+Arg+Ala+Orn;0.705, 269.106, 1+His+Cit+Orn+Phe;0.705, 270.492, 1+His+Asn+Lys+Ile;0.704, 267.405, 1+His+Asn+Gly+Cit;0.704, 272.451, 1+His+Thr+Ala+Orn;0.704, 270.789, 1+His+3MeHis+Orn+Cys;0.704, 269.210, 1+His+Glu+Orn+Phe;0.704, 271.060, 1+His+Cit+Orn+Cys;0.704, 270.992, 1+His+Gly+Orn+Cys;0.704, 272.011, 1+His+Gln+Ala+Orn;0.704, 266.672, 1+His+Asn+Arg+Asp;0.704, 271.027, 1+His+Glu+Orn+Cys;0.704, 271.444, 1+His+Ala+Orn+Tyr;0.704, 272.326, 1+His+Ala+Orn+Val;0.704, 269.149, 1+His+Orn+Val+Phe;0.703, 270.942, 1+His+Orn+Cys+Met;0.703, 269.203, 1+His+Pro+Orn+Phe;0.703, 265.711, 1+His+Asn+3MeHis+Asp;0.703, 269.572, 1+His+Asn+Gly+Lys;0.703, 272.725, 1+Asn+Orn+Cys+Ile;0.703, 269.279, 1+His+Orn+Tyr+Phe;0.703, 272.332, 1+His+Ala+Pro+Orn;0.703, 269.277, 1+His+Orn+Lys+Phe;0.702, 271.252, 1+His+Ser+Orn+Cys;0.702, 270.495, 1+His+Pro+Orn+Cys;0.702, 269.249, 1+His+Asn+Arg+Met;0.702, 271.025, 1+His+Orn+Cys+Val;0.702, 271.703, 1+His+Gln+Gly+Orn;0.702, 266.722, 1+His+Asn+Asp+Thr;0.702, 271.284, 1+His+Orn+Cys+Leu;0.702, 271.280, 1+His+Orn+Cys+Ile;0.701, 269.319, 1+His+Asn+Val+BCAA;0.701, 268.037, 1+His+Asn+Arg+Cys;0.701, 271.226, 1+His+Orn+Tyr+Leu;0.701, 269.884, 1+His+Orn+Cys+Lys;0.701, 269.040, 1+His+Asn+Thr+Lys;0.701, 266.860, 1+His+Asn+Asp+Lys;0.701, 268.655, 1+His+3MeHis+Asp+Orn;0.701, 268.216, 1+His+Asn+Arg+Thr;0.701, 271.330, 1+His+Ala+Orn+Trp;0.701, 269.160, 1+His+Arg+Orn+Phe;0.701, 270.912, 1+His+Thr+Orn+Cys;0.701, 271.209, 1+His+Orn+Cys+BCAA;0.701, 272.252, 1+Asn+Asp+Orn+Ile;0.701, 268.848, 1+His+Orn+Phe+Trp;0.701, 271.956, 1+Asn+Ser+Arg+Ile;0.701, 272.447, 1+Asn+Ser+Orn+Ile;0.701, 269.827, 1+His+Tau+Asp+Orn;0.700, 270.470, 1+His+Asp+Ala+Orn;0.700, 270.716, 1+Asn+3MeHis+Thr+Orn;0.

700, 270.363, 1+His+Asn+Thr+Trp; 0.700, 272.229, 1+His+Gly+Pro+Orn

[0127] [14. アミノ酸5変数の式]

0.746, 262.572, 1+His+Asn+Orn+Ile+Phe; 0.743, 264.174, 1+His+Asn+Orn+Val+B
CAA; 0.741, 263.058, 1+His+Asn+Gly+Thr+Orn; 0.741, 264.488, 1+His+Asn+Gly+O
rn+Ile; 0.741, 264.806, 1+His+Asn+Orn+Cys+Ile; 0.741, 258.537, 1+His+Asn+Se
r+Arg+Asp; 0.741, 262.801, 1+His+Asn+Asp+Orn+Ile; 0.741, 264.092, 1+His+Asn
+Arg+Val+BAA; 0.740, 263.924, 1+His+Asn+Orn+Leu+Phe; 0.739, 263.622, 1+His
+Asn+Thr+Orn+Phe; 0.739, 262.902, 1+His+Asn+Asp+Thr+Orn; 0.739, 264.814, 1+
His+Asn+Thr+Orn+Ile; 0.739, 264.995, 1+His+Asn+Thr+Orn+Trp; 0.739, 264.923
, 1+His+Asn+Thr+Orn+Cys; 0.739, 259.042, 1+His+Asn+Ser+Asp+Orn; 0.738, 263.
969, 1+His+Asn+Arg+Val+Ile; 0.738, 264.035, 1+His+Asn+Ser+Thr+Orn; 0.738, 2
66.053, 1+His+Asn+Orn+Cys+Leu; 0.737, 265.999, 1+His+Asn+Orn+Val+Leu; 0.73
7, 264.916, 1+His+Asn+Gly+Orn+Leu; 0.737, 265.282, 1+His+Asn+Ser+Orn+Ile; 0.
.737, 265.398, 1+His+Asn+Arg+Orn+Ile; 0.737, 264.717, 1+His+Asn+Orn+Val+Il
e; 0.737, 265.937, 1+His+Asn+Orn+Ile+Trp; 0.737, 266.494, 1+His+Asn+Pro+Orn
+Ile; 0.736, 265.326, 1+His+Asn+Gly+Orn+BAA; 0.736, 265.925, 1+His+Asn+Ser
+Orn+Leu; 0.736, 265.408, 1+His+Asn+3MeHis+Thr+Orn; 0.736, 266.391, 1+His+A
sn+Ala+Orn+Ile; 0.736, 267.042, 1+His+Asn+3MeHis+Orn+Leu; 0.736, 266.258, 1
+His+Asn+3MeHis+Orn+Ile; 0.736, 266.504, 1+His+Asn+Orn+Met+Ile; 0.736, 265
.064, 1+His+Asn+Orn+Phe+BAA; 0.735, 265.781, 1+His+Asn+Orn+Tyr+Ile; 0.735
, 261.542, 1+His+Asn+Gly+Asp+Orn; 0.735, 266.504, 1+His+Asn+Glu+Orn+Ile; 0.
735, 265.740, 1+His+Asn+Gln+Thr+Orn; 0.735, 265.519, 1+His+Asn+Ser+Orn+Cys
; 0.735, 266.443, 1+His+Asn+Gln+Orn+Ile; 0.735, 265.726, 1+His+Asn+Thr+Orn+
Leu; 0.734, 265.735, 1+His+Asn+Thr+Orn+Val; 0.734, 266.209, 1+His+Asn+Ser+G
ln+Orn; 0.734, 266.464, 1+His+Asn+Tau+Orn+Ile; 0.734, 265.585, 1+His+Asn+Gl
n+Gly+Orn; 0.734, 266.189, 1+His+Asn+Ser+Orn+BAA; 0.734, 266.329, 1+His+As
n+Orn+Cys+BAA; 0.734, 265.828, 1+His+Asn+Thr+Orn+Met; 0.734, 266.156, 1+Hi
s+Asn+Orn+Lys+Ile; 0.734, 267.149, 1+His+Asn+Orn+Leu+Trp; 0.734, 266.954, 1

+His+Asn+Arg+Orn+Leu;0.734,260.995,1+His+Asn+Gly+Asp+Thr;0.734,267.226,1+His+Asn+Orn+Leu+BCAA;0.734,266.463,1+His+Asn+Orn+Ile+Leu;0.734,264.475,1+His+Asn+Asp+Orn+Leu;0.734,267.483,1+His+Asn+3MeHis+Orn+BCAA;0.733,266.155,1+His+Asn+Gly+Orn+Val;0.733,267.486,1+His+Asn+Gln+Orn+Leu;0.733,265.812,1+His+Asn+Thr+Orn+Tyr;0.733,265.944,1+His+Asn+Glu+Thr+Orn;0.733,265.854,1+His+Asn+Thr+Pro+Orn;0.732,265.912,1+His+Asn+Thr+Orn+BCAA;0.732,267.214,1+His+Asn+Orn+Tyr+Leu;0.732,267.518,1+His+Asn+Pro+Orn+Leu;0.732,265.943,1+His+Asn+Tau+Thr+Orn;0.732,265.944,1+His+Asn+Thr+Ala+Orn;0.732,267.541,1+His+Asn+Ala+Orn+Leu;0.732,267.515,1+His+Asn+Tau+Orn+Leu;0.732,264.028,1+His+Asn+3MeHis+Asp+Orn;0.732,265.610,1+His+Asn+Cit+Thr+Orn;0.732,265.522,1+His+Asn+Gly+Orn+Cys;0.732,265.568,1+His+Asn+Orn+Ile+BCAA;0.732,265.729,1+His+Asn+Cit+Orn+Ile;0.732,267.486,1+His+Asn+Orn+Met+Leu;0.732,266.267,1+His+Asn+Cit+Orn+Cys;0.732,265.775,1+His+Asn+Thr+Orn+Lys;0.732,267.536,1+His+Asn+Glu+Orn+Leu;0.732,264.507,1+His+Asn+Ser+Orn+Phe;0.732,267.392,1+His+Asn+Orn+Lys+Leu;0.732,266.758,1+His+Asn+Cit+Orn+Leu;0.731,266.516,1+His+Asn+Tau+Gly+Orn;0.731,266.789,1+His+Asn+Pro+Orn+Cys;0.731,265.163,1+His+Asn+Ser+Arg+Orn;0.731,265.583,1+His+Asn+Arg+Thr+Orn;0.731,267.848,1+His+Asn+Orn+Met+BCAA;0.731,264.683,1+His+Asn+Asp+Pro+Orn;0.731,266.707,1+His+Asn+Ser+Ala+Orn;0.731,263.240,1+His+Asn+Asp+Orn+Cys;0.731,266.539,1+His+Asn+Tau+Ser+Orn;0.731,267.872,1+His+Asn+Pro+Orn+BCAA;0.731,267.421,1+His+Asn+Arg+Orn+BCAA;0.731,264.869,1+His+Asn+Asp+Orn+BCAA;0.731,258.875,1+His+Asn+Ser+Asp+Cit;0.730,266.517,1+His+Asn+Gln+Orn+Cys;0.730,267.543,1+His+Asn+Orn+Trp+BCAA;0.730,266.654,1+His+Asn+Ser+Orn+Val;0.730,266.641,1+His+Asn+Gly+Pro+Orn;0.730,262.744,1+His+Asn+Asp+Val+Ile;0.730,266.842,1+His+Asn+Tau+Orn+Cys;0.730,267.850,1+His+Asn+Gln+Orn+BCAA;0.730,266.792,1+His+Asn+Ser+Pro+Orn;0.730,265.738,1+His+Asn+Gly+Cit+Orn;0.730,267.946,1+His+Asn+Ala+Orn+BCAA;0.729,266.858,1+His+As

n+Orn+Cys+Val;0.729,265.404,1+His+Asn+Ser+Cit+Orn;0.729,266.225,1+His+Asn+Arg+Gly+Ile;0.729,267.947,1+His+Asn+Glu+Orn+BCAA;0.729,266.693,1+His+Asn+Gly+Ala+Orn;0.729,266.774,1+His+Asn+Gly+Orn+Lys;0.729,267.885,1+His+Asn+Tau+Orn+BCAA;0.729,265.117,1+His+Asn+Gly+Orn+Phe;0.729,266.181,1+His+Asn+Arg+Orn+Cys;0.729,267.253,1+His+Asn+Cit+Orn+BCAA;0.729,266.329,1+His+Asn+Gly+Glu+Orn;0.729,266.797,1+His+Asn+Ser+Orn+Met;0.729,266.256,1+His+Asn+Ser+Arg+Ile;0.729,268.004,1+His+Asn+Gln+Pro+Orn;0.729,267.745,1+His+Asn+Orn+Tyr+BCAA;0.728,266.566,1+His+Asn+Gly+Orn+Met;0.728,266.849,1+His+Asn+3MeHis+Orn+Cys;0.728,266.812,1+His+Asn+Ser+Orn+Lys;0.728,267.861,1+His+Asn+3MeHis+Gln+Orn;0.728,267.753,1+His+Asn+Arg+Pro+Orn;0.728,266.735,1+His+Asn+Ser+Orn+Trp;0.728,266.762,1+His+Asn+Gly+Orn+Trp;0.728,266.301,1+His+Asn+Ser+Gly+Orn;0.728,266.809,1+His+Asn+3MeHis+Ser+Orn;0.728,266.772,1+His+Asn+Gly+Orn+Tyr;0.728,266.623,1+His+Asn+Ser+Orn+Tyr;0.728,268.134,1+His+Asn+3MeHis+Orn+Val;0.728,263.367,1+His+Asn+Asp+Val+BCAA;0.728,267.654,1+His+Gly+Orn+Leu+Phe;0.728,266.130,1+His+Asn+Arg+Gly+Orn;0.728,266.931,1+His+Asn+Ala+Orn+Cys;0.728,267.844,1+His+Asn+Orn+Lys+BCAA;0.728,266.896,1+His+Asn+Orn+Cys+Met;0.728,264.747,1+His+Asn+Asp+Glu+Orn;0.727,268.291,1+His+Asn+Pro+Orn+Val;0.727,265.139,1+His+Asn+Orn+Cys+Phe;0.727,268.078,1+His+Asn+3MeHis+Pro+Orn;0.727,266.671,1+His+Asn+Glu+Orn+Cys;0.727,266.145,1+His+3MeHis+Orn+Leu+Phe;0.727,264.949,1+His+Asn+Asp+Orn+Met;0.727,265.910,1+His+Asn+Arg+Ile+BCAA;0.727,267.973,1+His+Asn+Tau+3MeHis+Orn;0.727,266.738,1+His+Asn+3MeHis+Gly+Orn;0.727,266.888,1+His+Ser+Asp+Orn+Phe;0.727,266.720,1+His+Asn+Ser+Glu+Orn;0.727,268.108,1+His+Asn+Tau+Pro+Orn;0.727,264.806,1+His+Asn+Tau+Asp+Orn;0.727,266.308,1+His+Asn+Orn+Met+Phe;0.727,266.612,1+His+Asn+Orn+Tyr+Phe;0.727,267.531,1+His+Asn+Arg+Orn+Met;0.727,266.896,1+His+Asn+Orn+Cys+Tyr;0.727,266.615,1+His+Asn+Orn+Val+Phe;0.727,267.990,1+His+Asn+Gln+Orn+Met;0.727,264.981,1

+His+Asn+Asp+Cit+Orn;0.727,268.286,1+His+Asn+Ala+Pro+Orn;0.727,268.041,1+His+Asn+Tau+Orn+Met;0.727,268.300,1+His+Asn+Pro+Orn+Lys;0.727,264.579,1+His+Asn+Asp+Orn+Phe;0.727,266.687,1+His+Asn+Pro+Orn+Phe;0.726,268.274,1+His+Asn+Glu+Pro+Orn;0.726,268.011,1+His+Asn+Tau+Gln+Orn;0.726,260.874,1+His+Asn+Ser+Asp+Thr;0.726,268.137,1+His+Asn+Pro+Orn+Trp;0.726,265.358,1+His+Asn+Arg+Asp+Orn;0.726,267.234,1+His+Orn+Val+Leu+Phe;0.726,266.896,1+His+Asn+Orn+Cys+Lys;0.726,268.137,1+His+Asn+Pro+Orn+Met;0.726,267.701,1+His+Asn+3MeHis+Arg+Orn;0.726,263.032,1+His+Asn+Arg+Gly+Asp;0.726,265.372,1+His+Asn+Asp+Orn+Val;0.726,267.060,1+His+Orn+Val+Phe+BCAA;0.726,267.416,1+His+Asn+Cit+Pro+Orn;0.726,265.377,1+His+Asn+Asp+Orn+Lys;0.726,265.184,1+His+Asn+Asp+Orn+Tyr;0.726,266.759,1+His+Asn+Orn+Cys+Trp;0.726,267.839,1+His+Asn+Tau+Arg+Orn;0.725,268.112,1+His+Asn+3MeHis+Orn+Met;0.725,261.976,1+His+Asn+Gly+Asp+Cit;0.725,261.496,1+His+Asn+Ser+Asp+Lys;0.725,266.389,1+His+Asn+Ser+Arg+Thr;0.725,267.496,1+His+Asn+3MeHis+Cit+Orn;0.725,260.778,1+His+Asn+Ser+Asp+Phe;0.725,268.068,1+His+Asn+Arg+Orn+Val;0.725,265.375,1+His+Asn+Gln+Asp+Orn

[0128] [15. アミノ酸6変数の式]

0.758,260.134,1+His+Asn+Asp+Thr+Val+Ile;0.758,262.965,1+His+Asn+Thr+Orn+Val+BCAA;0.757,260.870,1+His+Asn+Orn+Val+Phe+BCAA;0.755,261.881,1+His+Asn+Gly+Orn+Ile+Phe;0.753,260.987,1+His+Asn+Arg+Asp+Val+Ile;0.753,257.843,1+His+Asn+Ser+Asp+Thr+Orn;0.753,262.474,1+His+Asn+Ser+Orn+Ile+Phe;0.752,260.302,1+His+Asn+Gly+Asp+Orn+Ile;0.752,261.350,1+His+Asn+Asp+Orn+Val+BCAA;0.752,261.692,1+His+Asn+Gly+Orn+Leu+Phe;0.752,263.083,1+His+Asn+Thr+Orn+Val+Ile;0.752,263.546,1+His+Asn+Gln+Gly+Thr+Orn;0.752,262.034,1+His+Asn+Arg+Thr+Val+Ile;0.752,261.912,1+His+Asn+Asp+Orn+Ile+Phe;0.751,263.997,1+His+Asn+Arg+Orn+Val+BCAA;0.751,261.898,1+His+Asn+Arg+Asp+Val+BCAA;0.751,259.640,1+His+Asn+Gly+Asp+Thr+Orn;0.751

, 263.059, 1+His+Asn+Orn+Val+Ile+Phe; 0.751, 262.228, 1+His+Asn+Orn+Cys+Ile+Phe; 0.751, 262.417, 1+His+Asn+Thr+Orn+Ile+Phe; 0.750, 262.708, 1+His+Asn+Arg+Thr+Val+BCAA; 0.750, 261.282, 1+His+Asn+Asp+Thr+Val+BCAA; 0.750, 265.277, 1+His+Asn+Thr+Orn+Val+Leu; 0.750, 257.983, 1+His+Asn+Ser+Arg+Asp+Thr; 0.750, 262.552, 1+His+Asn+Asp+Orn+Cys+Ile; 0.750, 263.046, 1+His+Asn+Ser+Orn+Leu+Phe; 0.749, 264.293, 1+His+Asn+Ala+Orn+Ile+Phe; 0.749, 265.126, 1+His+Asn+Orn+Cys+Val+BCAA; 0.749, 261.296, 1+His+Asn+Asp+Orn+Val+Ile; 0.749, 265.170, 1+His+Asn+Gly+Orn+Cys+Ile; 0.749, 259.007, 1+His+Asn+Ser+Asp+Glu+Orn; 0.749, 262.924, 1+His+Asn+Gly+Orn+Phe+BCAA; 0.748, 264.236, 1+His+Asn+Orn+Ile+Phe+Trp; 0.748, 265.959, 1+His+Asn+Gly+Ala+Orn+Ile; 0.748, 264.377, 1+His+Asn+Orn+Met+Ile+Phe; 0.748, 262.460, 1+His+Asn+Ser+Thr+Orn+Phe; 0.748, 263.692, 1+His+Asn+Orn+Val+Leu+Phe; 0.748, 263.923, 1+His+Asn+Ser+Orn+Phe+BCAA; 0.748, 265.974, 1+His+Asn+Ala+Orn+Val+BCAA; 0.748, 263.956, 1+His+Asn+3MeHis+Orn+Leu+Phe; 0.748, 259.515, 1+His+Asn+Ser+Asp+Orn+Ile; 0.748, 258.828, 1+His+Asn+Ser+Arg+Asp+Ile; 0.748, 263.806, 1+His+Asn+Gly+Thr+Orn+Ile; 0.747, 263.011, 1+His+Asn+3MeHis+Asp+Thr+Orn; 0.747, 261.433, 1+His+Asn+Gly+Asp+Orn+Leu; 0.747, 262.593, 1+His+Asn+Asp+Thr+Ile+BCAA; 0.747, 264.112, 1+His+Asn+Orn+Ile+Phe+BCAA; 0.747, 263.870, 1+His+Asn+Cit+Orn+Ile+Phe; 0.747, 263.344, 1+His+Asn+3MeHis+Asp+Orn+Ile; 0.747, 263.724, 1+His+Asn+3MeHis+Orn+Ile+Phe; 0.747, 264.525, 1+His+Asn+Thr+Orn+Ile+BCAA; 0.747, 263.251, 1+His+Asn+Asp+Glu+Orn+Ile; 0.747, 265.248, 1+His+Asn+Orn+Tyr+Val+BCAA; 0.747, 263.831, 1+His+Asn+Arg+Cys+Val+Ile; 0.747, 264.508, 1+His+Asn+Gln+Orn+Ile+Phe; 0.746, 262.199, 1+His+Asn+Gly+Thr+Orn+Phe; 0.746, 263.375, 1+His+Asn+Asp+Thr+Orn+Ile; 0.746, 264.571, 1+His+Asn+Orn+Lys+Ile+Phe; 0.746, 265.380, 1+His+Asn+Gly+Orn+Val+BCAA; 0.746, 265.862, 1+His+Asn+Gly+Orn+Cys+Leu; 0.746, 264.559, 1+His+Asn+Pro+Orn+Ile+Phe; 0.746, 264.570, 1+His+Asn+Orn+Tyr+Ile+Phe; 0.746, 259.022, 1+His+Asn+Ser+Arg+Asp+Glu; 0.746, 265.388, 1+His+Asn+Thr+Orn+Ile+Trp; 0.746, 264.558, 1+His+Asn+Glu+Orn+Ile

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6, 269.906, 1+His+Asn+Arg+Orn+Tyr+Trp; 0.726, 266.209, 1+His+Asn+3MeHis+Asp+Thr+Trp; 0.726, 268.873, 1+His+Asn+Orn+Cys+Lys+Tyr; 0.726, 267.207, 1+His+Asn+Asp+Orn+Val+Trp; 0.726, 268.650, 1+His+Asn+Pro+Orn+Phe+Trp; 0.726, 264.989, 1+His+Asn+Arg+Gly+Asp+Glu; 0.726, 262.532, 1+His+Asn+Ser+Asp+Leu+Phe; 0.726, 268.493, 1+His+Asn+Gln+Orn+Lys+Phe; 0.726, 267.358, 1+His+Asn+Arg+Asp+Orn+Lys; 0.726, 269.430, 1+His+Arg+Gly+Orn+Leu+Phe; 0.726, 269.003, 1+His+Ser+Orn+Val+Phe+BCAA; 0.726, 267.863, 1+His+Asn+3MeHis+Ser+Arg+Thr; 0.726, 268.383, 1+His+Asn+Ser+Arg+Thr+Pro; 0.726, 270.001, 1+His+Asn+Tau+Gln+Orn+Tyr; 0.726, 269.823, 1+His+Asn+Gln+Orn+Met+Trp; 0.726, 269.831, 1+His+Asn+Tau+Arg+Orn+Lys; 0.726, 270.106, 1+His+Asn+Tau+Pro+Orn+Val; 0.726, 266.039, 1+His+Asn+Arg+Gly+Thr+Phe; 0.726, 268.712, 1+His+Asn+Orn+Cys+Met+Trp; 0.726, 267.369, 1+His+Asn+Asp+Orn+Lys+Val; 0.726, 268.311, 1+His+Tau+3MeHis+Orn+Ile+Phe; 0.726, 269.154, 1+His+Orn+Met+Val+Leu+Phe; 0.726, 269.997, 1+His+Asn+Tau+Orn+Lys+Met; 0.726, 269.988, 1+His+Asn+Tau+Gln+Orn+Lys; 0.726, 267.530, 1+His+Asn+Ser+Arg+Cit+Thr; 0.726, 269.987, 1+His+Asn+Gln+Glu+Orn+Met; 0.726, 273.064, 1+His+3MeHis+Ser+Arg+Ala+Orn; 0.726, 262.674, 1+His+Asn+Ser+Asp+Phe+BCAA; 0.726, 263.357, 1+His+Asn+Ser+Asp+Lys+Leu; 0.726, 267.912, 1+Asn+3MeHis+Asp+Thr+Val+Ile; 0.726, 269.365, 1+His+Asn+Gln+Cit+Orn+Met; 0.726, 268.345, 1+His+Asn+Arg+Gly+Cys+Leu; 0.726, 270.235, 1+His+Asn+Pro+Orn+Tyr+Val; 0.726, 271.954, 1+His+Gln+Gly+Ala+Orn+Cys; 0.726, 266.509, 1+His+Asn+Tau+Asp+Ala+Orn; 0.726, 264.938, 1+His+Asn+Arg+Gly+Asp+Lys; 0.726, 268.582, 1+His+Asn+Arg+Orn+Val+Phe; 0.726, 269.248, 1+His+3MeHis+Cit+Orn+Phe+BCAA; 0.726, 269.058, 1+His+Thr+Orn+Val+Phe+BCAA; 0.726, 268.943, 1+His+Gly+Orn+Leu+Phe+Trp; 0.726, 268.382, 1+His+Asn+Ser+Arg+Thr+Leu; 0.726, 270.024, 1+His+Asn+Orn+Met+Val+Trp; 0.726, 269.948, 1+His+Asn+Tau+3MeHis+Orn+Tyr; 0.726, 270.070, 1+His+Asn+Tau+Glu+Pro+Orn; 0.726, 267.838, 1+His+Asn+Thr+Ile+Phe+BCAA; 0.726, 264.547, 1+His+Asn+Tau+Gly+Asp+Ile; 0.726, 263.490, 1+His+Asn+Ser+Asp+Lys+Tyr; 0.726, 263.363, 1+His+Asn+Ser+Gl

n+Asp+Lys;0.726,265.030,1+His+Asn+Arg+Gly+Asp+Trp;0.726,264.322,1+His+Asn+Gly+Asp+Lys+BCAA;0.726,266.773,1+His+Asn+Asp+Ala+Orn+Met;0.726,266.517,1+His+Asn+Asp+Glu+Ala+Orn;0.726,266.335,1+His+Asn+Arg+Asp+Cys+Ile;0.726,269.044,1+His+Tau+Gln+Gly+Orn+Phe;0.726,267.170,1+His+Asn+Asp+Orn+Lys+Tyr;0.726,269.330,1+His+3MeHis+Ser+Orn+Phe+BCAA;0.726,269.837,1+His+Asn+Arg+Lys+Val+Leu;0.726,270.001,1+His+Asn+Tau+Glu+Orn+Met;0.726,269.382,1+His+Asn+3MeHis+Arg+Glu+Orn;0.726,268.749,1+His+Asn+Orn+Cys+Lys+Trp;0.726,263.198,1+His+Asn+Gly+Asp+Cit+BCAA;0.726,269.374,1+His+Asp+Glu+Orn+Leu+Phe;0.726,268.427,1+His+Asn+Ser+Gln+Arg+Gly;0.726,270.086,1+His+Asn+Gln+Orn+Val+Trp;0.726,270.099,1+His+Asn+Glu+Pro+Orn+Trp;0.726,270.274,1+His+Asn+Ala+Orn+Met+Val;0.726,262.232,1+His+Asn+Ser+Asp+Thr+Cys;0.726,263.976,1+His+Asn+Gly+Asp+Glu+Cit;0.726,266.312,1+His+Asn+3MeHis+Asp+Cit+Pro;0.726,269.046,1+His+Orn+Tyr+Val+Leu+Phe;0.726,269.056,1+His+Orn+Met+Val+Phe+BCAA;0.726,268.257,1+His+Asn+Ser+Arg+Thr+Met;0.726,269.812,1+His+Asn+Tau+Pro+Orn+Trp;0.726,270.032,1+His+Asn+3MeHis+Glu+Ala+Orn;0.726,269.932,1+His+Asn+Gln+Arg+Orn+Lys;0.726,269.593,1+His+Asn+Gln+Arg+Cit+Orn;0.726,269.585,1+His+Asn+Cit+Orn+Met+Val;0.726,269.823,1+Asn+Asp+Thr+Ile+Trp+BCAA;0.726,267.533,1+His+Asn+Arg+Cit+Ile+BCAA;0.726,269.673,1+His+Ser+Gln+Orn+Leu+Phe;0.725,268.956,1+His+Asn+Gln+Arg+Gly+Leu;0.725,267.927,1+His+Asn+Ser+Arg+Gly+Cys;0.725,269.315,1+His+Asn+Glu+Cit+Pro+Orn;0.725,269.264,1+His+Asn+Cit+Orn+Met+Trp;0.725,266.779,1+Asn+3MeHis+Ser+Arg+Asp+Ile;0.725,262.774,1+His+Asn+Ser+Asp+Met+Phe;0.725,270.252,1+His+Tau+3MeHis+Asp+Ala+Orn;0.725,268.516,1+His+Ser+Asp+Orn+Phe+Trp;0.725,267.719,1+His+Asn+Ser+Arg+Thr+Val;0.725,268.157,1+His+Asn+Ser+Arg+Cys+Leu;0.725,268.995,1+His+Asn+Tau+Cit+Orn+Trp;0.725,262.670,1+His+Asn+Ser+Asp+Glu+Pro;0.725,266.355,1+His+Asn+Asp+Ala+Orn+Phe;0.725,268.140,1+His+Asn+Tau+Orn+Lys+Phe;0.725,266.866,1+His+Asn+Ser+Arg+Gly+Thr;0.725,269.296,1+Hi

s+Asn+3MeHis+Cit+Orn+Trp;0.725, 267.243, 1+His+Asn+Gln+Asp+Orn+Trp;0.725, 268.335, 1+His+Asn+3MeHis+Orn+Lys+Phe;0.725, 263.246, 1+His+Asn+Gly+Asp+Cit+Tyr;0.725, 270.033, 1+His+Ser+Cit+Orn+Leu+Phe;0.725, 269.993, 1+His+Asn+Tau+Gln+Orn+Val;0.725, 269.929, 1+His+Asn+Gln+Arg+Orn+Val;0.725, 262.636, 1+His+Asn+Ser+Asp+Tyr+Phe;0.725, 268.242, 1+His+Asn+Gln+Cit+Orn+Phe;0.725, 269.441, 1+His+Tau+Ser+Orn+Leu+Phe;0.725, 270.092, 1+His+Asn+Ser+Thr+Phe+Trp;0.725, 270.575, 1+His+Asn+Gly+Lys+Val+Ile;0.725, 270.128, 1+His+Asn+Pro+Orn+Tyr+Trp;0.725, 268.049, 1+His+Asn+Asp+Glu+Thr+Trp;0.725, 268.241, 1+His+Asn+Asp+Thr+Ile+Trp;0.725, 267.998, 1+His+Asn+Tau+Gln+Orn+Phe;0.725, 268.655, 1+His+Ser+Ala+Orn+Cys+Phe;0.725, 268.923, 1+His+Gly+Ala+Orn+Cys+Phe;0.725, 268.309, 1+His+Asn+Ser+Arg+Glu+Thr;0.725, 268.225, 1+His+Asn+Gly+Thr+Val+Ile;0.725, 263.484, 1+His+Asn+Ser+Asp+Lys+Met;0.725, 269.947, 1+His+Asn+Gln+Orn+Lys+Met;0.725, 269.452, 1+His+Asn+Cit+Orn+Val+Trp;0.725, 267.683, 1+His+Asn+Tau+Cit+Orn+Phe;0.725, 264.490, 1+Asn+Ser+Asp+Thr+Ile+Phe;0.725, 267.797, 1+His+Ser+Orn+Cys+Leu+Phe;0.725, 268.560, 1+His+Gln+Gly+Asp+Orn+Phe;0.725, 269.088, 1+Asn+Asp+Thr+Tyr+Val+Ile;0.725, 269.396, 1+His+Asn+Tau+Glu+Cit+Orn;0.725, 269.832, 1+His+Asn+Gln+Arg+Orn+Trp;0.725, 270.059, 1+His+Asn+Arg+Orn+Lys+Val;0.725, 268.749, 1+His+Asn+Orn+Cys+Tyr+Trp;0.725, 267.616, 1+His+Asn+Arg+Asp+Thr+Trp;0.725, 267.296, 1+His+Asn+Gly+Thr+Ile+Phe;0.725, 265.346, 1+Asn+Ser+Asp+Thr+Pro+Orn;0.725, 266.565, 1+His+Asn+Asp+Cit+Val+Leu;0.725, 269.930, 1+His+Ser+Orn+Tyr+Leu+Phe;0.725, 270.703, 1+His+Gly+Cit+Orn+Phe+BCAA

[0129] [2 1. 生化学 2 変数の式]

0.723, 255.038, 1+ALB+ALT;0.720, 261.158, 1+ALB+AST;0.716, 260.041, 1+ALB+NFA;0.715, 258.893, 1+ALB+BUN;0.706, 261.403, 1+ALB+T-BIL;0.704, 263.905, 1+ALB+Glc;0.704, 263.684, 1+ALB+gGT;0.700, 263.426, 1+ALB+Ca;0.700, 263.479, 1+ALB+BHBA

[0130] [2 2. 生化学 3 変数の式]

0.735, 253.211, 1+ALB+BUN+ALT;0.734, 258.533, 1+ALB+AST+NEFA;0.728, 256.521, 1+ALB+AST+ALT;0.728, 259.757, 1+ALB+AST+T-BIL;0.727, 256.324, 1+ALB+ALT+T-BIL;0.727, 255.913, 1+ALB+ALT+NEFA;0.725, 256.962, 1+ALB+ALT+Glc;0.725, 258.863, 1+ALB+BUN+AST;0.725, 256.900, 1+TP+ALB+ALT;0.724, 258.078, 1+ALB+BUN+T-BIL;0.724, 256.915, 1+ALB+ALT+TG;0.724, 256.456, 1+ALB+ALT+TCHO;0.723, 257.022, 1+ALB+ALT+gGT;0.723, 262.537, 1+ALB+AST+BHBA;0.723, 262.767, 1+TP+ALB+AST;0.723, 256.757, 1+ALB+ALT+BHBA;0.723, 256.552, 1+ALB+Ca+ALT;0.722, 258.215, 1+ALB+BUN+NEFA;0.721, 262.733, 1+ALB+Ca+AST;0.720, 263.100, 1+ALB+AST+Glc;0.718, 263.152, 1+ALB+AST+gGT;0.718, 262.730, 1+ALB+AST+TG;0.717, 262.659, 1+ALB+AST+TCHO;0.717, 260.265, 1+ALB+BUN+BHBA;0.717, 260.771, 1+ALB+BUN+Glc;0.717, 262.036, 1+ALB+NEFA+TG;0.716, 262.040, 1+ALB+NEFA+Glc;0.716, 261.623, 1+TP+ALB+NEFA;0.716, 262.038, 1+ALB+NEFA+T-BIL;0.716, 262.022, 1+ALB+NEFA+BHBA;0.716, 260.406, 1+TP+ALB+BUN;0.715, 261.977, 1+ALB+gGT+NEFA;0.715, 261.777, 1+ALB+Ca+NEFA;0.714, 260.256, 1+ALB+BUN+Ca;0.714, 260.795, 1+ALB+BUN+gGT;0.712, 260.311, 1+ALB+BUN+TCHO;0.710, 260.586, 1+ALB+BUN+TG;0.710, 263.196, 1+ALB+gGT+T-BIL;0.709, 263.250, 1+ALB+T-BIL+BHBA;0.708, 263.029, 1+TP+ALB+T-BIL;0.708, 263.072, 1+ALB+Ca+T-BIL;0.708, 260.737, 1+ALB+NEFA+TCHO;0.705, 265.284, 1+TP+ALB+gGT;0.705, 263.334, 1+ALB+T-BIL+TG;0.705, 265.661, 1+ALB+gGT+Glc;0.705, 263.372, 1+ALB+T-BIL+Glc;0.704, 262.427, 1+ALB+T-BIL+TCHO;0.704, 265.225, 1+ALB+Ca+gGT;0.704, 265.269, 1+ALB+gGT+BHBA;0.700, 265.135, 1+TP+ALB+BHBA;0.700, 265.163, 1+ALB+gGT+TG

[0131] [23. 生化学4変数の式]

0.739, 254.351, 1+ALB+BUN+ALT+T-BIL;0.739, 254.641, 1+ALB+BUN+ALT+NEFA;0.737, 254.938, 1+ALB+BUN+AST+ALT;0.737, 254.677, 1+ALB+BUN+Ca+ALT;0.737, 254.892, 1+TP+ALB+BUN+ALT;0.736, 255.038, 1+ALB+BUN+ALT+Glc;0.736, 254.733, 1+ALB+BUN+ALT+BHBA;0.736, 255.206, 1+ALB+BUN+ALT+gGT;0.736, 257.734, 1+ALB+BUN+AST+NEFA;0.735, 255.202, 1+ALB+BUN+ALT+TG;0.735, 254.733, 1+ALB+BUN

+ALT+TCHO;0.735, 259.856, 1+TP+ALB+AST+NEFA;0.734, 260.519, 1+ALB+AST+NEFA+Glc;0.734, 260.436, 1+ALB+AST+NEFA+TG;0.734, 257.484, 1+ALB+BUN+AST+T-BIL;0.734, 260.531, 1+ALB+AST+NEFA+BHBA;0.733, 256.921, 1+ALB+AST+ALT+NEFA;0.733, 260.356, 1+ALB+Ca+AST+NEFA;0.733, 260.499, 1+ALB+AST+NEFA+T-BIL;0.732, 260.305, 1+ALB+AST+gGT+NEFA;0.730, 259.904, 1+ALB+AST+NEFA+TCHO;0.730, 257.387, 1+ALB+AST+ALT+T-BIL;0.730, 260.174, 1+ALB+BUN+AST+BHBA;0.730, 257.656, 1+TP+ALB+ALT+NEFA;0.729, 261.129, 1+TP+ALB+AST+T-BIL;0.729, 258.134, 1+ALB+AST+ALT+BHBA;0.729, 260.723, 1+ALB+BUN+AST+Glc;0.729, 257.883, 1+ALB+AST+ALT+TCHO;0.729, 261.657, 1+ALB+AST+T-BIL+BHBA;0.728, 258.430, 1+ALB+AST+ALT+Glc;0.728, 258.068, 1+ALB+Ca+AST+ALT;0.728, 257.895, 1+ALB+ALT+NEFA+Glc;0.728, 258.329, 1+TP+ALB+AST+ALT;0.728, 261.748, 1+ALB+AST+T-BIL+Glc;0.728, 261.534, 1+ALB+Ca+AST+T-BIL;0.728, 258.509, 1+ALB+AST+ALT+gGT;0.728, 258.109, 1+TP+ALB+ALT+T-BIL;0.727, 261.756, 1+ALB+AST+T-BIL+TG;0.727, 257.332, 1+ALB+ALT+NEFA+TCHO;0.727, 258.307, 1+ALB+ALT+gGT+T-BIL;0.727, 261.700, 1+ALB+AST+gGT+T-BIL;0.727, 258.320, 1+ALB+ALT+T-BIL+TG;0.727, 258.320, 1+ALB+ALT+T-BIL+Glc;0.727, 258.324, 1+ALB+ALT+T-BIL+BHBA;0.727, 260.357, 1+ALB+BUN+Ca+AST;0.727, 258.748, 1+TP+ALB+ALT+TG;0.727, 257.913, 1+ALB+ALT+NEFA+T-BIL;0.727, 258.407, 1+ALB+AST+ALT+TG;0.727, 257.894, 1+ALB+ALT+NEFA+TG;0.727, 257.913, 1+ALB+ALT+gGT+NEFA;0.726, 257.907, 1+ALB+ALT+NEFA+BHBA;0.726, 258.844, 1+TP+ALB+ALT+gGT;0.726, 257.780, 1+ALB+ALT+T-BIL+TCHO;0.726, 261.320, 1+ALB+AST+T-BIL+TCHO;0.726, 263.947, 1+TP+ALB+AST+BHBA;0.726, 257.579, 1+ALB+Ca+ALT+NEFA;0.726, 257.948, 1+ALB+Ca+ALT+T-BIL;0.726, 258.522, 1+TP+ALB+ALT+BHBA;0.726, 258.677, 1+ALB+ALT+BHBA+TG;0.725, 258.279, 1+ALB+ALT+TG+TCHO;0.725, 258.372, 1+TP+ALB+Ca+ALT;0.725, 260.202, 1+TP+ALB+BUN+AST;0.725, 258.393, 1+ALB+ALT+Glc+TCHO;0.725, 258.834, 1+ALB+ALT+Glc+TG;0.725, 258.366, 1+TP+ALB+ALT+TCHO;0.725, 258.824, 1+TP+ALB+ALT+Glc

[0132] [24. 生化学5変数の式]

0.740, 255.932, 1+TP+ALB+BUN+ALT+T-BIL; 0.740, 256.577, 1+ALB+BUN+ALT+NEFA+TG; 0.740, 256.293, 1+ALB+BUN+ALT+T-BIL+TG; 0.740, 255.934, 1+ALB+BUN+Ca+ALT+T-BIL; 0.740, 256.622, 1+ALB+BUN+ALT+gGT+NEFA; 0.740, 255.931, 1+ALB+BUN+ALT+T-BIL+TCHO; 0.740, 256.125, 1+ALB+BUN+AST+ALT+NEFA; 0.739, 255.778, 1+ALB+BUN+AST+ALT+T-BIL; 0.739, 256.201, 1+ALB+BUN+ALT+NEFA+TCHO; 0.739, 256.351, 1+ALB+BUN+ALT+NEFA+T-BIL; 0.739, 256.244, 1+TP+ALB+BUN+ALT+NEFA; 0.739, 256.213, 1+ALB+BUN+Ca+ALT+NEFA; 0.739, 256.316, 1+ALB+BUN+ALT+T-BIL+BHBA; 0.738, 256.346, 1+ALB+BUN+ALT+gGT+T-BIL; 0.738, 256.293, 1+TP+ALB+BUN+Ca+ALT; 0.738, 256.293, 1+ALB+BUN+ALT+T-BIL+Glc; 0.738, 256.517, 1+ALB+BUN+ALT+NEFA+Glc; 0.738, 256.442, 1+ALB+BUN+Ca+AST+ALT; 0.737, 256.247, 1+TP+ALB+BUN+ALT+BHBA; 0.737, 256.389, 1+ALB+BUN+AST+ALT+TCHO; 0.737, 256.406, 1+ALB+BUN+AST+ALT+BHBA; 0.737, 256.447, 1+ALB+BUN+ALT+NEFA+BHBA; 0.737, 256.762, 1+ALB+BUN+AST+ALT+Glc; 0.737, 256.662, 1+ALB+BUN+Ca+ALT+gGT; 0.737, 256.563, 1+TP+ALB+BUN+AST+ALT; 0.737, 256.492, 1+TP+ALB+BUN+ALT+TCHO; 0.737, 259.597, 1+ALB+BUN+AST+NEFA+TG; 0.737, 259.637, 1+ALB+BUN+AST+NEFA+Glc; 0.737, 256.186, 1+ALB+BUN+Ca+ALT+TCHO; 0.737, 256.665, 1+ALB+BUN+Ca+ALT+TG; 0.737, 256.232, 1+ALB+BUN+ALT+BHBA+TCHO; 0.737, 256.563, 1+ALB+BUN+ALT+Glc+TCHO; 0.736, 256.870, 1+TP+ALB+BUN+ALT+TG; 0.736, 256.930, 1+ALB+BUN+AST+ALT+TG; 0.736, 256.620, 1+ALB+BUN+Ca+ALT+Glc; 0.736, 257.029, 1+ALB+BUN+ALT+gGT+Glc; 0.736, 256.714, 1+ALB+BUN+ALT+gGT+BHBA; 0.736, 256.887, 1+TP+ALB+BUN+ALT+gGT; 0.736, 256.726, 1+TP+ALB+BUN+ALT+Glc; 0.736, 259.465, 1+ALB+BUN+Ca+AST+NEFA; 0.736, 258.528, 1+TP+ALB+AST+ALT+NEFA; 0.736, 256.673, 1+ALB+BUN+ALT+BHBA+Glc; 0.736, 259.456, 1+ALB+BUN+AST+gGT+NEFA; 0.736, 256.377, 1+ALB+BUN+Ca+ALT+BHBA; 0.735, 256.733, 1+ALB+BUN+ALT+BHBA+TG; 0.735, 257.194, 1+ALB+BUN+ALT+gGT+TG; 0.735, 262.402, 1+ALB+AST+NEFA+T-BIL+TG; 0.735, 261.776, 1+TP+ALB+AST+NEFA+TG; 0.735, 259.472, 1+ALB+BUN+AST+T-BIL+Glc; 0.735, 256.733, 1+ALB+BUN+ALT+gGT+TCHO; 0.735, 259.423, 1+ALB+BUN+AST+T-BIL+TG; 0.735, 258.916, 1+TP+ALB+BUN+AST+NEFA; 0.735, 257.023, 1+ALB+BUN+ALT+Glc+TG;

0.735, 256.866, 1+ALB+BUN+AST+ALT+gGT; 0.735, 261.843, 1+TP+ALB+AST+NEFA+Glc; 0.735, 261.809, 1+TP+ALB+AST+NEFA+T-BIL; 0.734, 262.436, 1+ALB+AST+NEFA+BHBA+TG; 0.734, 259.623, 1+ALB+BUN+AST+NEFA+BHBA; 0.734, 261.821, 1+TP+ALB+AST+NEFA+BHBA; 0.734, 259.273, 1+ALB+BUN+AST+NEFA+T-BIL; 0.734, 256.709, 1+ALB+BUN+ALT+TG+TCHO; 0.734, 258.892, 1+ALB+AST+ALT+NEFA+Glc; 0.734, 259.306, 1+ALB+BUN+AST+NEFA+TCHO; 0.734, 262.268, 1+ALB+Ca+AST+NEFA+TG; 0.734, 262.519, 1+ALB+AST+NEFA+BHBA+Glc; 0.734, 258.903, 1+ALB+AST+ALT+NEFA+BHBA; 0.734, 259.338, 1+ALB+BUN+AST+gGT+T-BIL; 0.734, 258.852, 1+ALB+AST+ALT+NEFA+TG; 0.734, 261.636, 1+TP+ALB+Ca+AST+NEFA; 0.734, 262.494, 1+ALB+AST+NEFA+T-BIL+Glc; 0.734, 259.199, 1+ALB+BUN+Ca+AST+T-BIL; 0.734, 262.426, 1+ALB+AST+NEFA+Glc+TG; 0.734, 258.333, 1+ALB+AST+ALT+NEFA+TCHO; 0.733, 262.229, 1+ALB+AST+gGT+NEFA+TG; 0.733, 258.909, 1+ALB+AST+ALT+NEFA+T-BIL; 0.733, 262.356, 1+ALB+Ca+AST+NEFA+Glc; 0.733, 259.053, 1+TP+ALB+AST+ALT+T-BIL; 0.733, 258.655, 1+ALB+Ca+AST+ALT+NEFA; 0.733, 259.472, 1+ALB+BUN+AST+T-BIL+BHBA; 0.733, 262.355, 1+ALB+Ca+AST+NEFA+BHBA; 0.733, 262.326, 1+ALB+Ca+AST+NEFA+T-BIL; 0.733, 262.289, 1+ALB+AST+gGT+NEFA+Glc; 0.733, 261.814, 1+ALB+AST+NEFA+TG+TCHO; 0.733, 261.175, 1+TP+ALB+AST+NEFA+TCHO; 0.733, 258.596, 1+TP+ALB+BUN+AST+T-BIL; 0.733, 262.493, 1+ALB+AST+NEFA+T-BIL+BHBA; 0.733, 259.200, 1+ALB+BUN+AST+T-BIL+TCHO; 0.732, 262.287, 1+ALB+AST+gGT+NEFA+T-BIL; 0.732, 262.302, 1+ALB+AST+gGT+NEFA+BHBA; 0.732, 262.121, 1+ALB+BUN+AST+BHBA+Glc; 0.732, 261.780, 1+TP+ALB+AST+gGT+NEFA; 0.732, 258.790, 1+ALB+AST+ALT+gGT+NEFA; 0.732, 258.795, 1+ALB+AST+ALT+T-BIL+TCHO; 0.731, 262.118, 1+ALB+Ca+AST+gGT+NEFA; 0.731, 259.109, 1+TP+ALB+ALT+NEFA+TCHO; 0.731, 261.894, 1+ALB+AST+NEFA+T-BIL+TCHO; 0.731, 261.903, 1+ALB+AST+NEFA+Glc+TCHO; 0.731, 259.831, 1+ALB+Ca+AST+ALT+BHBA; 0.731, 259.282, 1+TP+ALB+Ca+ALT+NEFA; 0.731, 259.420, 1+ALB+Ca+AST+ALT+TCHO; 0.731, 259.464, 1+ALB+AST+ALT+BHBA+TCHO; 0.730, 261.904, 1+ALB+AST+NEFA+BHBA+TCHO; 0.730, 259.081, 1+ALB+Ca+AST+ALT+T-BIL; 0.730, 259.386, 1+ALB+AST+ALT+T-BIL+TG; 0.730, 259.383, 1+ALB+AST+ALT+T-

BIL+Glc;0.730, 259.385, 1+ALB+AST+ALT+T-BIL+BHBA;0.730, 259.631, 1+TP+ALB+ALT+gGT+NEFA;0.730, 259.643, 1+TP+ALB+ALT+NEFA+TG;0.730, 259.628, 1+TP+ALB+ALT+NEFA+BHBA;0.730, 259.655, 1+TP+ALB+ALT+NEFA+T-BIL;0.730, 259.713, 1+ALB+AST+ALT+TG+TCHO;0.730, 259.638, 1+TP+ALB+ALT+NEFA+Glc;0.730, 263.126, 1+TP+ALB+AST+T-BIL+TG;0.729, 260.065, 1+ALB+AST+ALT+BHBA+TG;0.729, 260.117, 1+ALB+AST+ALT+BHBA+Glc;0.729, 263.118, 1+TP+ALB+AST+T-BIL+Glc;0.729, 263.128, 1+TP+ALB+AST+gGT+T-BIL;0.729, 259.802, 1+TP+ALB+AST+ALT+BHBA;0.729, 262.856, 1+TP+ALB+Ca+AST+T-BIL;0.729, 261.277, 1+TP+ALB+BUN+AST+BHBA;0.729, 260.036, 1+TP+ALB+ALT+gGT+T-BIL;0.729, 259.881, 1+ALB+AST+ALT+gGT+TCHO;0.729, 262.070, 1+ALB+BUN+AST+gGT+BHBA;0.729, 261.735, 1+ALB+Ca+AST+NEFA+TCHO;0.729, 259.798, 1+ALB+AST+ALT+Glc+TCHO;0.729, 259.347, 1+ALB+AST+ALT+gGT+T-BIL;0.729, 263.657, 1+ALB+AST+T-BIL+BHBA+Glc;0.729, 263.102, 1+TP+ALB+AST+T-BIL+BHBA;0.729, 261.873, 1+ALB+BUN+AST+BHBA+TCHO;0.729, 261.869, 1+ALB+BUN+Ca+AST+BHBA;0.729, 260.240, 1+TP+ALB+AST+ALT+Glc;0.729, 260.183, 1+TP+ALB+AST+ALT+TG;0.729, 259.953, 1+ALB+Ca+AST+ALT+TG;0.728, 263.657, 1+ALB+AST+T-BIL+BHBA+TG;0.728, 259.691, 1+TP+ALB+Ca+ALT+T-BIL;0.728, 260.329, 1+TP+ALB+AST+ALT+gGT;0.728, 260.052, 1+ALB+Ca+AST+ALT+Glc;0.728, 262.082, 1+TP+ALB+BUN+AST+Glc;0.728, 259.766, 1+TP+ALB+AST+ALT+TCHO;0.728, 260.100, 1+TP+ALB+ALT+T-BIL+TG;0.728, 263.747, 1+ALB+AST+T-BIL+Glc+TG;0.728, 263.491, 1+ALB+Ca+AST+T-BIL+Glc;0.728, 260.415, 1+ALB+AST+ALT+gGT+Glc;0.728, 260.308, 1+ALB+AST+ALT+Glc+TG;0.728, 262.666, 1+ALB+BUN+AST+gGT+Glc;0.728, 262.308, 1+ALB+BUN+Ca+AST+Glc;0.728, 259.892, 1+ALB+ALT+NEFA+T-BIL+Glc;0.728, 259.895, 1+ALB+ALT+gGT+NEFA+Glc;0.728, 260.099, 1+ALB+AST+ALT+gGT+BHBA;0.728, 259.325, 1+ALB+ALT+NEFA+Glc+TCHO;0.728, 259.831, 1+TP+ALB+Ca+AST+ALT;0.728, 261.621, 1+TP+ALB+BUN+Ca+AST;0.728, 260.047, 1+ALB+Ca+AST+ALT+gGT;0.728, 259.894, 1+ALB+ALT+NEFA+BHBA+Glc;0.728, 261.656, 1+ALB+AST+gGT+NEFA+TCHO;0.728, 260.305, 1+ALB+ALT+gGT+T-BIL+TG;0.727, 260.167, 1+TP+ALB+ALT+TG+TCHO;0.727, 260.712, 1+TP+ALB+ALT+gGT

+TG;0.727,259.750,1+ALB+ALT+gGT+T-BIL+TCHO;0.727,263.533,1+ALB+Ca+AST
+T-BIL+TG;0.727,262.688,1+TP+ALB+AST+T-BIL+TCHO;0.727,260.298,1+TP+AL
B+ALT+gGT+TCHO;0.727,260.105,1+TP+ALB+ALT+T-BIL+BHBA;0.727,260.306,1+
ALB+ALT+gGT+T-BIL+BHBA;0.727,259.326,1+ALB+ALT+NEFA+TG+TCHO;0.727,259
.331,1+ALB+ALT+gGT+NEFA+TCHO;0.727,260.106,1+TP+ALB+ALT+T-BIL+Glc;0.7
27,262.037,1+ALB+BUN+AST+BHBA+TG;0.727,260.381,1+ALB+AST+ALT+gGT+TG;0
.727,260.320,1+ALB+ALT+T-BIL+BHBA+TG;0.727,259.879,1+ALB+ALT+NEFA+Glc
+TG;0.727,260.319,1+ALB+ALT+T-BIL+BHBA+Glc;0.727,259.761,1+ALB+ALT+T-
BIL+TG+TCHO;0.727,262.435,1+ALB+BUN+AST+Glc+TCHO;0.727,260.303,1+ALB+
ALT+gGT+T-BIL+Glc;0.727,259.567,1+ALB+Ca+ALT+NEFA+TG;0.727,259.893,1+
ALB+ALT+gGT+NEFA+TG;0.727,263.376,1+ALB+Ca+AST+T-BIL+BHBA;0.727,262.2
89,1+ALB+BUN+Ca+AST+gGT;0.727,259.912,1+ALB+ALT+gGT+NEFA+T-BIL;0.727,
263.612,1+ALB+AST+gGT+T-BIL+BHBA;0.727,260.471,1+TP+ALB+ALT+gGT+BHBA;
0.727,259.327,1+ALB+ALT+NEFA+BHBA+TCHO;0.727,259.329,1+ALB+ALT+NEFA+T
-BIL+TCHO;0.727,259.617,1+TP+ALB+ALT+T-BIL+TCHO;0.727,260.315,1+ALB+A
LT+T-BIL+Glc+TG;0.727,259.894,1+ALB+ALT+NEFA+T-BIL+TG;0.727,263.692,1
+ALB+AST+gGT+T-BIL+Glc;0.726,259.780,1+ALB+ALT+T-BIL+BHBA+TCHO;0.726,
259.931,1+ALB+Ca+ALT+T-BIL+BHBA;0.726,259.940,1+ALB+Ca+ALT+gGT+T-BIL;
0.726,259.779,1+ALB+ALT+T-BIL+Glc+TCHO;0.726,265.672,1+TP+ALB+Ca+AST+
BHBA;0.726,259.400,1+ALB+Ca+ALT+T-BIL+TCHO;0.726,265.946,1+TP+ALB+AST
+BHBA+Glc;0.726,263.099,1+ALB+Ca+AST+T-BIL+TCHO;0.726,259.907,1+ALB+A
LT+gGT+NEFA+BHBA;0.726,263.697,1+ALB+AST+gGT+T-BIL+TG;0.726,259.579,1
+ALB+Ca+ALT+gGT+NEFA;0.726,263.315,1+ALB+AST+T-BIL+TG+TCHO;0.726,259.
890,1+ALB+ALT+NEFA+BHBA+TG;0.726,259.578,1+ALB+Ca+ALT+NEFA+BHBA;0.726
,259.996,1+TP+ALB+ALT+BHBA+TCHO;0.726,265.946,1+TP+ALB+AST+gGT+BHBA;0
.726,259.004,1+ALB+Ca+ALT+NEFA+TCHO;0.726,259.941,1+ALB+Ca+ALT+T-BIL+
TG;0.726,259.901,1+ALB+ALT+NEFA+T-BIL+BHBA;0.726,263.300,1+ALB+AST+T-
BIL+Glc+TCHO;0.726,260.418,1+TP+ALB+ALT+BHBA+TG;0.726,262.516,1+ALB+B

UN+AST+Glc+TG;0.726, 260.674, 1+ALB+ALT+gGT+BHBA+TG;0.726, 260.773, 1+TP+ALB+ALT+gGT+Glc;0.726, 259.579, 1+ALB+Ca+ALT+NEFA+Glc;0.726, 259.578, 1+ALB+Ca+ALT+NEFA+T-BIL;0.726, 263.467, 1+ALB+Ca+AST+gGT+T-BIL;0.726, 260.666, 1+TP+ALB+ALT+Glc+TG;0.726, 260.143, 1+ALB+ALT+gGT+BHBA+TCHO;0.726, 263.214, 1+ALB+AST+T-BIL+BHBA+TCHO;0.726, 260.829, 1+ALB+ALT+gGT+Glc+TG;0.725, 260.363, 1+ALB+ALT+gGT+Glc+TCHO;0.725, 262.202, 1+TP+ALB+BUN+AST+gGT;0.725, 260.332, 1+TP+ALB+Ca+ALT+gGT;0.725, 259.844, 1+TP+ALB+Ca+ALT+TCHO;0.725, 260.213, 1+ALB+ALT+Glc+TG+TCHO;0.725, 259.940, 1+ALB+Ca+ALT+T-BIL+Glc;0.725, 260.041, 1+ALB+ALT+BHBA+TG+TCHO;0.725, 260.306, 1+TP+ALB+ALT+Glc+TCHO;0.725, 260.264, 1+ALB+ALT+gGT+TG+TCHO

[0133] [25. 生化学6変数の式]

0.743, 257.619, 1+TP+ALB+BUN+AST+ALT+NEFA;0.742, 257.680, 1+ALB+BUN+AST+ALT+T-BIL+TG;0.741, 258.010, 1+ALB+BUN+AST+ALT+NEFA+TG;0.741, 257.432, 1+ALB+BUN+Ca+AST+ALT+T-BIL;0.741, 257.757, 1+TP+ALB+BUN+Ca+ALT+NEFA;0.740, 257.900, 1+ALB+BUN+ALT+T-BIL+TG+TCHO;0.740, 257.768, 1+ALB+BUN+Ca+AST+ALT+NEFA;0.740, 257.726, 1+ALB+BUN+AST+ALT+T-BIL+Glc;0.740, 257.283, 1+ALB+BUN+AST+ALT+T-BIL+TCHO;0.740, 257.504, 1+ALB+BUN+Ca+ALT+T-BIL+TCHO;0.740, 257.637, 1+ALB+BUN+AST+ALT+NEFA+TCHO;0.740, 257.876, 1+TP+ALB+BUN+ALT+T-BIL+Glc;0.740, 257.931, 1+TP+ALB+BUN+ALT+NEFA+T-BIL;0.740, 257.754, 1+ALB+BUN+AST+ALT+T-BIL+BHBA;0.740, 257.772, 1+ALB+BUN+AST+ALT+NEFA+T-BIL;0.740, 257.931, 1+ALB+BUN+ALT+gGT+T-BIL+TCHO;0.740, 257.892, 1+TP+ALB+BUN+ALT+T-BIL+TG;0.740, 258.288, 1+ALB+BUN+ALT+NEFA+T-BIL+TG;0.740, 257.651, 1+ALB+BUN+AST+ALT+gGT+T-BIL;0.740, 257.880, 1+ALB+BUN+Ca+AST+ALT+TCHO;0.740, 257.922, 1+TP+ALB+BUN+ALT+gGT+T-BIL;0.740, 257.243, 1+TP+ALB+BUN+AST+ALT+T-BIL;0.740, 257.999, 1+ALB+BUN+AST+ALT+NEFA+Glc;0.740, 258.380, 1+ALB+BUN+Ca+AST+ALT+Glc;0.740, 257.453, 1+TP+ALB+BUN+Ca+ALT+T-BIL;0.740, 258.565, 1+ALB+BUN+ALT+gGT+NEFA+TG;0.740, 258.343, 1+ALB+BUN+AST+ALT+BHBA+Glc;0.740, 258.182, 1+ALB+BUN+Ca+ALT+gGT+NEFA;0.740, 257.931, 1+ALB+BU

N+ALT+NEFA+T-BIL+TCHO;0.740, 258.291, 1+ALB+BUN+ALT+gGT+T-BIL+TG;0.740, 257.928, 1+ALB+BUN+AST+ALT+NEFA+BHBA;0.740, 257.933, 1+ALB+BUN+Ca+ALT+NEFA+T-BIL;0.740, 257.587, 1+TP+ALB+BUN+ALT+T-BIL+TCHO;0.739, 258.266, 1+ALB+BUN+ALT+T-BIL+BHBA+TG;0.739, 261.515, 1+ALB+BUN+AST+NEFA+Glc+TG;0.739, 258.165, 1+ALB+BUN+ALT+NEFA+TG+TCHO;0.739, 258.191, 1+ALB+BUN+ALT+gGT+NEFA+TCHO;0.739, 257.768, 1+ALB+BUN+Ca+ALT+NEFA+TCHO;0.739, 257.925, 1+ALB+BUN+Ca+ALT+T-BIL+Glc;0.739, 258.286, 1+ALB+BUN+ALT+gGT+T-BIL+Glc;0.739, 258.248, 1+ALB+BUN+ALT+T-BIL+Glc+TG;0.739, 258.247, 1+TP+ALB+BUN+Ca+ALT+Glc;0.739, 257.809, 1+ALB+BUN+AST+ALT+BHBA+TCHO;0.739, 257.865, 1+TP+ALB+BUN+ALT+NEFA+TCHO;0.739, 257.929, 1+ALB+BUN+Ca+ALT+T-BIL+BHBA;0.739, 257.875, 1+ALB+BUN+ALT+T-BIL+Glc+TCHO;0.739, 258.307, 1+ALB+BUN+ALT+gGT+T-BIL+BHBA;0.739, 258.123, 1+TP+ALB+BUN+ALT+NEFA+Glc;0.739, 258.004, 1+TP+ALB+BUN+Ca+AST+ALT;0.739, 257.882, 1+ALB+BUN+ALT+T-BIL+BHBA+TCHO;0.739, 258.198, 1+TP+ALB+BUN+ALT+NEFA+TG;0.739, 258.495, 1+ALB+BUN+ALT+gGT+NEFA+Glc;0.739, 258.244, 1+TP+ALB+BUN+ALT+gGT+NEFA;0.739, 258.172, 1+ALB+BUN+Ca+ALT+NEFA+Glc;0.739, 258.315, 1+ALB+BUN+ALT+NEFA+T-BIL+BHBA;0.739, 258.168, 1+ALB+BUN+Ca+ALT+NEFA+TG;0.739, 257.837, 1+TP+ALB+BUN+ALT+T-BIL+BHBA;0.739, 257.939, 1+ALB+BUN+AST+ALT+gGT+NEFA;0.739, 258.089, 1+ALB+BUN+ALT+NEFA+Glc+TCHO;0.738, 257.861, 1+TP+ALB+BUN+Ca+ALT+BHBA;0.738, 258.346, 1+ALB+BUN+ALT+gGT+NEFA+T-BIL;0.738, 258.292, 1+ALB+BUN+ALT+NEFA+T-BIL+Glc;0.738, 257.920, 1+ALB+BUN+Ca+ALT+gGT+T-BIL;0.738, 257.937, 1+TP+ALB+BUN+ALT+NEFA+BHBA;0.738, 258.103, 1+ALB+BUN+Ca+ALT+NEFA+BHBA;0.738, 258.203, 1+TP+ALB+BUN+ALT+BHBA+Glc;0.738, 258.272, 1+ALB+BUN+AST+ALT+gGT+BHBA;0.738, 257.892, 1+TP+ALB+BUN+Ca+ALT+TCHO;0.738, 258.432, 1+ALB+BUN+Ca+AST+ALT+TG;0.738, 257.890, 1+ALB+BUN+Ca+ALT+T-BIL+TG;0.738, 258.275, 1+ALB+BUN+ALT+T-BIL+BHBA+Glc;0.738, 258.469, 1+ALB+BUN+ALT+NEFA+Glc+TG;0.738, 258.207, 1+ALB+BUN+AST+ALT+Glc+TCHO;0.738, 258.405, 1+ALB+BUN+AST+ALT+BHBA+TG;0.738, 257.834, 1+TP+ALB+BUN+AST+ALT+BHBA;0.738, 258.292, 1+TP+ALB+B

UN+Ca+ALT+gGT;0.738, 261.422, 1+ALB+BUN+Ca+AST+NEFA+Glc;0.738, 257.847, 1+TP+ALB+BUN+ALT+BHBA+TCHO;0.738, 258.454, 1+TP+ALB+BUN+ALT+TG+TCHO;0.738, 258.645, 1+ALB+BUN+Ca+ALT+gGT+TG;0.738, 258.158, 1+ALB+BUN+Ca+ALT+TG+TCHO;0.737, 258.351, 1+ALB+BUN+Ca+AST+ALT+gGT;0.737, 257.992, 1+ALB+BUN+ALT+NEFA+BHBA+TCHO;0.737, 258.115, 1+TP+ALB+BUN+AST+ALT+TCHO;0.737, 258.264, 1+TP+ALB+BUN+Ca+ALT+TG;0.737, 258.420, 1+ALB+BUN+ALT+gGT+NEFA+BHBA;0.737, 258.183, 1+ALB+BUN+Ca+ALT+gGT+TCHO;0.737, 258.227, 1+ALB+BUN+ALT+gGT+BHBA+TCHO;0.737, 258.652, 1+ALB+BUN+ALT+gGT+BHBA+Glc;0.737, 261.571, 1+ALB+BUN+AST+NEFA+BHBA+Glc;0.737, 258.131, 1+ALB+BUN+Ca+ALT+Glc+TCHO;0.737, 258.246, 1+TP+ALB+BUN+ALT+gGT+BHBA;0.737, 258.749, 1+ALB+BUN+AST+ALT+Glc+TG;0.737, 260.807, 1+TP+ALB+BUN+AST+NEFA+TG;0.737, 258.393, 1+ALB+BUN+ALT+NEFA+BHBA+TG;0.737, 261.495, 1+ALB+BUN+AST+NEFA+BHBA+TG;0.737, 258.391, 1+ALB+BUN+ALT+NEFA+BHBA+Glc;0.737, 258.227, 1+ALB+BUN+ALT+BHBA+TG+TCHO;0.737, 258.095, 1+ALB+BUN+Ca+AST+ALT+BHBA;0.737, 258.530, 1+ALB+BUN+ALT+Glc+TG+TCHO;0.737, 258.542, 1+TP+ALB+BUN+AST+ALT+TG;0.737, 258.682, 1+ALB+BUN+AST+ALT+gGT+Glc;0.737, 258.562, 1+ALB+BUN+ALT+gGT+Glc+TCHO;0.737, 258.867, 1+TP+ALB+BUN+ALT+gGT+TG;0.737, 258.549, 1+TP+ALB+BUN+AST+ALT+gGT;0.737, 258.348, 1+ALB+BUN+Ca+ALT+gGT+BHBA;0.737, 261.344, 1+ALB+BUN+Ca+AST+NEFA+TG;0.737, 258.605, 1+ALB+BUN+Ca+ALT+Glc+TG;0.736, 261.350, 1+ALB+BUN+AST+gGT+NEFA+Glc;0.736, 261.399, 1+ALB+BUN+Ca+AST+NEFA+BHBA;0.736, 261.345, 1+ALB+BUN+AST+gGT+NEFA+TG;0.736, 258.603, 1+ALB+BUN+Ca+ALT+gGT+Glc;0.736, 258.481, 1+TP+ALB+BUN+ALT+gGT+TCHO;0.736, 258.242, 1+TP+ALB+BUN+ALT+BHBA+TG;0.736, 261.319, 1+ALB+BUN+AST+gGT+NEFA+BHBA;0.736, 263.728, 1+TP+ALB+AST+NEFA+T-BIL+TG;0.736, 258.360, 1+ALB+BUN+Ca+ALT+BHBA+Glc;0.736, 258.694, 1+TP+ALB+BUN+ALT+Glc+TG;0.736, 258.397, 1+TP+ALB+BUN+AST+ALT+Glc;0.736, 258.176, 1+ALB+BUN+ALT+BHBA+Glc+TCHO;0.736, 259.010, 1+ALB+BUN+ALT+gGT+Glc+TG;0.736, 258.366, 1+ALB+BUN+AST+ALT+TG+TCHO;0.736, 258.332, 1+TP+ALB+BUN+ALT+Glc+TCHO;0.736, 261.175, 1+ALB+BUN+AST+NEFA+TG+TC

H0;0.736,258.723,1+TP+ALB+BUN+ALT+gGT+Glc;0.736,258.713,1+ALB+BUN+ALT+gGT+BHBA+TG;0.736,263.746,1+TP+ALB+AST+NEFA+BHBA+TG;0.736,258.672,1+ALB+BUN+ALT+BHBA+Glc+TG;0.736,258.345,1+ALB+BUN+AST+ALT+gGT+TCHO;0.736,258.375,1+ALB+BUN+Ca+ALT+BHBA+TG;0.736,260.309,1+ALB+AST+ALT+NEFA+BHBA+TCHO;0.736,260.586,1+TP+ALB+BUN+Ca+AST+NEFA;0.736,260.825,1+TP+ALB+BUN+AST+NEFA+Glc;0.736,260.021,1+TP+ALB+AST+ALT+NEFA+TCHO;0.736,261.244,1+ALB+BUN+AST+NEFA+T-BIL+Glc;0.736,260.223,1+TP+ALB+Ca+AST+ALT+NEFA;0.736,264.399,1+ALB+AST+NEFA+T-BIL+Glc+TG;0.735,257.866,1+ALB+BUN+Ca+ALT+BHBA+TCHO;0.735,261.172,1+ALB+BUN+Ca+AST+gGT+NEFA;0.735,261.127,1+ALB+BUN+AST+NEFA+T-BIL+TG;0.735,260.470,1+TP+ALB+AST+ALT+NEFA+TG;0.735,260.498,1+TP+ALB+AST+ALT+NEFA+Glc;0.735,263.766,1+TP+ALB+AST+NEFA+Glc+TG;0.735,261.242,1+ALB+BUN+AST+NEFA+Glc+TCHO;0.735,261.405,1+ALB+BUN+AST+T-BIL+BHBA+TG;0.735,260.671,1+TP+ALB+BUN+AST+NEFA+BHBA;0.735,260.511,1+TP+ALB+AST+ALT+NEFA+T-BIL;0.735,263.802,1+TP+ALB+AST+NEFA+T-BIL+BHBA;0.735,261.298,1+ALB+BUN+AST+gGT+T-BIL+TG;0.735,264.392,1+ALB+AST+NEFA+T-BIL+BHBA+TG;0.735,261.054,1+ALB+BUN+AST+gGT+NEFA+T-BIL;0.735,263.818,1+TP+ALB+AST+NEFA+BHBA+Glc;0.735,263.805,1+TP+ALB+AST+NEFA+T-BIL+Glc;0.735,260.311,1+ALB+AST+ALT+NEFA+Glc+TCHO;0.735,263.566,1+TP+ALB+Ca+AST+NEFA+TG;0.735,260.464,1+TP+ALB+AST+ALT+NEFA+BHBA;0.735,260.480,1+TP+ALB+AST+ALT+gGT+NEFA;0.735,261.417,1+ALB+BUN+AST+T-BIL+Glc+TG;0.735,260.821,1+TP+ALB+BUN+AST+gGT+NEFA;0.735,261.148,1+ALB+BUN+Ca+AST+T-BIL+TG;0.735,261.221,1+ALB+BUN+AST+NEFA+BHBA+TCHO;0.735,260.299,1+ALB+AST+ALT+NEFA+TG+TCHO;0.735,258.707,1+ALB+BUN+ALT+gGT+TG+TCHO;0.734,260.388,1+TP+ALB+BUN+AST+NEFA+T-BIL;0.734,263.622,1+TP+ALB+Ca+AST+NEFA+BHBA;0.734,258.850,1+ALB+BUN+AST+ALT+gGT+TG;0.734,264.268,1+ALB+Ca+AST+NEFA+Glc+TG;0.734,260.446,1+TP+ALB+BUN+AST+NEFA+TCHO;0.734,261.162,1+ALB+BUN+Ca+AST+T-BIL+BHBA;0.734,260.901,1+ALB+AST+ALT+NEFA+T-BIL+BHBA;0.734,261.014,1+ALB+BUN+AST+gGT+NEFA+TCHO;0.734,2

61. 273, 1+ALB+BUN+AST+NEFA+T-BIL+BHBA;0.734, 261.332, 1+ALB+BUN+AST+gGT+T-BIL+BHBA;0.734, 260.887, 1+ALB+AST+ALT+NEFA+T-BIL+Glc;0.734, 261.323, 1+ALB+BUN+AST+gGT+T-BIL+Glc;0.734, 263.711, 1+TP+ALB+AST+gGT+NEFA+TG;0.734, 264.237, 1+ALB+Ca+AST+NEFA+T-BIL+TG;0.734, 263.594, 1+TP+ALB+Ca+AST+NEFA+T-BIL;0.734, 263.092, 1+TP+ALB+AST+NEFA+TG+TCHO;0.734, 260.552, 1+TP+ALB+BUN+AST+T-BIL+TG;0.734, 263.636, 1+TP+ALB+Ca+AST+NEFA+Glc;0.734, 260.245, 1+TP+ALB+BUN+Ca+AST+T-BIL;0.734, 260.063, 1+ALB+Ca+AST+ALT+NEFA+TCHO;0.734, 260.885, 1+ALB+AST+ALT+NEFA+BHBA+Glc;0.734, 264.426, 1+ALB+AST+NEFA+BHBA+Glc+TG;0.734, 261.015, 1+ALB+BUN+Ca+AST+NEFA+T-BIL;0.734, 261.199, 1+ALB+BUN+Ca+AST+T-BIL+Glc;0.734, 261.452, 1+ALB+BUN+AST+T-BIL+BHBA+Glc;0.734, 264.485, 1+ALB+AST+NEFA+T-BIL+BHBA+Glc;0.734, 261.158, 1+ALB+BUN+AST+T-BIL+TG+TCHO;0.734, 261.195, 1+ALB+BUN+AST+T-BIL+Glc+TCHO;0.734, 260.324, 1+ALB+AST+ALT+NEFA+T-BIL+TCHO;0.734, 260.829, 1+ALB+AST+ALT+NEFA+Glc+TG;0.734, 260.838, 1+ALB+AST+ALT+NEFA+BHBA+TG;0.734, 260.840, 1+ALB+AST+ALT+NEFA+T-BIL+TG;0.734, 264.227, 1+ALB+AST+gGT+NEFA+BHBA+TG;0.734, 261.046, 1+ALB+BUN+Ca+AST+NEFA+TCHO;0.734, 260.591, 1+TP+ALB+BUN+AST+T-BIL+BHBA;0.734, 260.934, 1+ALB+BUN+AST+NEFA+T-BIL+TCHO;0.734, 264.266, 1+ALB+Ca+AST+NEFA+BHBA+TG;0.734, 263.159, 1+TP+ALB+AST+NEFA+BHBA+TCHO;0.734, 260.585, 1+TP+ALB+BUN+AST+T-BIL+Glc;0.733, 261.048, 1+TP+ALB+AST+ALT+T-BIL+BHBA;0.733, 263.765, 1+TP+ALB+AST+gGT+NEFA+Glc;0.733, 264.210, 1+ALB+AST+gGT+NEFA+T-BIL+TG;0.733, 260.918, 1+ALB+BUN+Ca+AST+T-BIL+TCHO;0.733, 263.161, 1+TP+ALB+AST+NEFA+T-BIL+TCHO;0.733, 260.653, 1+ALB+Ca+AST+ALT+NEFA+Glc;0.733, 260.653, 1+ALB+Ca+AST+ALT+NEFA+BHBA;0.733, 261.050, 1+TP+ALB+AST+ALT+T-BIL+Glc;0.733, 264.354, 1+ALB+Ca+AST+NEFA+BHBA+Glc;0.733, 261.053, 1+TP+ALB+AST+ALT+T-BIL+TG;0.733, 260.576, 1+TP+ALB+BUN+AST+gGT+T-BIL;0.733, 263.744, 1+TP+ALB+AST+gGT+NEFA+BHBA;0.733, 263.805, 1+ALB+AST+NEFA+T-BIL+TG+TCHO;0.733, 260.601, 1+ALB+Ca+AST+ALT+NEFA+TG;0.733, 263.814, 1+ALB+AST+NEFA+Glc+TG+TCHO;0.733, 261.037, 1+ALB+BUN+Ca+AST+gG

T+T-BIL;0.733,264.326,1+ALB+Ca+AST+NEFA+T-BIL+Glc;0.733,263.745,1+TP+ALB+AST+gGT+NEFA+T-BIL;0.733,261.187,1+ALB+BUN+AST+T-BIL+BHBA+TCHO;0.733,263.174,1+TP+ALB+AST+NEFA+Glc+TCHO;0.733,263.556,1+TP+ALB+Ca+AST+gGT+NEFA;0.733,264.217,1+ALB+AST+gGT+NEFA+Glc+TG;0.733,260.734,1+ALB+AST+ALT+gGT+NEFA+TG;0.733,264.289,1+ALB+AST+gGT+NEFA+BHBA+Glc;0.733,264.278,1+ALB+AST+gGT+NEFA+T-BIL+Glc;0.733,263.813,1+ALB+AST+NEFA+BHBA+TG+TCHO;0.733,260.646,1+ALB+Ca+AST+ALT+NEFA+T-BIL;0.733,260.758,1+ALB+AST+ALT+gGT+NEFA+Glc;0.733,260.559,1+TP+ALB+AST+ALT+T-BIL+TCHO;0.732,261.050,1+TP+ALB+AST+ALT+gGT+T-BIL;0.732,262.963,1+TP+ALB+Ca+AST+NEFA+TCHO;0.732,264.286,1+ALB+AST+gGT+NEFA+T-BIL+BHBA;0.732,260.792,1+ALB+AST+ALT+T-BIL+Glc+TCHO;0.732,260.231,1+ALB+AST+ALT+gGT+NEFA+TCHO;0.732,260.480,1+ALB+Ca+AST+ALT+T-BIL+TCHO;0.732,261.060,1+ALB+BUN+AST+gGT+T-BIL+TCHO;0.732,264.049,1+ALB+Ca+AST+gGT+NEFA+TG;0.732,264.305,1+ALB+Ca+AST+NEFA+T-BIL+BHBA;0.732,260.795,1+ALB+AST+ALT+T-BIL+BHBA+TCHO;0.732,260.785,1+ALB+AST+ALT+gGT+NEFA+T-BIL;0.732,263.653,1+ALB+Ca+AST+NEFA+TG+TCHO;0.732,261.264,1+TP+ALB+Ca+ALT+gGT+NEFA;0.732,260.794,1+ALB+AST+ALT+T-BIL+TG+TCHO;0.732,260.705,1+TP+ALB+Ca+AST+ALT+T-BIL;0.731,260.315,1+TP+ALB+BUN+AST+T-BIL+TCHO;0.731,264.014,1+ALB+BUN+AST+gGT+BHBA+Glc;0.731,261.406,1+ALB+Ca+AST+ALT+Glc+TCHO;0.731,260.767,1+ALB+AST+ALT+gGT+NEFA+BHBA;0.731,264.117,1+ALB+Ca+AST+gGT+NEFA+Glc;0.731,261.351,1+ALB+AST+ALT+BHBA+TG+TCHO;0.731,263.244,1+TP+ALB+BUN+AST+BHBA+Glc;0.731,260.514,1+ALB+Ca+AST+ALT+gGT+NEFA;0.731,264.118,1+ALB+Ca+AST+gGT+NEFA+BHBA;0.731,261.602,1+TP+ALB+ALT+gGT+NEFA+BHBA;0.731,261.614,1+TP+ALB+ALT+gGT+NEFA+TG;0.731,261.087,1+TP+ALB+ALT+gGT+NEFA+TCHO;0.731,260.775,1+ALB+AST+ALT+gGT+T-BIL+TCHO;0.731,261.249,1+ALB+Ca+AST+ALT+TG+TCHO;0.731,264.103,1+ALB+Ca+AST+gGT+NEFA+T-BIL;0.731,261.155,1+ALB+Ca+AST+ALT+BHBA+TCHO;0.731,261.281,1+TP+ALB+Ca+ALT+NEFA+T-BIL;0.731,264.794,1+TP+ALB+Ca

+AST+T-BIL+BHBA;0.731, 263.902, 1+ALB+AST+NEFA+BHBA+Glc+TCHO;0.731, 261.614, 1+TP+ALB+ALT+gGT+NEFA+Glc;0.731, 261.830, 1+ALB+Ca+AST+ALT+BHBA+Glc;0.731, 261.106, 1+TP+ALB+ALT+NEFA+T-BIL+TCHO;0.731, 261.281, 1+TP+ALB+Ca+ALT+NEFA+Glc;0.731, 263.894, 1+ALB+AST+NEFA+T-BIL+Glc+TCHO;0.731, 261.451, 1+ALB+AST+ALT+BHBA+Glc+TCHO;0.731, 261.081, 1+ALB+Ca+AST+ALT+T-BIL+TG;0.730, 261.104, 1+TP+ALB+ALT+NEFA+Glc+TCHO;0.730, 261.752, 1+ALB+Ca+AST+ALT+BHBA+TG;0.730, 261.612, 1+TP+ALB+ALT+NEFA+T-BIL+BHBA;0.730, 261.277, 1+TP+ALB+Ca+ALT+NEFA+BHBA;0.730, 263.584, 1+ALB+AST+gGT+NEFA+TG+TCHO;0.730, 261.075, 1+ALB+Ca+AST+ALT+T-BIL+Glc;0.730, 261.643, 1+TP+ALB+ALT+NEFA+T-BIL+TG;0.730, 260.751, 1+TP+ALB+Ca+ALT+NEFA+TCHO;0.730, 261.383, 1+ALB+AST+ALT+T-BIL+BHBA+TG;0.730, 261.380, 1+ALB+AST+ALT+T-BIL+BHBA+Glc;0.730, 261.382, 1+ALB+AST+ALT+T-BIL+Glc+TG;0.730, 261.089, 1+TP+ALB+ALT+NEFA+BHBA+TCHO;0.730, 263.083, 1+TP+ALB+AST+gGT+NEFA+TCHO;0.730, 263.851, 1+ALB+BUN+Ca+AST+BHBA+Glc;0.730, 261.630, 1+TP+ALB+ALT+gGT+NEFA+T-BIL;0.730, 264.852, 1+TP+ALB+Ca+AST+T-BIL+TG;0.730, 263.887, 1+ALB+AST+NEFA+T-BIL+BHBA+TCHO;0.730, 261.412, 1+ALB+Ca+AST+ALT+gGT+TCHO;0.730, 262.033, 1+TP+ALB+ALT+gGT+T-BIL+TG;0.730, 261.104, 1+TP+ALB+ALT+NEFA+TG+TCHO;0.730, 263.834, 1+ALB+BUN+AST+BHBA+Glc+TCHO;0.730, 261.481, 1+TP+ALB+Ca+AST+ALT+BHBA;0.730, 262.033, 1+TP+ALB+ALT+gGT+T-BIL+BHBA;0.730, 261.571, 1+TP+ALB+AST+ALT+TG+TCHO;0.730, 262.942, 1+TP+ALB+BUN+Ca+AST+BHBA;0.730, 261.635, 1+TP+ALB+ALT+NEFA+T-BIL+Glc;0.730, 261.236, 1+TP+ALB+AST+ALT+BHBA+TCHO;0.730, 261.793, 1+TP+ALB+AST+ALT+BHBA+Glc;0.730, 261.707, 1+TP+ALB+AST+ALT+BHBA+TG;0.730, 263.972, 1+ALB+BUN+AST+BHBA+Glc+TG;0.730, 264.801, 1+TP+ALB+Ca+AST+T-BIL+Glc;0.729, 263.269, 1+TP+ALB+BUN+AST+gGT+BHBA;0.729, 261.621, 1+TP+ALB+ALT+NEFA+BHBA+Glc;0.729, 261.343, 1+ALB+AST+ALT+gGT+T-BIL+Glc;0.729, 265.116, 1+TP+ALB+AST+T-BIL+Glc+TG;0.729, 265.117, 1+TP+ALB+AST+gGT+T-BIL+Glc;0.729, 261.618, 1+TP+ALB+ALT+NEFA+BHBA+TG;0.729, 261.275, 1+TP+ALB+Ca+ALT+NEFA+TG;0.729, 261.636, 1+TP+ALB+Ca+ALT+gGT+T-BIL

;0.729, 262.044, 1+ALB+AST+ALT+BHBA+Glc+TG;0.729, 262.081, 1+ALB+AST+ALT+gGT+BHBA+Glc;0.729, 261.537, 1+TP+ALB+ALT+gGT+T-BIL+TCHO;0.729, 261.794, 1+ALB+AST+ALT+gGT+Glc+TCHO;0.729, 261.347, 1+ALB+AST+ALT+gGT+T-BIL+TG;0.729, 264.854, 1+TP+ALB+Ca+AST+gGT+T-BIL;0.729, 261.031, 1+ALB+Ca+AST+ALT+gGT+T-BIL;0.729, 261.799, 1+TP+ALB+AST+ALT+gGT+BHBA;0.729, 261.347, 1+ALB+AST+ALT+gGT+T-BIL+BHBA;0.729, 265.125, 1+TP+ALB+AST+gGT+T-BIL+TG;0.729, 261.627, 1+TP+ALB+ALT+NEFA+Glc+TG;0.729, 261.061, 1+ALB+Ca+AST+ALT+T-BIL+BHBA;0.729, 261.789, 1+ALB+Ca+AST+ALT+gGT+BHBA;0.729, 262.034, 1+TP+ALB+ALT+gGT+T-BIL+Glc;0.729, 261.448, 1+ALB+AST+ALT+gGT+BHBA+TCHO;0.729, 262.014, 1+ALB+AST+ALT+gGT+BHBA+TG;0.729, 263.732, 1+ALB+Ca+AST+NEFA+Glc+TCHO;0.729, 263.757, 1+ALB+BUN+Ca+AST+gGT+BHBA;0.729, 262.240, 1+TP+ALB+AST+ALT+gGT+Glc;0.729, 261.269, 1+TP+ALB+Ca+AST+ALT+TCHO;0.729, 265.098, 1+TP+ALB+AST+T-BIL+BHBA+Glc;0.729, 265.102, 1+TP+ALB+AST+gGT+T-BIL+BHBA;0.729, 265.101, 1+TP+ALB+AST+T-BIL+BHBA+TG;0.729, 263.729, 1+ALB+Ca+AST+NEFA+BHBA+TCHO;0.729, 263.727, 1+ALB+Ca+AST+NEFA+T-BIL+TCHO;0.729, 263.654, 1+ALB+AST+gGT+NEFA+Glc+TCHO;0.729, 261.619, 1+ALB+AST+ALT+Glc+TG+TCHO;0.729, 265.656, 1+ALB+AST+T-BIL+BHBA+Glc+TG;0.729, 264.416, 1+TP+ALB+Ca+AST+T-BIL+TCHO;0.728, 262.094, 1+TP+ALB+ALT+T-BIL+BHBA+TG;0.728, 261.689, 1+TP+ALB+Ca+ALT+T-BIL+BHBA;0.728, 261.933, 1+ALB+Ca+AST+ALT+Glc+TG;0.728, 261.819, 1+TP+ALB+Ca+AST+ALT+Glc;0.728, 261.685, 1+TP+ALB+AST+ALT+Glc+TCHO;0.728, 263.590, 1+TP+ALB+BUN+Ca+AST+Glc;0.728, 263.773, 1+ALB+BUN+AST+gGT+BHBA+TCHO;0.728, 262.181, 1+TP+ALB+AST+ALT+gGT+TG;0.728, 261.205, 1+TP+ALB+Ca+ALT+T-BIL+TCHO;0.728, 261.319, 1+ALB+ALT+NEFA+Glc+TG+TCHO;0.728, 261.701, 1+ALB+AST+ALT+gGT+TG+TCHO;0.728, 262.085, 1+TP+ALB+AST+ALT+Glc+TG;0.728, 265.491, 1+ALB+Ca+AST+T-BIL+Glc+TG;0.728, 264.081, 1+TP+ALB+BUN+AST+gGT+Glc;0.728, 261.679, 1+TP+ALB+Ca+AST+ALT+TG;0.728, 261.737, 1+ALB+ALT+gGT+T-BIL+TG+TCHO;0.728, 261.323, 1+ALB+ALT+gGT+NEFA+Glc+TCHO;0.728, 264.238, 1+ALB+BUN+Ca+AST+gGT+Glc;0.728, 261.677, 1+TP+ALB+Ca+ALT

+T-BIL+TG;0.728,261.680,1+TP+ALB+Ca+ALT+T-BIL+Glc;0.728,263.654,1+ALB
+AST+gGT+NEFA+T-BIL+TCHO;0.728,261.765,1+TP+ALB+AST+ALT+gGT+TCHO;0.72
8,261.894,1+ALB+ALT+gGT+NEFA+BHBA+Glc;0.728,261.892,1+ALB+ALT+gGT+NEF
A+T-BIL+Glc;0.728,261.749,1+ALB+ALT+gGT+T-BIL+Glc+TCHO;0.728,261.593,
1+TP+ALB+ALT+T-BIL+TG+TCHO;0.728,262.124,1+TP+ALB+ALT+gGT+TG+TCHO;0.7
28,264.686,1+TP+ALB+AST+gGT+T-BIL+TCHO;0.728,261.914,1+ALB+Ca+AST+ALT
+gGT+TG;0.728,261.831,1+TP+ALB+Ca+AST+ALT+gGT;0.728,262.095,1+TP+ALB+
ALT+T-BIL+Glc+TG;0.727,261.750,1+ALB+ALT+gGT+T-BIL+BHBA+TCHO;0.727,26
3.656,1+ALB+AST+gGT+NEFA+BHBA+TCHO;0.727,262.030,1+ALB+Ca+AST+ALT+gGT
+Glc;0.727,261.382,1+ALB+Ca+ALT+gGT+T-BIL+TCHO;0.727,263.475,1+ALB+Ca
+AST+gGT+NEFA+TCHO;0.727,263.571,1+ALB+BUN+Ca+AST+BHBA+TCHO;0.727,261
.934,1+TP+ALB+ALT+gGT+BHBA+TCHO;0.727,262.304,1+ALB+ALT+gGT+T-BIL+BHB
A+TG;0.727,261.612,1+TP+ALB+ALT+T-BIL+BHBA+TCHO;0.727,261.566,1+ALB+C
a+ALT+NEFA+Glc+TG;0.727,261.317,1+ALB+ALT+NEFA+T-BIL+Glc+TCHO;0.727,2
64.679,1+TP+ALB+AST+T-BIL+TG+TCHO;0.727,261.323,1+ALB+ALT+gGT+NEFA+TG
+TCHO;0.727,262.301,1+ALB+ALT+gGT+T-BIL+Glc+TG;0.727,263.619,1+TP+ALB
+BUN+Ca+AST+gGT;0.727,262.103,1+TP+ALB+ALT+T-BIL+BHBA+Glc;0.727,261.8
78,1+ALB+ALT+NEFA+BHBA+Glc+TG;0.727,261.761,1+ALB+ALT+T-BIL+BHBA+TG+T
CHO;0.727,261.323,1+ALB+ALT+NEFA+BHBA+Glc+TCHO;0.727,262.241,1+TP+ALB
+ALT+gGT+Glc+TCHO;0.727,261.878,1+ALB+ALT+gGT+NEFA+Glc+TG;0.727,262.3
01,1+ALB+ALT+gGT+T-BIL+BHBA+Glc;0.727,261.853,1+TP+ALB+ALT+BHBA+TG+TC
HO;0.727,261.322,1+ALB+ALT+NEFA+T-BIL+TG+TCHO;0.727,261.328,1+ALB+ALT
+gGT+NEFA+T-BIL+TCHO;0.727,261.567,1+ALB+Ca+ALT+gGT+NEFA+TG;0.727,261
.566,1+ALB+Ca+ALT+NEFA+BHBA+TG;0.727,264.654,1+TP+ALB+AST+T-BIL+BHBA+
TCHO;0.727,261.875,1+ALB+ALT+NEFA+T-BIL+Glc+TG;0.727,265.612,1+ALB+AS
T+gGT+T-BIL+BHBA+TG;0.727,261.389,1+ALB+Ca+ALT+T-BIL+BHBA+TCHO;0.727,
262.983,1+TP+ALB+BUN+AST+BHBA+TCHO;0.727,265.376,1+ALB+Ca+AST+T-BIL+B
HBA+TG;0.727,264.380,1+ALB+BUN+AST+gGT+Glc+TCHO;0.727,261.892,1+ALB+A

LT+gGT+NEFA+T-BIL+TG;0.727, 262.277, 1+ALB+AST+ALT+gGT+Glc+TG;0.727, 265.612, 1+ALB+AST+gGT+T-BIL+BHBA+Glc;0.727, 261.758, 1+ALB+ALT+T-BIL+Glc+TG+TCHO;0.727, 262.383, 1+TP+ALB+ALT+gGT+BHBA+TG;0.727, 262.314, 1+ALB+ALT+T-BIL+BHBA+Glc+TG;0.727, 263.899, 1+ALB+BUN+AST+gGT+BHBA+TG;0.727, 261.886, 1+ALB+ALT+NEFA+T-BIL+BHBA+Glc;0.727, 261.326, 1+ALB+ALT+gGT+NEFA+BHBA+TCHO;0.727, 261.616, 1+TP+ALB+ALT+T-BIL+Glc+TCHO;0.727, 261.565, 1+ALB+Ca+ALT+NEFA+T-BIL+TG;0.727, 264.661, 1+TP+ALB+AST+T-BIL+Glc+TCHO;0.727, 267.945, 1+TP+ALB+AST+gGT+BHBA+Glc;0.726, 261.002, 1+ALB+Ca+ALT+NEFA+TG+TCHO;0.726, 264.016, 1+ALB+BUN+Ca+AST+Glc+TCHO;0.726, 265.362, 1+ALB+Ca+AST+T-BIL+BHBA+Glc;0.726, 263.095, 1+TP+ALB+BUN+AST+BHBA+TG;0.726, 261.779, 1+ALB+ALT+T-BIL+BHBA+Glc+TCHO;0.726, 263.215, 1+TP+ALB+BUN+NEFA+T-BIL+TG;0.726, 262.326, 1+TP+ALB+Ca+ALT+gGT+Glc;0.726, 261.375, 1+ALB+Ca+ALT+T-BIL+TG+TCHO;0.726, 261.322, 1+ALB+ALT+NEFA+BHBA+TG+TCHO;0.726, 261.312, 1+ALB+ALT+NEFA+T-BIL+BHBA+TCHO;0.726, 264.109, 1+ALB+BUN+Ca+AST+Glc+TG;0.726, 267.672, 1+TP+ALB+Ca+AST+gGT+BHBA;0.726, 261.001, 1+ALB+Ca+ALT+NEFA+Glc+TCHO;0.726, 262.031, 1+ALB+ALT+gGT+BHBA+TG+TCHO;0.726, 262.408, 1+TP+ALB+ALT+BHBA+Glc+TG;0.726, 261.884, 1+ALB+ALT+NEFA+T-BIL+BHBA+TG;0.726, 261.888, 1+ALB+ALT+gGT+NEFA+BHBA+TG;0.726, 261.935, 1+ALB+Ca+ALT+gGT+T-BIL+TG;0.726, 262.465, 1+TP+ALB+ALT+gGT+BHBA+Glc;0.726, 265.092, 1+ALB+Ca+AST+T-BIL+TG+TCHO;0.726, 261.004, 1+ALB+Ca+ALT+NEFA+BHBA+TCHO;0.726, 261.577, 1+ALB+Ca+ALT+gGT+NEFA+T-BIL;0.726, 261.578, 1+ALB+Ca+ALT+gGT+NEFA+BHBA;0.726, 262.635, 1+TP+ALB+ALT+gGT+Glc+TG;0.726, 261.932, 1+ALB+Ca+ALT+gGT+T-BIL+Glc;0.726, 261.901, 1+ALB+ALT+gGT+NEFA+T-BIL+BHBA;0.726, 265.690, 1+ALB+AST+gGT+T-BIL+Glc+TG;0.726, 261.926, 1+ALB+Ca+ALT+T-BIL+BHBA+TG;0.726, 261.578, 1+ALB+Ca+ALT+NEFA+BHBA+Glc;0.726, 261.579, 1+ALB+Ca+ALT+gGT+NEFA+Glc;0.726, 263.705, 1+ALB+BUN+AST+BHBA+TG+TCHO;0.726, 261.793, 1+TP+ALB+Ca+ALT+gGT+TCHO;0.726, 261.004, 1+ALB+Ca+ALT+gGT+NEFA+TCHO;0.726, 261.578, 1+ALB+Ca+ALT+NEFA+T-BIL+Glc;0.726, 261.578, 1+ALB+Ca+AL

T+NEFA+T-BIL+BHBA;0.726, 265.296, 1+ALB+AST+T-BIL+Glc+TG+TCHO;0.726, 262.105, 1+TP+ALB+Ca+ALT+gGT+BHBA;0.726, 263.306, 1+TP+ALB+BUN+Ca+AST+TCHO;0.726, 261.921, 1+ALB+Ca+ALT+gGT+T-BIL+BHBA;0.726, 263.842, 1+ALB+BUN+NEFA+T-BIL+Glc+TG;0.726, 260.999, 1+ALB+Ca+ALT+NEFA+T-BIL+TCHO;0.726, 265.462, 1+ALB+Ca+AST+gGT+T-BIL+TG;0.726, 265.033, 1+ALB+Ca+AST+T-BIL+Glc+TCHO;0.726, 262.136, 1+ALB+ALT+gGT+BHBA+Glc+TCHO;0.726, 261.993, 1+TP+ALB+ALT+BHBA+Glc+TCHO;0.726, 263.725, 1+ALB+BUN+Ca+AST+BHBA+TG;0.726, 263.788, 1+TP+ALB+BUN+AST+Glc+TCHO;0.725, 262.101, 1+TP+ALB+ALT+Glc+TG+TCHO;0.725, 261.927, 1+ALB+Ca+ALT+T-BIL+BHBA+Glc;0.725, 267.665, 1+TP+ALB+Ca+AST+BHBA+Glc;0.725, 263.853, 1+ALB+BUN+NEFA+T-BIL+BHBA+TG;0.725, 265.212, 1+ALB+AST+T-BIL+BHBA+TG+TCHO;0.725, 265.425, 1+ALB+Ca+AST+gGT+T-BIL+Glc;0.725, 265.210, 1+ALB+AST+T-BIL+BHBA+Glc+TCHO;0.725, 265.324, 1+ALB+Ca+AST+gGT+T-BIL+BHBA;0.725, 261.783, 1+ALB+Ca+ALT+gGT+TG+TCHO;0.725, 262.418, 1+ALB+Ca+ALT+gGT+Glc+TG;0.725, 261.387, 1+ALB+Ca+ALT+T-BIL+Glc+TCHO;0.725, 261.640, 1+TP+ALB+Ca+ALT+TG+TCHO;0.725, 262.199, 1+ALB+ALT+gGT+Glc+TG+TCHO;0.725, 263.815, 1+ALB+BUN+gGT+NEFA+T-BIL+TG;0.725, 262.031, 1+ALB+ALT+BHBA+Glc+TG+TCHO

[0134] [31. アミノ酸+生化学2変数の式]

0.763, 248.642, 1+ALB+Asn;0.744, 253.061, 1+Lys+ALB;0.738, 253.792, 1+ALB+Orn;0.734, 252.872, 1+Trp+ALB;0.731, 254.350, 1+Arg+ALB;0.726, 256.225, 1+ALB+Val;0.726, 257.113, 1+Phe+ALB;0.723, 255.038, 1+ALB+ALT;0.723, 257.733, 1+ALB+Pro;0.722, 257.587, 1+Thr+ALB;0.721, 257.548, 1+BCAA+ALB;0.720, 261.158, 1+ALB+AST;0.716, 260.041, 1+ALB+NEFA;0.716, 257.824, 1+Tyr+ALB;0.716, 259.283, 1+ALB+Ile;0.715, 260.567, 1+ALB+Met;0.715, 258.893, 1+ALB+BUN;0.714, 258.964, 1+ALB+Leu;0.713, 261.403, 1+ALB+Gln;0.712, 260.027, 1+Ala+ALB;0.710, 259.796, 1+ALB+Cit;0.709, 260.990, 1+ALB+3MeHis;0.707, 257.951, 1+ALB+Asp;0.705, 262.900, 1+His+ALB;0.703, 262.874, 1+ALB+Ser;0.703, 262.337, 1+Gly+ALB

[0135] [3 2. アミノ酸 + 生化学 3 変数の式]

0.777, 247.271, 1+ALB+Asn+Gly; 0.773, 248.921, 1+ALB+Asn+Ser; 0.773, 244.352, 1+ALB+ALT+Asn; 0.773, 245.149, 1+ALB+BUN+Asn; 0.769, 250.185, 1+ALB+Asn+Cy s; 0.768, 249.593, 1+ALB+Asn+Ile; 0.768, 248.672, 1+ALB+Asn+Trp; 0.767, 249.804, 1+ALB+Asn+Thr; 0.767, 248.957, 1+ALB+His+Asn; 0.767, 249.625, 1+ALB+NEFA+Asn; 0.767, 249.682, 1+ALB+Asn+Lys; 0.766, 249.352, 1+ALB+Asn+3MeHis; 0.766, 249.150, 1+ALB+Asn+Orn; 0.765, 247.500, 1+ALB+Asn+Cit; 0.765, 250.485, 1+ALB+Asn+Leu; 0.764, 250.583, 1+ALB+Asn+Phe; 0.764, 250.396, 1+ALB+Asn+Met; 0.764, 250.565, 1+ALB+Asn+Tyr; 0.764, 249.300, 1+ALB+Asn+Arg; 0.764, 250.624, 1+ALB+Asn+BCAA; 0.763, 250.570, 1+ALB+Asn+Glu; 0.763, 250.525, 1+ALB+T-BIL+Asn; 0.763, 250.640, 1+ALB+Asn+Pro; 0.763, 250.638, 1+ALB+BHBA+Asn; 0.763, 250.542, 1+ALB+Asn+Tau; 0.763, 249.786, 1+ALB+TCHO+Asn; 0.763, 250.577, 1+TP+ALB+Asn; 0.763, 249.387, 1+ALB+Glc+Asn; 0.763, 250.591, 1+ALB+Asn+Gln; 0.762, 250.594, 1+ALB+TG+Asn; 0.762, 250.616, 1+ALB+Asn+Ala; 0.762, 250.469, 1+ALB+Asn+Val; 0.761, 247.695, 1+ALB+Asn+Asp; 0.761, 250.443, 1+ALB+Ca+Asn; 0.761, 248.073, 1+ALB+AST+Asn; 0.759, 250.463, 1+ALB+gGT+Asn; 0.755, 250.530, 1+Lys+ALB+BUN; 0.754, 253.542, 1+ALB+Cys+Lys; 0.753, 248.182, 1+Lys+ALT+ALB; 0.752, 249.196, 1+Phe+ALT+ALB; 0.752, 250.326, 1+Trp+ALB+BUN; 0.751, 252.852, 1+ALB+AST+Orn; 0.751, 248.364, 1+Arg+ALT+ALB; 0.750, 252.721, 1+Lys+AST+ALB; 0.750, 251.803, 1+ALB+Cit+Trp; 0.750, 252.205, 1+ALB+3MeHis+Lys; 0.750, 254.610, 1+Ala+Lys+ALB; 0.749, 249.708, 1+Trp+ALT+ALB; 0.749, 252.295, 1+Trp+Lys+ALB; 0.749, 249.606, 1+ALB+ALT+Orn; 0.748, 253.998, 1+Lys+ALB+TP; 0.748, 253.750, 1+Gly+Lys+ALB; 0.747, 252.887, 1+Lys+ALB+NEFA; 0.747, 252.457, 1+ALB+Orn+Trp; 0.747, 251.166, 1+ALB+ALT+Pro; 0.747, 252.432, 1+Phe+ALB+BUN; 0.746, 253.509, 1+Ala+Trp+ALB; 0.745, 254.117, 1+ALB+T-BIL+Lys; 0.745, 254.557, 1+ALB+Orn+Cys; 0.745, 254.993, 1+ALB+Tau+Lys; 0.745, 253.492, 1+ALB+Cit+Lys; 0.745, 254.000, 1+ALB+Orn+Lys; 0.745, 254.823, 1+ALB+Ser+Lys; 0.744, 254.919, 1+ALB+Lys+Leu; 0.744, 253.135, 1+ALB+BUN+Orn; 0.744, 251.960, 1+Trp+AST+ALB; 0.74

4, 254.524, 1+ALB+Pro+Lys; 0.744, 254.625, 1+ALB+Ala+Orn; 0.744, 254.232, 1+Lys+His+ALB; 0.744, 254.593, 1+ALB+Gln+Lys; 0.743, 255.060, 1+BCAA+Lys+ALB; 0.743, 254.945, 1+Lys+Thr+ALB; 0.743, 255.050, 1+Lys+Glc+ALB; 0.743, 254.767, 1+ALB+Lys+Ile; 0.743, 251.293, 1+ALB+ALT+Val; 0.743, 254.893, 1+Lys+TG+ALB; 0.743, 254.361, 1+ALB+His+Orn; 0.743, 255.027, 1+Lys+gGT+ALB; 0.743, 253.476, 1+ALB+Pro+Trp; 0.743, 254.875, 1+ALB+Lys+Met; 0.743, 254.917, 1+Lys+Tyr+ALB; 0.743, 254.848, 1+Lys+Phe+ALB; 0.742, 252.540, 1+ALB+Asp+Lys; 0.742, 254.818, 1+ALB+Gly+Orn; 0.742, 254.102, 1+ALB+Cys+Trp; 0.742, 255.002, 1+ALB+Glu+Lys; 0.742, 253.499, 1+Arg+AST+ALB; 0.742, 254.318, 1+Lys+TCHO+ALB; 0.742, 254.849, 1+ALB+Lys+Val; 0.742, 254.605, 1+ALB+Orn+Phe; 0.742, 251.529, 1+Thr+ALT+ALB; 0.742, 254.875, 1+Lys+ALB+BHBA; 0.741, 253.922, 1+Arg+Lys+ALB; 0.741, 253.981, 1+Trp+Phe+ALB; 0.741, 254.982, 1+Lys+ALB+Ca; 0.741, 254.650, 1+ALB+Pro+Orn; 0.741, 254.444, 1+Thr+ALB+BUN; 0.741, 254.643, 1+ALB+Arg+Cys; 0.741, 253.839, 1+ALB+3MeHis+Orn; 0.741, 252.460, 1+Trp+Arg+ALB; 0.741, 255.141, 1+ALB+Thr+Orn; 0.741, 254.817, 1+ALB+NEFA+Orn; 0.740, 255.481, 1+ALB+T-BIL+Orn; 0.740, 251.854, 1+BCAA+ALT+ALB; 0.740, 252.816, 1+ALB+3MeHis+Arg; 0.740, 254.038, 1+Gly+Trp+ALB; 0.740, 255.517, 1+ALB+Gln+Orn; 0.740, 254.849, 1+TP+ALB+Orn; 0.739, 255.279, 1+ALB+Cit+Orn; 0.739, 253.805, 1+Trp+ALB+TP; 0.739, 255.061, 1+ALB+TCHO+Orn; 0.739, 255.836, 1+Phe+ALB+NEFA; 0.739, 254.250, 1+ALB+Val+Trp; 0.739, 254.972, 1+ALB+BUN+Pro; 0.739, 255.668, 1+ALB+Ser+Orn; 0.739, 255.725, 1+ALB+gGT+Orn; 0.739, 254.645, 1+ALB+Arg+Orn; 0.739, 255.788, 1+ALB+Orn+Leu; 0.739, 253.400, 1+Arg+ALB+BUN; 0.739, 256.967, 1+Gly+Phe+ALB; 0.738, 255.789, 1+ALB+BHBA+Orn; 0.738, 255.791, 1+ALB+Orn+Ile; 0.738, 255.782, 1+ALB+Orn+Met; 0.738, 255.790, 1+ALB+Glc+Orn; 0.738, 255.301, 1+ALB+Ser+Arg; 0.738, 253.444, 1+ALB+ALT+Met; 0.738, 255.726, 1+ALB+Tau+Orn; 0.738, 253.925, 1+ALB+3MeHis+Trp; 0.738, 254.575, 1+ALB+Tau+Trp; 0.738, 255.742, 1+ALB+Glu+Orn; 0.738, 251.937, 1+ALB+Asp+Trp; 0.738, 255.521, 1+ALB+3MeHis+Phe; 0.738, 255.582, 1+ALB+Ca+Orn; 0.738, 251.632, 1+Tyr+ALT+ALB; 0.738, 254.336, 1

+ALB+Gln+Trp;0.737,254.595,1+Trp+Thr+ALB;0.737,254.199,1+Gly+Arg+ALB;
0.737,255.725,1+ALB+Orn+BCAA;0.737,255.747,1+ALB+TG+Orn;0.737,252.229
,1+ALB+ALT+Leu;0.737,255.738,1+ALB+AST+Val;0.737,254.444,1+Arg+ALB+NE
FA;0.736,254.682,1+BCAA+Trp+ALB;0.736,254.578,1+Trp+Tyr+ALB;0.736,255
.403,1+ALB+Orn+Tyr;0.736,254.791,1+ALB+Met+Trp;0.736,256.807,1+ALB+Gl
y+Pro;0.736,253.933,1+ALB+Asp+Orn;0.736,253.436,1+ALB+ALT+Ile;0.735,2
54.482,1+Trp+ALB+NEFA;0.735,253.531,1+ALB+ALT+Cit;0.735,255.417,1+ALB
+Orn+Val;0.735,254.255,1+Ala+ALT+ALB;0.735,253.211,1+ALB+BUN+ALT;0.73
5,255.338,1+Ala+ALB+BUN;0.735,254.754,1+ALB+T-BIL+Trp;0.734,254.312,1
+ALB+ALT+Gln;0.734,255.496,1+ALB+Arg+Pro;0.734,255.949,1+ALB+Cit+Thr;
0.734,257.200,1+ALB+Ala+Val;0.734,258.129,1+ALB+Cys+Phe;0.734,256.784
,1+Thr+AST+ALB;0.734,254.871,1+ALB+Glu+Trp;0.734,256.789,1+ALB+NEFA+P
ro;0.734,254.537,1+Trp+His+ALB;0.734,257.371,1+ALB+Cys+Val;0.734,258.
533,1+ALB+AST+NEFA;0.734,254.871,1+ALB+Ile+Trp;0.734,254.869,1+ALB+Se
r+Trp;0.734,256.786,1+ALB+3MeHis+Pro;0.734,257.635,1+ALB+3MeHis+Ala;0
.734,258.338,1+Ala+Gly+ALB;0.734,254.664,1+ALB+BUN+Val;0.734,259.444,
1+ALB+AST+Met;0.734,255.218,1+Arg+Thr+ALB;0.733,254.825,1+Trp+TG+ALB;
0.733,254.835,1+ALB+Leu+Trp;0.733,254.834,1+Trp+Glc+ALB;0.733,254.859
,1+Trp+ALB+BHBA;0.733,255.711,1+ALB+T-BIL+Arg;0.733,254.855,1+Trp+gGT
+ALB;0.733,255.614,1+Ala+Arg+ALB;0.733,255.674,1+Arg+Phe+ALB;0.733,25
7.047,1+ALB+AST+Pro;0.733,258.362,1+ALB+Gln+Phe;0.733,257.170,1+ALB+T
-BIL+Phe;0.733,255.037,1+ALB+Asp+Val;0.733,256.482,1+Phe+AST+ALB;0.73
3,254.349,1+Trp+TCHO+ALB;0.733,256.133,1+ALB+Arg+Met;0.732,256.156,1+
ALB+Gln+Arg;0.732,257.047,1+ALB+Pro+Val;0.732,255.996,1+Arg+gGT+ALB;0
.732,258.519,1+ALB+Thr+Cys;0.732,256.801,1+ALB+Val+BCAA;0.732,255.779
,1+His+ALT+ALB;0.732,256.954,1+BCAA+AST+ALB;0.732,255.561,1+BCAA+ALB+
BUN;0.732,257.606,1+ALB+Pro+Phe;0.732,254.791,1+Trp+ALB+Ca;0.732,256.
316,1+ALB+Tau+Arg;0.732,257.972,1+Gly+Thr+ALB;0.731,256.319,1+Arg+Glc

+ALB;0.731,257.379,1+ALB+Val+Phe;0.731,258.221,1+Ala+Phe+ALB;0.731,257.096,1+ALB+NEFA+Val;0.731,255.379,1+Arg+TCHO+ALB;0.731,251.171,1+ALB+ALT+Asp;0.731,255.206,1+ALB+Arg+Val;0.731,256.332,1+Arg+TG+ALB;0.731,256.028,1+Arg+ALB+TP;0.731,258.466,1+Ala+ALB+NEFA;0.730,256.321,1+Arg+ALB+BHBA;0.730,255.046,1+Tyr+ALB+BUN;0.730,255.673,1+Arg+His+ALB;0.730,255.998,1+Arg+ALB+Ca;0.730,254.856,1+ALB+Arg+Asp;0.730,257.057,1+Tyr+AST+ALB;0.729,258.861,1+Phe+ALB+TP;0.729,257.528,1+Thr+ALB+NEFA;0.729,255.988,1+BCAA+Arg+ALB;0.729,258.012,1+Thr+Phe+ALB;0.729,257.059,1+ALB+3MeHis+Val;0.728,258.523,1+Ala+BCAA+ALB;0.728,256.521,1+ALB+AST+ALT;0.728,256.222,1+Arg+Tyr+ALB;0.728,258.749,1+Ala+Thr+ALB;0.727,257.901,1+BCAA+ALB+NEFA;0.727,255.913,1+ALB+ALT+NEFA;0.726,261.364,1+Gly+AST+ALB;0.726,254.428,1+ALB+BUN+Asp;0.726,258.393,1+BCAA+Phe+ALB;0.726,259.204,1+Ala+AST+ALB;0.726,257.107,1+ALB+AST+Asp;0.725,259.112,1+Phe+Glc+ALB;0.725,258.619,1+Phe+Tyr+ALB;0.725,258.707,1+Phe+His+ALB;0.725,261.495,1+His+AST+ALB;0.725,258.898,1+Phe+TG+ALB;0.725,258.863,1+ALB+BUN+AST;0.725,258.720,1+Gly+BCAA+ALB;0.724,258.961,1+Phe+ALB+Ca;0.724,259.114,1+BCAA+ALB+TP;0.724,257.919,1+Phe+TCHO+ALB;0.724,258.811,1+Phe+ALB+BHBA;0.724,255.937,1+ALB+ALT+3MeHis;0.724,259.381,1+Thr+ALB+TP;0.724,257.861,1+ALB+Tyr+Val;0.724,258.977,1+Phe+gGT+ALB;0.724,256.690,1+ALB+NEFA+Asp;0.723,259.377,1+Thr+Glc+ALB;0.723,259.515,1+Thr+ALB+BHBA;0.723,257.204,1+ALB+3MeHis+Tyr;0.723,258.661,1+BCAA+Thr+ALB;0.723,256.310,1+ALB+Asp+Phe;0.723,259.271,1+Thr+His+ALB;0.723,256.443,1+Gly+ALT+ALB;0.723,259.363,1+Thr+gGT+ALB;0.722,258.289,1+Tyr+ALB+NEFA;0.722,258.616,1+Gly+Tyr+ALB;0.722,260.388,1+ALB+AST+3MeHis;0.722,258.215,1+ALB+BUN+NEFA;0.722,258.879,1+BCAA+His+ALB;0.722,259.054,1+Ala+Tyr+ALB;0.722,258.492,1+Thr+Tyr+ALB;0.721,254.090,1+ALB+3MeHis+Asp;0.721,258.911,1+Thr+TCHO+ALB;0.721,259.494,1+Thr+ALB+Ca;0.720,259.548,1+BCAA+Glc+ALB;0.720,259.402,1+BCAA+ALB+Ca;0.720,259.159,1+BCAA+A

LB+BHBA;0.720, 259.459, 1+BCAA+gGT+ALB;0.720, 258.956, 1+BCAA+Tyr+ALB;0.720, 258.471, 1+BCAA+TCHO+ALB;0.719, 260.032, 1+His+ALB+BUN;0.719, 259.206, 1+Thr+TG+ALB;0.718, 259.423, 1+BCAA+TG+ALB;0.718, 259.025, 1+ALB+BUN+3MeHis;0.717, 259.803, 1+Tyr+Glc+ALB;0.716, 257.278, 1+ALB+Asp+Tyr;0.716, 261.513, 1+Ala+gGT+ALB;0.716, 259.659, 1+Tyr+ALB+Ca;0.716, 259.686, 1+Tyr+gGT+ALB;0.716, 259.585, 1+Tyr+ALB+TP;0.715, 259.791, 1+Tyr+TG+ALB;0.715, 260.298, 1+Gly+ALB+BUN;0.715, 261.135, 1+ALB+NEFA+3MeHis;0.714, 259.675, 1+Tyr+ALB+BHBA;0.714, 259.593, 1+Tyr+His+ALB;0.714, 262.014, 1+Gly+ALB+NEFA;0.714, 261.729, 1+His+ALB+NEFA;0.713, 258.324, 1+Tyr+TCHO+ALB;0.712, 261.677, 1+Ala+TG+ALB;0.712, 261.988, 1+Ala+His+ALB;0.712, 262.021, 1+Ala+Glc+ALB;0.712, 262.023, 1+Ala+ALB+TP;0.711, 263.250, 1+Gly+His+ALB;0.711, 261.830, 1+Ala+ALB+Ca;0.711, 260.810, 1+Ala+TCHO+ALB;0.711, 261.651, 1+Ala+ALB+BHBA;0.709, 264.620, 1+His+gGT+ALB;0.707, 264.722, 1+His+ALB+TP;0.705, 264.509, 1+His+ALB+Ca;0.705, 268.177, 1+Phe+His+ALT;0.705, 264.873, 1+His+Glc+ALB;0.704, 263.960, 1+Gly+ALB+BHBA;0.704, 264.637, 1+His+ALB+BHBA;0.703, 264.226, 1+Gly+gGT+ALB;0.703, 264.470, 1+His+TG+ALB;0.703, 263.895, 1+Gly+ALB+TP;0.702, 263.751, 1+His+TCHO+ALB;0.702, 264.299, 1+Gly+Glc+ALB;0.702, 264.083, 1+Gly+TG+ALB;0.702, 263.875, 1+Gly+ALB+Ca;0.701, 263.247, 1+Gly+TCHO+ALB;0.700, 268.528, 1+BUN+ALT+Asn

[0136] [33. アミノ酸+生化学4変数の式]

0.785, 242.136, 1+ALB+BUN+ALT+Asn;0.780, 245.877, 1+ALB+BUN+Asn+Ile;0.780, 247.807, 1+ALB+Asn+Orn+Ile;0.780, 245.448, 1+ALB+BUN+Asn+Trp;0.779, 248.189, 1+ALB+Asn+Lys+Ile;0.779, 245.198, 1+ALB+ALT+Asn+Ile;0.778, 245.741, 1+ALB+ALT+Asn+Thr;0.778, 247.779, 1+ALB+Asn+Arg+Ile;0.778, 245.488, 1+ALB+ALT+Asn+Trp;0.777, 249.815, 1+ALB+Asn+Tyr+Trp;0.777, 247.010, 1+ALB+His+Asn+Orn;0.777, 245.155, 1+ALB+ALT+His+Asn;0.776, 245.415, 1+ALB+ALT+Glc+Asn;0.776, 245.353, 1+ALB+BUN+His+Asn;0.776, 246.620, 1+ALB+BUN+NEFA+Asn;0.776, 246.436, 1+ALB+BUN+Asn+Thr;0.776, 246.576, 1+ALB+BUN+Asn+3MeHis;0.77

5, 246.386, 1+ALB+BUN+Asn+Lys;0.775, 244.982, 1+ALB+ALT+Asn+Arg;0.775, 246.381, 1+ALB+BUN+Glc+Asn;0.775, 246.083, 1+ALB+ALT+Asn+3MeHis;0.775, 245.552, 1+ALB+ALT+Asn+Orn;0.775, 247.021, 1+ALB+BUN+Asn+Tyr;0.774, 246.913, 1+ALB+BUN+T-BIL+Asn;0.774, 248.976, 1+ALB+His+Asn+Lys;0.774, 243.764, 1+ALB+BUN+Asn+Asp;0.774, 246.311, 1+ALB+ALT+Asn+Tyr;0.774, 246.301, 1+ALB+ALT+NEFA+Asn;0.774, 246.800, 1+ALB+BUN+Asn+Phe;0.774, 245.857, 1+ALB+ALT+Asn+Phe;0.774, 250.456, 1+ALB+NEFA+Asn+Ile;0.774, 243.147, 1+ALB+ALT+Asn+Asp;0.773, 249.483, 1+ALB+NEFA+His+Asn;0.773, 251.166, 1+ALB+Asn+Lys+Tyr;0.773, 245.569, 1+ALB+ALT+Asn+Lys;0.773, 246.721, 1+ALB+BUN+Asn+Orn;0.773, 246.656, 1+ALB+BUN+Asn+Arg;0.773, 246.345, 1+ALB+ALT+BHBA+Asn;0.773, 246.313, 1+ALB+ALT+Asn+Val;0.773, 247.149, 1+ALB+BUN+Asn+Val;0.773, 246.262, 1+ALB+Ca+ALT+Asn;0.772, 245.478, 1+ALB+BUN+AST+Asn;0.772, 250.750, 1+ALB+NEFA+Asn+Thr;0.772, 247.047, 1+ALB+BUN+gGT+Asn;0.772, 246.952, 1+ALB+BUN+Ca+Asn;0.772, 246.343, 1+ALB+ALT+gGT+Asn;0.772, 246.255, 1+ALB+ALT+T-BIL+Asn;0.772, 250.455, 1+ALB+Asn+Orn+Tyr;0.772, 250.623, 1+ALB+His+Asn+Ile;0.772, 247.054, 1+ALB+BUN+BHBA+Asn;0.771, 245.698, 1+ALB+AST+ALT+Asn;0.771, 249.051, 1+ALB+Glc+His+Asn;0.771, 248.008, 1+ALB+His+Asn+Arg;0.771, 250.066, 1+ALB+Asn+Arg+Tyr;0.770, 247.955, 1+ALB+AST+Asn+Trp;0.770, 249.804, 1+ALB+Asn+Thr+Lys;0.770, 249.402, 1+ALB+Glc+Asn+Ile;0.770, 250.047, 1+ALB+Asn+3MeHis+Lys;0.770, 251.257, 1+ALB+Asn+Thr+Ile;0.770, 252.317, 1+ALB+Asn+Tyr+Phe;0.770, 249.358, 1+ALB+Asn+Thr+Orn;0.770, 251.384, 1+ALB+NEFA+Asn+Tyr;0.770, 249.833, 1+ALB+Asn+3MeHis+Trp;0.770, 248.904, 1+ALB+AST+Asn+Ile;0.769, 250.808, 1+ALB+NEFA+T-BIL+Asn;0.769, 250.147, 1+ALB+Asn+Orn+Trp;0.769, 250.566, 1+ALB+NEFA+Asn+Lys;0.769, 249.970, 1+ALB+Asn+3MeHis+Orn;0.769, 251.485, 1+ALB+T-BIL+Asn+Ile;0.769, 250.372, 1+ALB+NEFA+Asn+Trp;0.769, 250.599, 1+ALB+Asn+Val+Trp;0.768, 251.417, 1+ALB+NEFA+BHBA+Asn;0.768, 246.270, 1+Phe+ALT+ALB+BUN;0.768, 250.571, 1+ALB+NEFA+Asn+Orn;0.768, 250.454, 1+ALB+Asn+Lys+Trp;0.768, 251.576, 1+ALB+BHBA+Asn+Ile;0.768, 250.604, 1+

ALB+T-BIL+His+Asn;0.768,251.530,1+ALB+T-BIL+Asn+Lys;0.768,251.641,1+ALB+T-BIL+Asn+Thr;0.768,251.443,1+ALB+NEFA+Asn+Phe;0.768,250.630,1+ALB+Asn+Phe+Trp;0.768,251.002,1+ALB+NEFA+Asn+3MeHis;0.768,246.659,1+ALB+Asn+3MeHis+Asp;0.767,250.690,1+ALB+His+Asn+Thr;0.767,250.994,1+ALB+Asn+Orn+Val;0.767,251.780,1+ALB+BHBA+Asn+Thr;0.767,250.157,1+ALB+Asn+Arg+Trp;0.767,251.612,1+ALB+Asn+Lys+Phe;0.767,251.068,1+ALB+Asn+Orn+Lys;0.767,249.504,1+ALB+Asn+3MeHis+Arg;0.767,251.650,1+ALB+Asn+Lys+Val;0.767,250.899,1+ALB+BHBA+His+Asn;0.767,248.515,1+ALB+AST+Asn+Orn;0.767,250.757,1+ALB+Glc+Asn+Lys;0.767,250.523,1+ALB+Glc+Asn+Thr;0.767,251.673,1+ALB+BHBA+Asn+Lys;0.767,251.418,1+ALB+gGT+Asn+Ile;0.766,251.586,1+ALB+NEFA+Asn+Val;0.766,249.367,1+ALB+AST+Asn+Lys;0.766,251.330,1+ALB+Ca+Asn+Ile;0.766,251.129,1+ALB+BHBA+Asn+Orn;0.766,250.238,1+ALB+NEFA+Glc+Asn;0.766,248.768,1+ALB+NEFA+Asn+Asp;0.766,250.445,1+ALB+NEFA+Asn+Arg;0.766,251.323,1+ALB+Asn+3MeHis+Tyr;0.766,251.147,1+ALB+Asn+Orn+Phe;0.766,248.651,1+ALB+Asn+Asp+Tyr;0.766,252.115,1+ALB+Asn+Tyr+Val;0.766,249.614,1+Ala+Trp+ALB+BUN;0.766,249.223,1+ALB+AST+Asn+Thr;0.766,250.024,1+ALB+Asn+Arg+Thr;0.766,250.794,1+ALB+gGT+His+Asn;0.766,250.712,1+ALB+Ca+His+Asn;0.766,248.353,1+ALB+Asn+Asp+Trp;0.766,251.139,1+ALB+T-BIL+Asn+Orn;0.766,251.310,1+ALB+Asn+3MeHis+Val;0.765,252.478,1+ALB+T-BIL+BHBA+Asn;0.765,249.280,1+ALB+Asn+Asp+Lys;0.765,248.937,1+ALB+AST+His+Asn;0.765,251.639,1+ALB+gGT+Asn+Thr;0.765,250.904,1+ALB+Asn+Arg+Orn;0.765,251.088,1+ALB+Asn+3MeHis+Phe;0.765,251.626,1+ALB+Ca+Asn+Thr;0.765,251.532,1+ALB+gGT+NEFA+Asn;0.765,251.509,1+ALB+Ca+Asn+Lys;0.764,250.209,1+ALB+Glc+Asn+Orn;0.764,248.587,1+ALB+AST+NEFA+Asn;0.764,251.592,1+ALB+gGT+Asn+Lys;0.764,251.017,1+ALB+Ca+Asn+Orn;0.764,249.194,1+ALB+Asn+Asp+Orn;0.764,251.137,1+ALB+Asn+Arg+Lys;0.764,251.035,1+ALB+gGT+Asn+Orn;0.764,251.256,1+ALB+T-BIL+Asn+Arg;0.763,251.292,1+ALB+BHBA+Asn+Arg;0.763,251.296,1+ALB+Asn+Arg+Val;0.763,251.392,1+ALB+C

a+NEFA+Asn;0.763,251.113,1+ALB+T-BIL+Glc+Asn;0.763,250.490,1+ALB+Glc+Asn+Arg;0.763,251.223,1+ALB+Asn+Arg+Phe;0.763,248.839,1+ALB+AST+Asn+3MeHis;0.763,249.984,1+ALB+AST+Asn+Tyr;0.762,248.975,1+ALB+AST+Glc+Asn;0.762,249.461,1+ALB+Asn+Arg+Asp;0.762,246.875,1+Lys+ALT+ALB+BUN;0.762,252.467,1+ALB+Asn+Val+Phe;0.762,248.753,1+ALB+AST+Asn+Arg;0.762,251.080,1+ALB+gGT+Asn+Arg;0.762,249.641,1+ALB+Asn+Asp+Phe;0.761,251.112,1+ALB+gGT+Glc+Asn;0.761,249.680,1+ALB+Asn+Asp+Val;0.761,249.995,1+ALB+AST+BHBA+Asn;0.761,250.056,1+ALB+AST+Asn+Phe;0.761,249.704,1+ALB+AST+T-BIL+Asn;0.761,251.321,1+ALB+Ca+Glc+Asn;0.761,247.033,1+ALB+AST+Asn+Asp;0.761,252.357,1+ALB+gGT+T-BIL+Asn;0.761,252.326,1+ALB+Ca+T-BIL+Asn;0.760,251.177,1+ALB+BHBA+Glc+Asn;0.760,251.196,1+ALB+Ca+Asn+Arg;0.760,251.182,1+Ala+Lys+ALB+BUN;0.760,249.933,1+Trp+Lys+ALB+BUN;0.760,252.427,1+ALB+Ca+BHBA+Asn;0.760,254.427,1+Ala+Gly+Lys+ALB;0.760,249.969,1+ALB+AST+Asn+Val;0.760,252.461,1+ALB+gGT+BHBA+Asn;0.760,249.867,1+ALB+Ca+AST+Asn;0.760,249.244,1+Trp+Phe+ALT+ALB;0.759,248.130,1+Trp+ALT+ALB+BUN;0.759,250.045,1+ALB+AST+gGT+Asn;0.759,250.657,1+Trp+Phe+ALB+BUN;0.759,250.662,1+ALB+BUN+3MeHis+Lys;0.759,253.121,1+Gly+Lys+AST+ALB;0.759,253.536,1+Ala+Gly+Trp+ALB;0.758,248.590,1+Trp+Arg+ALT+ALB;0.758,248.377,1+Arg+ALT+ALB+BUN;0.758,249.048,1+ALB+ALT+3MeHis+Lys;0.758,249.102,1+ALB+ALT+Orn+Phe;0.758,248.941,1+ALB+ALT+Arg+Phe;0.758,251.684,1+Lys+Phe+ALB+BUN;0.758,249.427,1+ALB+BUN+Asp+Lys;0.758,250.478,1+Ala+Trp+ALT+ALB;0.758,251.642,1+Lys+His+ALB+BUN;0.757,250.887,1+Lys+ALB+BUN+TP;0.757,250.761,1+Trp+ALB+BUN+TP;0.757,249.183,1+Lys+Phe+ALT+ALB;0.757,249.370,1+Lys+ALT+ALB+TP;0.757,252.245,1+ALB+Ca+gGT+Asn;0.757,252.127,1+Gly+Lys+ALB+BUN;0.757,251.203,1+Lys+ALB+BUN+NEFA;0.757,250.303,1+Gly+Phe+ALT+ALB;0.756,249.842,1+ALB+ALT+3MeHis+Phe;0.756,249.599,1+ALB+ALT+Orn+Trp;0.756,250.916,1+Ala+ALT+ALB+BUN;0.756,247.453,1+ALB+ALT+Asp+Lys;0.756,252.024,1+Lys+AST+ALB+NEFA;0.756,249.862,1+

Ala+Lys+ALT+ALB;0.756,250.498,1+Phe+ALT+ALB+NEFA;0.756,251.016,1+Lys+AST+ALB+BUN;0.756,249.556,1+Lys+ALT+AST+ALB;0.756,249.731,1+Gly+Lys+ALT+ALB;0.756,249.753,1+Thr+ALT+ALB+BUN;0.756,249.597,1+ALB+BUN+ALT+Orn;0.755,253.249,1+Lys+AST+ALB+TP;0.755,252.320,1+ALB+BUN+Lys+Ile;0.755,252.326,1+Lys+Thr+ALB+BUN;0.755,248.880,1+Trp+Lys+ALT+ALB;0.755,251.409,1+ALB+BUN+T-BIL+Lys;0.755,249.596,1+Arg+ALT+AST+ALB;0.755,252.386,1+Lys+Tyr+ALB+BUN;0.755,249.600,1+Gly+Arg+ALT+ALB;0.755,250.002,1+Ala+Arg+ALT+ALB;0.755,252.506,1+ALB+BUN+Lys+Val;0.755,252.518,1+Lys+Glc+ALB+BUN;0.755,249.862,1+ALB+ALT+Lys+Ile;0.755,254.388,1+Ala+Gly+Arg+ALB;0.754,252.143,1+Arg+Lys+ALB+BUN;0.754,249.801,1+Lys+ALT+ALB+NEFA;0.754,249.703,1+ALB+ALT+Orn+Lys;0.754,249.553,1+Arg+Thr+ALT+ALB;0.754,251.503,1+ALB+AST+Orn+Trp;0.754,248.808,1+Arg+Lys+ALT+ALB;0.754,254.700,1+Lys+His+ALB+TP;0.754,251.150,1+ALB+BUN+Orn+Trp;0.754,252.530,1+Lys+gGT+ALB+BUN;0.754,248.911,1+ALB+BUN+Asp+Trp;0.754,251.823,1+Trp+Lys+AST+ALB;0.754,252.476,1+BCAA+Lys+ALB+BUN;0.754,250.018,1+Lys+Thr+ALT+ALB;0.754,250.089,1+ALB+ALT+T-BIL+Lys;0.754,252.315,1+ALB+BUN+Orn+Lys;0.754,253.450,1+ALB+AST+Orn+Lys;0.754,252.451,1+Ala+Trp+AST+ALB;0.754,252.399,1+Lys+ALB+BUN+Ca;0.754,250.996,1+Phe+ALT+ALB+BHBA;0.754,252.132,1+ALB+AST+3MeHis+Lys;0.754,250.123,1+Arg+ALT+ALB+TP;0.754,250.126,1+ALB+ALT+Lys+Val;0.754,252.120,1+ALB+BUN+3MeHis+Phe;0.754,253.381,1+ALB+AST+NEFA+Orn;0.754,254.010,1+ALB+AST+His+Orn;0.753,249.602,1+Lys+TCHO+ALT+ALB;0.753,250.180,1+BCAA+Lys+ALT+ALB;0.753,252.513,1+Lys+TG+ALB+BUN;0.753,250.063,1+Lys+ALT+ALB+BHBA;0.753,250.754,1+Phe+His+ALT+ALB;0.753,250.975,1+Trp+Arg+ALB+BUN;0.753,250.179,1+Lys+Glc+ALT+ALB;0.753,250.181,1+Lys+TG+ALT+ALB;0.753,252.973,1+Gly+Arg+AST+ALB;0.753,249.044,1+ALB+ALT+3MeHis+Arg;0.753,249.776,1+ALB+ALT+Arg+Orn;0.753,249.745,1+Lys+His+ALT+ALB;0.753,252.773,1+Ala+Phe+ALB+BUN;0.753,250.959,1+Ala+Phe+ALT+ALB;0.753,254.251,1+Gly+Lys+ALB+TP;0.753,252.200,

1+Lys+ALB+BUN+BHBA;0.753,250.232,1+Arg+TG+ALT+ALB;0.753,251.074,1+Phe+ALT+ALB+TP;0.753,250.294,1+ALB+ALT+Arg+Ile;0.753,252.597,1+ALB+BUN+Orn+Phe;0.753,255.257,1+Ala+Lys+His+ALB;0.753,250.172,1+Lys+ALT+gGT+ALB;0.753,254.111,1+ALB+AST+T-BIL+Orn;0.753,256.931,1+Ala+Gly+Phe+ALB;0.752,252.914,1+Trp+Lys+ALB+TP;0.752,252.134,1+Lys+TCHO+ALB+BUN;0.752,252.696,1+Trp+Lys+His+ALB;0.752,249.969,1+Lys+Tyr+ALT+ALB;0.752,253.857,1+ALB+AST+Orn+Phe;0.752,253.867,1+Ala+Trp+Lys+ALB;0.752,251.036,1+ALB+ALT+His+Orn;0.752,254.206,1+Ala+Lys+AST+ALB;0.752,254.796,1+ALB+AST+BHBA+Orn;0.752,254.844,1+ALB+AST+Orn+Ile;0.752,250.127,1+Lys+ALT+ALB+Ca;0.752,250.854,1+ALB+ALT+Thr+Orn;0.752,251.194,1+Phe+TG+ALT+ALB;0.752,253.296,1+Gly+Trp+Lys+ALB;0.752,250.761,1+Phe+TCHO+ALT+ALB;0.752,250.318,1+Arg+ALT+gGT+ALB;0.752,252.320,1+Trp+TG+ALB+BUN;0.752,251.980,1+Trp+Thr+ALB+BUN;0.752,252.646,1+ALB+3MeHis+Lys+Trp;0.752,250.072,1+Arg+ALT+ALB+Ca;0.752,249.901,1+ALB+ALT+Arg+Val;0.752,250.186,1+Arg+ALT+ALB+NEFA;0.752,254.358,1+Ala+Lys+ALB+NEFA;0.752,251.191,1+Phe+ALT+gGT+ALB;0.752,248.294,1+ALB+ALT+Asp+Trp;0.752,250.604,1+ALB+AST+ALT+Orn;0.752,252.461,1+Trp+AST+ALB+TP;0.752,252.130,1+Gly+Trp+ALB+BUN;0.752,254.697,1+ALB+Ca+AST+Orn;0.752,254.725,1+ALB+AST+gGT+Orn;0.752,250.875,1+ALB+ALT+Val+Phe;0.752,250.340,1+Arg+Glc+ALT+ALB;0.752,252.543,1+Phe+ALB+BUN+NEFA;0.752,254.312,1+Lys+His+AST+ALB;0.752,251.129,1+Phe+Tyr+ALT+ALB;0.752,251.137,1+BCAA+Phe+ALT+ALB;0.752,250.797,1+Phe+ALT+AST+ALB;0.752,250.883,1+Trp+ALT+ALB+TP;0.751,250.998,1+ALB+ALT+Val+Trp;0.751,248.703,1+ALB+ALT+Arg+Asp;0.751,253.548,1+Lys+ALB+TP+NEFA;0.751,252.061,1+Trp+Tyr+ALB+BUN;0.751,252.325,1+Trp+gGT+ALB+BUN;0.751,251.191,1+Phe+Glc+ALT+ALB;0.751,249.606,1+ALB+3MeHis+Asp+Lys;0.751,253.764,1+BCAA+Trp+Lys+ALB;0.751,250.381,1+Trp+AST+ALB+BUN;0.751,254.219,1+ALB+AST+Thr+Orn;0.751,254.849,1+ALB+AST+Glc+Orn;0.751,253.423,1+Arg+Lys+AST+ALB;0.751,249.266,1+ALB+ALT+Asp+Orn;0.751,252.301,1+BCA

A+Trp+ALB+BUN;0.751,250.770,1
+Thr+Phe+ALT+ALB;0.751,254.495,1+ALB+AST+Lys+Ile;0.751,252.961,1+ALB+BUN+AST+Orn;0.751,253.127,1+ALB+AST+3MeHis+Orn;0.751,249.916,1+Arg+His+ALT+ALB;0.751,254.444,1+Lys+AST+ALB+BHBA;0.751,251.133,1+Phe+ALT+ALB+Ca;0.751,250.364,1+Arg+ALT+ALB+BHBA;0.751,252.324,1+Trp+Glc+ALB+BUN;0.751,251.593,1+Trp+Arg+AST+ALB;0.751,250.363,1+ALB+ALT+T-BIL+Arg;0.751,253.741,1+ALB+AST+Arg+Orn;0.751,253.253,1+ALB+AST+T-BIL+Lys;0.751,249.958,1+Arg+TCHO+ALT+ALB;0.751,253.575,1+ALB+3MeHis+Orn+Lys;0.751,250.975,1+ALB+ALT+3MeHis+Orn;0.751,253.768,1+ALB+3MeHis+Lys+Phe;0.751,252.148,1+ALB+BUN+Val+Trp;0.751,252.029,1+ALB+AST+Asp+Lys;0.751,252.710,1+ALB+3MeHis+Arg+Lys;0.751,253.579,1+Gly+Phe+ALB+BUN;0.751,253.779,1+Thr+Phe+ALB+BUN;0.751,254.499,1+Lys+Phe+AST+ALB;0.751,255.345,1+Gly+Lys+Phe+ALB;0.751,250.675,1+ALB+BUN+ALT+Val;0.750,251.833,1+ALB+BUN+3MeHis+Trp;0.750,250.303,1+Arg+Tyr+ALT+ALB;0.750,251.396,1+Gly+Trp+ALT+ALB;0.750,251.173,1+Trp+TCHO+ALT+ALB;0.750,255.704,1+Gly+BCAA+Lys+ALB;0.750,254.532,1+ALB+AST+Lys+Val;0.750,251.925,1+Trp+His+ALB+BUN;0.750,254.252,1+Gly+Arg+Lys+ALB;0.750,254.720,1+BCAA+Lys+AST+ALB;0.750,252.209,1+Trp+ALB+BUN+BHBA;0.750,255.204,1+Ala+Trp+Phe+ALB;0.750,251.694,1+Trp+ALT+gGT+ALB;0.750,254.300,1+Lys+TCHO+AST+ALB;0.750,252.027,1+Trp+TCHO+ALB+BUN;0.750,254.716,1+Lys+Glc+AST+ALB;0.750,252.216,1+Trp+ALB+BUN+NEFA;0.750,251.101,1+Trp+Thr+ALT+ALB;0.750,256.601,1+Ala+Lys+Glc+ALB;0.750,250.222,1+BCAA+Arg+ALT+ALB;0.750,251.688,1+Trp+Glc+ALT+ALB;0.749,250.633,1+Trp+ALT+AST+ALB;0.749,256.589,1+Ala+BCAA+Lys+ALB;0.749,254.243,1+Trp+Lys+Tyr+ALB;0.749,254.573,1+Lys+Thr+AST+ALB;0.749,251.707,1+Trp+ALT+ALB+BHBA;0.749,251.277,1+BCAA+Trp+ALT+ALB;0.749,254.580,1+Lys+AST+gGT+ALB;0.749,255.001,1+Ala+Trp+ALB+NEFA;0.749,254.631,1+Lys+TG+AST+ALB;0.749,251.691,1+Trp+TG+ALT+ALB;0.749,251.708,1+Trp+ALT+ALB+NEFA;0.749,254.672,1+Lys+AST+ALB+Ca;0.749,254.260,1+Trp+

Lys+ALB+BHBA;0.749, 256.584, 1+Ala+Lys+Thr+ALB;0.749, 255.905, 1+Lys+Phe+ALB+TP;0.749, 253.513, 1+Phe+His+ALB+BUN;0.749, 252.921, 1+Gly+Trp+AST+ALB;0.749, 256.522, 1+Ala+Lys+gGT+ALB;0.749, 253.535, 1+Trp+Lys+ALB+NEFA;0.749, 255.976, 1+Lys+Thr+ALB+TP;0.749, 250.973, 1+BCAA+ALT+ALB+BUN;0.749, 255.895, 1+Ala+Lys+ALB+TP;0.749, 253.756, 1+Trp+Lys+TCHO+ALB;0.749, 252.176, 1+Trp+ALB+BUN+Ca;0.749, 254.286, 1+Trp+Lys+Phe+ALB;0.749, 255.984, 1+BCAA+Lys+ALB+TP;0.749, 254.559, 1+Lys+Tyr+AST+ALB;0.749, 254.204, 1+Trp+Lys+Thr+ALB;0.749, 256.507, 1+Ala+Lys+Phe+ALB;0.749, 253.504, 1+Lys+His+ALB+NEFA;0.749, 251.656, 1+Trp+His+ALT+ALB;0.748, 253.550, 1+Ala+Arg+ALB+BUN;0.748, 252.912, 1+Arg+AST+ALB+NEFA;0.748, 253.959, 1+Ala+Trp+Arg+ALB;0.748, 254.293, 1+Trp+Lys+gGT+ALB;0.748, 254.253, 1+Trp+Lys+Glc+ALB;0.748, 255.525, 1+Lys+Phe+His+ALB;0.748, 253.698, 1+Trp+Arg+Lys+ALB;0.748, 255.625, 1+Lys+ALB+TP+BHBA;0.748, 256.579, 1+Ala+Lys+Tyr+ALB;0.748, 255.741, 1+Gly+Lys+Glc+ALB;0.748, 253.357, 1+Arg+Phe+ALB+BUN;0.748, 255.604, 1+Gly+Lys+ALB+BHBA;0.748, 250.242, 1+Tyr+ALT+ALB+BUN;0.748, 256.547, 1+Ala+Lys+ALB+Ca;0.748, 255.597, 1+Gly+Lys+Thr+ALB;0.748, 254.713, 1+BCAA+Lys+ALB+NEFA;0.748, 255.451, 1+Ala+Trp+Glc+ALB;0.748, 255.046, 1+Gly+Lys+His+ALB;0.748, 255.973, 1+Lys+Glc+ALB+TP;0.748, 253.795, 1+Phe+ALB+BUN+TP;0.748, 255.785, 1+Lys+gGT+ALB+TP;0.748, 255.949, 1+Lys+Tyr+ALB+TP;0.748, 254.832, 1+Lys+Glc+ALB+NEFA;0.748, 255.748, 1+Gly+Lys+gGT+ALB;0.748, 254.870, 1+Lys+Thr+ALB+NEFA;0.748, 254.248, 1+Trp+Lys+TG+ALB;0.748, 254.839, 1+Lys+TG+ALB+NEFA;0.748, 251.008, 1+Trp+Tyr+ALT+ALB;0.747, 255.906, 1+Lys+ALB+TP+Ca;0.747, 254.242, 1+Trp+Lys+ALB+Ca;0.747, 254.932, 1+Gly+Lys+TCHO+ALB;0.747, 254.792, 1+Gly+Trp+Phe+ALB;0.747, 254.189, 1+Ala+Trp+His+ALB;0.747, 254.385, 1+Phe+Glc+ALB+BUN;0.747, 253.269, 1+Trp+Phe+AST+ALB;0.747, 255.506, 1+Ala+Trp+Thr+ALB;0.747, 256.423, 1+Ala+Lys+ALB+BHBA;0.747, 254.859, 1+Lys+ALB+NEFA+BHBA;0.747, 255.772, 1+Lys+TG+ALB+TP;0.747, 252.741, 1+Phe+AST+ALB+BUN;0.747, 251.626, 1+Trp+ALT+ALB+Ca;0.747, 254.748, 1+Gly+Lys+ALB+NEFA;

0.747, 255.731, 1+Gly+Lys+TG+ALB; 0.747, 254.887, 1+Lys+gGT+ALB+NEFA; 0.747, 254.526, 1+Ala+Thr+ALB+BUN; 0.747, 255.113, 1+Lys+TCHO+ALB+TP; 0.747, 255.506, 1+Ala+Trp+ALB+BHBA; 0.747, 254.877, 1+Ala+Trp+TCHO+ALB; 0.746, 254.419, 1+BCAA+Phe+ALB+BUN; 0.746, 255.508, 1+Ala+BCAA+Trp+ALB; 0.746, 255.790, 1+Ala+Lys+TCHO+ALB; 0.746, 255.642, 1+Gly+Lys+Tyr+ALB; 0.746, 255.116, 1+Arg+Lys+ALB+TP; 0.746, 253.112, 1+Gly+Trp+Arg+ALB; 0.746, 253.712, 1+Arg+Thr+ALB+BUN; 0.746, 255.508, 1+Ala+Trp+Tyr+ALB; 0.746, 254.963, 1+Ala+Trp+ALB+TP; 0.746, 255.682, 1+Gly+Lys+ALB+Ca; 0.746, 253.804, 1+Phe+TCHO+ALB+BUN; 0.746, 253.945, 1+Lys+TCHO+ALB+NEFA; 0.746, 255.742, 1+Lys+Thr+His+ALB; 0.746, 255.485, 1+Ala+Trp+TG+ALB; 0.746, 254.323, 1+Arg+Lys+His+ALB; 0.746, 253.691, 1+Trp+Thr+AST+ALB; 0.745, 254.423, 1+Phe+TG+ALB+BUN; 0.745, 256.469, 1+Ala+Lys+TG+ALB; 0.745, 254.384, 1+Phe+gGT+ALB+BUN; 0.745, 255.984, 1+Gly+Phe+AST+ALB; 0.745, 254.839, 1+Lys+ALB+Ca+NEFA; 0.745, 257.955, 1+Ala+Gly+Thr+ALB; 0.745, 254.375, 1+Phe+Tyr+ALB+BUN; 0.745, 254.107, 1+Arg+Lys+ALB+NEFA; 0.745, 252.995, 1+Ala+Thr+ALT+ALB; 0.745, 256.059, 1+BCAA+Lys+His+ALB; 0.745, 254.404, 1+Arg+Thr+AST+ALB; 0.745, 254.730, 1+Ala+ALB+BUN+NEFA; 0.745, 255.140, 1+Ala+Gly+ALB+BUN; 0.745, 255.425, 1+Ala+Trp+gGT+ALB; 0.745, 253.863, 1+Trp+AST+ALB+BHBA; 0.745, 253.119, 1+Ala+BCAA+ALT+ALB; 0.745, 252.988, 1+Gly+Thr+ALT+ALB; 0.745, 253.840, 1+BCAA+Trp+AST+ALB; 0.745, 254.727, 1+Ala+Arg+AST+ALB; 0.744, 256.899, 1+BCAA+Lys+Thr+ALB; 0.744, 256.706, 1+Ala+AST+ALB+NEFA; 0.744, 253.676, 1+Trp+Tyr+AST+ALB; 0.744, 256.206, 1+Lys+His+Glc+ALB; 0.744, 253.706, 1+Trp+AST+gGT+ALB; 0.744, 253.569, 1+Trp+Arg+ALB+TP; 0.744, 254.997, 1+Arg+AST+ALB+TP; 0.744, 253.945, 1+Trp+Glc+AST+ALB; 0.744, 255.448, 1+Ala+Trp+ALB+Ca; 0.744, 253.593, 1+Trp+TCHO+AST+ALB; 0.744, 254.712, 1+Gly+Trp+ALB+TP; 0.744, 252.929, 1+BCAA+Thr+ALT+ALB; 0.744, 253.241, 1+Trp+AST+ALB+NEFA; 0.744, 255.273, 1+Ala+BCAA+ALB+BUN; 0.744, 253.958, 1+Trp+TG+AST+ALB; 0.744, 252.668, 1+Trp+Arg+His+ALB; 0.744, 256.768, 1+BCAA+Lys+Phe+ALB; 0.744, 253.309, 1+Arg+AST+ALB+BUN; 0.744, 255.182, 1+Thr+ALB+BUN+NEFA; 0

. 744, 255. 636, 1+Ala+Arg+Lys+ALB; 0. 744, 256. 901, 1+Lys+Thr+gGT+ALB; 0. 744, 255. 376, 1+Arg+AST+ALB+BHBA; 0. 744, 256. 907, 1+Lys+Thr+Glc+ALB; 0. 744, 256. 216, 1+Lys+His+gGT+ALB; 0. 744, 253. 854, 1+Trp+His+AST+ALB; 0. 743, 258. 494, 1+Ala+Gly+BCAA+ALB; 0. 743, 255. 431, 1+Arg+Glc+AST+ALB; 0. 743, 256. 877, 1+Lys+TG+gGT+ALB; 0. 743, 255. 382, 1+Gly+Arg+Phe+ALB; 0. 743, 255. 810, 1+BCAA+Arg+Lys+ALB; 0. 743, 257. 050, 1+BCAA+Lys+Glc+ALB; 0. 743, 253. 907, 1+Trp+AST+ALB+Ca; 0. 743, 256. 886, 1+Lys+Glc+TG+ALB; 0. 743, 253. 852, 1+Trp+Arg+TCHO+ALB; 0. 743, 257. 014, 1+Lys+Glc+gGT+ALB; 0. 743, 256. 887, 1+BCAA+Lys+TG+ALB; 0. 743, 257. 026, 1+BCAA+Lys+gGT+ALB; 0. 743, 255. 498, 1+Arg+TG+AST+ALB; 0. 743, 256. 280, 1+Lys+Glc+TCHO+ALB; 0. 742, 254. 379, 1+Ala+Gly+ALT+ALB; 0. 742, 255. 889, 1+Gly+Thr+ALB+BUN; 0. 742, 253. 641, 1+Gly+BCAA+ALT+ALB; 0. 742, 257. 084, 1+Ala+Gly+AST+ALB; 0. 742, 256. 240, 1+Lys+Thr+TCHO+ALB; 0. 742, 254. 560, 1+Thr+AST+ALB+BUN; 0. 742, 256. 888, 1+Gly+Thr+AST+ALB; 0. 742, 256. 771, 1+Lys+Thr+TG+ALB; 0. 742, 255. 497, 1+Arg+AST+gGT+ALB; 0. 742, 253. 347, 1+Thr+Glc+ALT+ALB; 0. 742, 255. 078, 1+Arg+TCHO+AST+ALB; 0. 742, 256. 312, 1+Lys+TCHO+gGT+ALB; 0. 742, 255. 119, 1+Ala+ALT+ALB+NEFA; 0. 742, 253. 687, 1+BCAA+ALT+ALB+NEFA; 0. 742, 255. 253, 1+BCAA+Arg+AST+ALB; 0. 742, 256. 318, 1+BCAA+Lys+TCHO+ALB; 0. 742, 253. 638, 1+BCAA+ALT+ALB+BHBA; 0. 741, 255. 922, 1+Arg+Lys+Glc+ALB; 0. 741, 255. 922, 1+Gly+BCAA+Trp+ALB; 0. 741, 255. 663, 1+Gly+Trp+Thr+ALB; 0. 741, 254. 454, 1+Trp+Arg+Thr+ALB; 0. 741, 253. 521, 1+Thr+ALT+gGT+ALB; 0. 741, 255. 642, 1+BCAA+Trp+Arg+ALB+TP; 0. 741, 255. 190, 1+Gly+Arg+Thr+ALB; 0. 741, 254. 313, 1+BCAA+Trp+Arg+ALB; 0. 741, 254. 452, 1+Trp+Arg+Glc+ALB; 0. 741, 253. 181, 1+Thr+TCHO+ALT+ALB; 0. 741, 253. 509, 1+Thr+TG+ALT+ALB; 0. 741, 253. 280, 1+BCAA+ALT+AST+ALB; 0. 741, 252. 831, 1+Thr+ALT+AST+ALB; 0. 741, 253. 203, 1+BCAA+TCHO+ALT+ALB; 0. 741, 253. 841, 1+BCAA+TG+ALT+ALB; 0. 741, 254. 460, 1+Trp+Arg+TG+ALB; 0. 741, 256. 378, 1+Thr+Glc+ALB+BUN; 0. 740, 256. 132, 1+Lys+TCHO+TG+ALB; 0. 740, 255. 874, 1+Arg+Lys+TG+ALB; 0. 740, 255. 850, 1+Arg+Lys+Thr+ALB; 0. 740, 253. 852, 1+BCAA+ALT+gGT+ALB; 0. 740, 256. 038, 1+Gly+Trp+TG+ALB; 0. 740, 253. 854, 1+BCAA+Glc+ALT

+ALB;0.740,256.088,1+BCAA+Thr+ALB+BUN;0.740,254.256,1+Gly+Arg+ALB+BUN;
;0.740,255.366,1+Trp+ALB+TP+NEFA;0.740,254.378,1+Trp+Arg+gGT+ALB;0.74
0,256.034,1+Gly+Trp+ALB+BHBA;0.740,255.813,1+Arg+Lys+gGT+ALB;0.740,25
3.544,1+BCAA+ALT+ALB+TP;0.740,255.122,1+Arg+Lys+TCHO+ALB;0.739,256.00
1,1+Gly+Trp+Glc+ALB;0.739,256.302,1+Thr+TG+ALB+BUN;0.739,256.038,1+Gl
y+Trp+gGT+ALB;0.739,255.762,1+Trp+Glc+ALB+TP;0.739,254.812,1+Arg+TCHO
+ALB+BUN;0.739,256.352,1+Thr+gGT+ALB+BUN;0.739,256.129,1+Gly+Arg+TG+A
LB;0.739,255.192,1+Trp+TCHO+ALB+TP;0.739,253.739,1+BCAA+ALT+ALB+Ca;0.
739,255.254,1+Arg+Glc+ALB+BUN;0.739,255.400,1+Arg+TG+ALB+BUN;0.739,25
7.881,1+Ala+Thr+AST+ALB;0.739,256.481,1+Trp+Thr+Glc+ALB;0.739,255.206
,1+Arg+gGT+ALB+BUN;0.738,256.026,1+Gly+Trp+ALB+NEFA;0.738,255.723,1+T
rp+ALB+TP+BHBA;0.738,256.176,1+Gly+Arg+Glc+ALB;0.738,255.719,1+Trp+TG
+ALB+TP;0.738,255.458,1+Ala+AST+ALB+BUN;0.738,255.657,1+Trp+gGT+ALB+T
P;0.738,255.168,1+Gly+Arg+TCHO+ALB;0.738,256.787,1+BCAA+AST+ALB+NEFA;
0.738,257.877,1+Gly+BCAA+AST+ALB;0.738,256.301,1+BCAA+Trp+ALB+NEFA;0.
737,256.137,1+Gly+BCAA+Arg+ALB;0.737,256.081,1+Thr+TCHO+ALB+BUN;0.737
,255.602,1+Ala+ALT+AST+ALB;0.737,256.037,1+Gly+Arg+gGT+ALB;0.737,256.
567,1+BCAA+Trp+Thr+ALB;0.737,255.965,1+Gly+Trp+ALB+Ca;0.737,255.443,1
+Gly+Trp+TCHO+ALB;0.737,259.470,1+Ala+Gly+ALB+NEFA;0.737,256.205,1+Al
a+TG+ALT+ALB;0.737,258.569,1+Ala+BCAA+ALB+NEFA;0.737,255.707,1+Trp+AL
B+TP+Ca;0.736,256.413,1+Trp+Glc+ALB+NEFA;0.736,257.855,1+Ala+BCAA+AST
+ALB;0.736,256.142,1+Ala+ALT+gGT+ALB;0.736,256.451,1+Trp+ALB+NEFA+BHB
A;0.736,256.480,1+Trp+TG+ALB+NEFA;0.736,257.211,1+Ala+Glc+ALB+BUN;0.7
36,256.647,1+BCAA+Trp+Glc+ALB;0.736,255.689,1+BCAA+AST+ALB+BUN;0.735,
256.063,1+Ala+ALT+ALB+BHBA;0.735,256.091,1+BCAA+Trp+TCHO+ALB;0.735,25
6.253,1+Ala+ALT+ALB+TP;0.735,256.654,1+BCAA+Trp+ALB+BHBA;0.735,256.66
9,1+BCAA+Trp+gGT+ALB;0.735,256.475,1+Trp+gGT+ALB+NEFA;0.735,255.768,1
+Ala+TCHO+ALT+ALB;0.735,256.609,1+BCAA+Trp+ALB+Ca;0.735,256.043,1+Ala

+ALT+ALB+Ca;0.735,256.589,1+Ala+ALB+BUN+BHBA;0.735,255.120,1+Gly+ALT+ALB+BUN;0.735,256.650,1+BCAA+Trp+TG+ALB;0.735,257.332,1+Ala+ALB+BUN+TP;0.734,257.103,1+Ala+ALB+BUN+Ca;0.734,260.336,1+Ala+Gly+Glc+ALB;0.734,258.269,1+BCAA+AST+ALB+TP;0.734,260.061,1+Ala+Gly+gGT+ALB;0.734,256.796,1+Trp+Glc+ALB+BHBA;0.734,256.610,1+Ala+TCHO+ALB+BUN;0.734,256.413,1+Trp+ALB+Ca+NEFA;0.734,258.421,1+BCAA+AST+ALB+BHBA;0.734,256.787,1+Trp+Glc+TG+ALB;0.734,256.279,1+Trp+Glc+TCHO+ALB;0.733,260.334,1+Ala+Gly+TG+ALB;0.733,256.554,1+BCAA+ALB+BUN+NEFA;0.733,255.846,1+Trp+TCHO+ALB+NEFA;0.733,256.232,1+Ala+Glc+ALT+ALB;0.733,260.155,1+Ala+Gly+ALB+BHBA;0.733,260.322,1+Ala+Gly+ALB+TP;0.733,256.815,1+Trp+TG+gGT+ALB;0.733,256.813,1+Trp+Glc+gGT+ALB;0.733,256.731,1+Trp+Glc+ALB+Ca;0.733,256.817,1+Trp+TG+ALB+BHBA;0.733,256.843,1+Trp+gGT+ALB+BHBA;0.733,257.207,1+Ala+TG+ALB+BUN;0.732,260.513,1+Gly+AST+ALB+NEFA;0.732,256.344,1+Trp+TCHO+gGT+ALB;0.732,256.337,1+Trp+TCHO+ALB+BHBA;0.732,260.410,1+Ala+TG+ALB+NEFA;0.732,256.992,1+BCAA+ALB+BUN+BHBA;0.732,256.300,1+Trp+TCHO+TG+ALB;0.732,258.924,1+Ala+TCHO+ALB+NEFA;0.732,260.354,1+Ala+ALB+NEFA+BHBA;0.732,260.237,1+Ala+Gly+ALB+Ca;0.732,256.746,1+Trp+TG+ALB+Ca;0.732,258.793,1+Ala+Gly+TCHO+ALB;0.732,257.013,1+Ala+gGT+ALB+BUN;0.732,257.323,1+Gly+BCAA+ALB+BUN;0.732,256.837,1+BCAA+ALB+BUN+TP;0.732,258.953,1+BCAA+Glc+AST+ALB;0.732,256.783,1+Trp+ALB+Ca+BHBA;0.731,260.416,1+Ala+ALB+TP+NEFA;0.731,260.428,1+Ala+Glc+ALB+NEFA;0.731,260.237,1+Ala+gGT+ALB+NEFA;0.731,257.541,1+BCAA+Glc+ALB+BUN;0.731,256.269,1+Trp+TCHO+ALB+Ca;0.731,258.851,1+BCAA+AST+ALB+Ca;0.731,256.776,1+Trp+gGT+ALB+Ca;0.731,258.872,1+BCAA+AST+gGT+ALB;0.730,257.530,1+BCAA+gGT+ALB+BUN;0.730,259.356,1+BCAA+ALB+TP+NEFA;0.730,257.546,1+BCAA+TG+ALB+BUN;0.730,258.380,1+BCAA+TCHO+AST+ALB;0.730,258.914,1+BCAA+TG+AST+ALB;0.729,260.388,1+Ala+BCAA+ALB+TP;0.729,257.330,1+BCAA+ALB+BUN+Ca;0.729,260.124,1+Gly+AST+ALB+BUN;0.7

29, 260.382, 1+Ala+ALB+Ca+NEFA;0.729, 257.772, 1+Gly+ALT+AST+ALB;0.729, 259.868, 1+BCAA+TG+ALB+NEFA;0.728, 263.294, 1+Gly+Glc+AST+ALB;0.728, 260.523, 1+Ala+BCAA+Glc+ALB;0.728, 260.162, 1+Ala+BCAA+ALB+BHBA;0.728, 259.856, 1+Gly+BCAA+ALB+NEFA;0.728, 256.893, 1+BCAA+TCHO+ALB+BUN;0.728, 260.414, 1+Ala+BCAA+TG+ALB;0.728, 262.841, 1+Gly+AST+ALB+BHBA;0.728, 259.890, 1+BCAA+Glc+ALB+NEFA;0.727, 260.105, 1+Gly+BCAA+ALB+TP;0.727, 259.876, 1+BCAA+gGT+ALB+NEFA;0.727, 257.868, 1+Gly+ALT+ALB+NEFA;0.727, 259.367, 1+Ala+BCAA+TCHO+ALB;0.727, 258.576, 1+BCAA+TCHO+ALB+NEFA;0.727, 259.889, 1+BCAA+ALB+NEFA+BHBA;0.727, 260.541, 1+Ala+AST+ALB+BHBA;0.727, 261.182, 1+Ala+AST+gGT+ALB;0.727, 260.424, 1+Ala+BCAA+ALB+Ca;0.726, 261.179, 1+Ala+Glc+AST+ALB;0.726, 260.987, 1+Ala+TG+AST+ALB;0.726, 261.199, 1+Ala+AST+ALB+TP;0.726, 258.200, 1+Gly+ALT+ALB+TP;0.725, 259.805, 1+BCAA+ALB+Ca+NEFA;0.725, 262.656, 1+Gly+AST+ALB+TP;0.725, 260.318, 1+Ala+BCAA+gGT+ALB;0.725, 260.719, 1+Gly+BCAA+Glc+ALB;0.725, 261.110, 1+BCAA+Glc+ALB+TP;0.724, 261.078, 1+Ala+AST+ALB+Ca;0.724, 263.232, 1+Gly+TG+AST+ALB;0.724, 262.863, 1+Gly+TCHO+AST+ALB;0.724, 258.208, 1+Gly+ALT+ALB+BHBA;0.724, 260.697, 1+Gly+BCAA+TG+ALB;0.724, 263.280, 1+Gly+AST+gGT+ALB;0.724, 258.417, 1+Gly+TG+ALT+ALB;0.723, 257.884, 1+Gly+TCHO+ALT+ALB;0.723, 260.681, 1+Gly+BCAA+gGT+ALB;0.723, 258.369, 1+Gly+Glc+ALT+ALB;0.723, 258.441, 1+Gly+ALT+gGT+ALB;0.723, 260.616, 1+Ala+TCHO+AST+ALB;0.722, 259.529, 1+Gly+BCAA+TCHO+ALB;0.720, 261.457, 1+BCAA+Glc+gGT+ALB;0.719, 260.450, 1+BCAA+Glc+TCHO+ALB;0.718, 261.422, 1+BCAA+Glc+TG+ALB;0.718, 260.350, 1+BCAA+TCHO+TG+ALB;0.718, 261.361, 1+BCAA+TG+gGT+ALB;0.718, 260.444, 1+BCAA+TCHO+gGT+ALB;0.717, 262.182, 1+Gly+Glc+ALB+BUN;0.716, 263.511, 1+Ala+Glc+gGT+ALB;0.716, 263.282, 1+Ala+TG+gGT+ALB;0.714, 262.508, 1+Ala+TCHO+gGT+ALB;0.714, 262.250, 1+Gly+gGT+ALB+BUN;0.713, 261.654, 1+Gly+TCHO+ALB+BUN;0.712, 263.670, 1+Ala+Glc+TG+ALB;0.711, 262.808, 1+Ala+Glc+TCHO+ALB;0.711, 262.453, 1+Ala+TCHO+TG+ALB;0.711, 262.155, 1+Gly+TG+ALB+BUN;0.704, 266.192, 1+Gly+Glc+gGT+ALB;0.703, 266.013, 1

+Gly+TG+gGT+ALB;0.703,266.043,1+Gly+Glc+TG+ALB;0.701,265.213,1+Gly+TCH0+gGT+ALB;0.701,265.238,1+Gly+Glc+TCH0+ALB

[0137] [34. アミノ酸+生化学5変数の式]

0.793,244.793,1+ALB+BUN+Asn+Lys+Ile;0.791,242.674,1+ALB+BUN+ALT+Asn+Ile;0.788,243.255,1+ALB+ALT+Asn+Arg+Ile;0.788,246.467,1+ALB+BUN+Asn+Tyr+Trp;0.788,245.925,1+ALB+BUN+Asn+Orn+Ile;0.788,244.645,1+ALB+ALT+Asn+Orn+Ile;0.788,244.026,1+ALB+BUN+ALT+Asn+Tyr;0.788,243.397,1+ALB+BUN+ALT+Asn+Trp;0.787,243.528,1+ALB+BUN+ALT+Asn+Thr;0.787,243.564,1+ALB+BUN+ALT+Glc+Asn;0.786,242.822,1+ALB+BUN+ALT+His+Asn;0.786,245.522,1+ALB+BUN+Asn+Arg+Ile;0.786,248.696,1+ALB+NEFA+Asn+Lys+Ile;0.786,243.593,1+ALB+BUN+ALT+Asn+Arg;0.785,245.463,1+ALB+ALT+Glc+Asn+Ile;0.785,240.471,1+ALB+BUN+ALT+Asn+Asp;0.785,244.078,1+ALB+BUN+ALT+Asn+3MeHis;0.785,244.097,1+ALB+BUN+ALT+Asn+Val;0.785,248.892,1+ALB+His+Asn+Lys+Ile;0.785,246.776,1+ALB+AST+Asn+Orn+Ile;0.785,243.275,1+ALB+BUN+ALT+Asn+Phe;0.785,244.135,1+ALB+BUN+ALT+gGT+Asn;0.785,246.979,1+ALB+His+Asn+Orn+Ile;0.785,244.111,1+ALB+BUN+ALT+T-BIL+Asn;0.785,244.136,1+ALB+BUN+ALT+NEFA+Asn;0.785,243.984,1+ALB+BUN+ALT+Asn+Orn;0.785,244.135,1+ALB+ALT+Asn+Lys+Ile;0.784,243.561,1+ALB+BUN+ALT+Asn+Lys;0.784,244.100,1+ALB+BUN+ALT+BHBA+Asn;0.784,245.878,1+ALB+ALT+Asn+Arg+Tyr;0.784,249.968,1+ALB+Asn+Arg+Tyr+Trp;0.784,244.829,1+ALB+ALT+His+Asn+Orn;0.784,245.578,1+ALB+BUN+His+Asn+Lys;0.783,248.076,1+ALB+AST+Asn+Lys+Ile;0.783,247.206,1+ALB+BUN+NEFA+Asn+Ile;0.783,249.226,1+ALB+Asn+Thr+Lys+Ile;0.783,248.902,1+ALB+NEFA+Asn+Arg+Ile;0.783,247.312,1+ALB+ALT+Asn+Tyr+Phe;0.783,246.349,1+ALB+BUN+Glc+Asn+Ile;0.783,244.029,1+ALB+BUN+Ca+ALT+Asn;0.783,245.421,1+ALB+BUN+His+Asn+Orn;0.783,249.203,1+ALB+BHBA+Asn+Orn+Ile;0.782,247.085,1+ALB+ALT+Asn+Tyr+Trp;0.782,247.850,1+ALB+His+Asn+Arg+Ile;0.782,248.316,1+ALB+Asn+Arg+Lys+Ile;0.782,248.610,1+ALB+Asn+Arg+Orn+Ile;0.782,249.416,1+ALB+NEFA+Asn+Orn+Ile;0.782,247.414,1+ALB+Gl

c+Asn+Orn+Ile;0.782,245.861,1+ALB+ALT+Glc+His+Asn;0.782,244.434,1+ALB+BUN+Asn+Asp+Tyr;0.782,246.914,1+ALB+BUN+Asn+Val+Trp;0.782,244.383,1+ALB+ALT+His+Asn+Arg;0.782,248.706,1+ALB+Asn+Orn+Lys+Ile;0.782,243.821,1+ALB+BUN+AST+ALT+Asn;0.782,246.108,1+ALB+BUN+Glc+His+Asn;0.782,247.618,1+ALB+BUN+T-BIL+Asn+Ile;0.782,246.088,1+ALB+BUN+AST+Asn+Ile;0.781,247.672,1+ALB+BUN+Asn+Thr+Ile;0.781,248.087,1+ALB+Glc+Asn+Lys+Ile;0.781,247.123,1+ALB+ALT+NEFA+Asn+Ile;0.781,247.311,1+ALB+BUN+Asn+Lys+Trp;0.781,251.249,1+ALB+Asn+Lys+Tyr+Trp;0.781,249.061,1+ALB+Asn+Thr+Orn+Ile;0.781,247.905,1+ALB+Glc+Asn+Arg+Ile;0.781,246.271,1+ALB+ALT+Asn+Thr+Orn;0.781,250.755,1+ALB+Asn+Orn+Tyr+Trp;0.781,246.998,1+ALB+ALT+Asn+Thr+Ile;0.781,247.781,1+ALB+BUN+Asn+Lys+Tyr;0.781,244.690,1+ALB+BUN+Asn+Asp+Trp;0.780,247.104,1+ALB+ALT+BHBA+Asn+Ile;0.780,247.775,1+ALB+BUN+gGT+Asn+Ile;0.780,247.545,1+ALB+Glc+His+Asn+Orn;0.780,250.028,1+ALB+T-BIL+Asn+Lys+Ile;0.780,245.774,1+ALB+BUN+His+Asn+Arg;0.780,246.608,1+ALB+ALT+His+Asn+Ile;0.780,249.418,1+ALB+NEFA+Glc+His+Asn;0.780,250.115,1+ALB+BHBA+Asn+Lys+Ile;0.780,248.221,1+ALB+NEFA+His+Asn+Orn;0.780,246.850,1+ALB+ALT+Glc+Asn+Thr;0.780,247.153,1+ALB+ALT+Asn+Orn+Tyr;0.780,246.544,1+ALB+BUN+NEFA+His+Asn;0.780,247.370,1+ALB+BUN+NEFA+Asn+Trp;0.780,246.891,1+ALB+AST+Asn+Arg+Ile;0.780,249.628,1+ALB+Ca+Asn+Orn+Ile;0.780,247.432,1+ALB+BUN+Asn+Orn+Trp;0.780,246.884,1+ALB+BUN+His+Asn+Ile;0.780,247.860,1+ALB+BUN+BHBA+Asn+Ile;0.780,247.111,1+ALB+BUN+Asn+3MeHis+Trp;0.780,247.082,1+ALB+ALT+T-BIL+Asn+Ile;0.780,249.779,1+ALB+T-BIL+Asn+Orn+Ile;0.780,250.007,1+ALB+His+Asn+Thr+Lys;0.779,247.995,1+ALB+BUN+Asn+Tyr+Phe;0.779,250.174,1+ALB+gGT+Asn+Lys+Ile;0.779,251.443,1+ALB+NEFA+Asn+Tyr+Trp;0.779,246.539,1+ALB+AST+ALT+Asn+Ile;0.779,247.590,1+ALB+BUN+Ca+Asn+Ile;0.779,247.813,1+ALB+BUN+Asn+Arg+Tyr;0.779,248.254,1+ALB+His+Asn+Thr+Orn;0.779,243.753,1+ALB+BUN+Asn+3MeHis+Asp;0.779,246.169,1+ALB+ALT+Asn+Thr+Lys;0.779,247.424,1+ALB+BUN+A

sn+Phe+Trp;0.779, 246.770, 1+ALB+BUN+Asn+Thr+Lys;0.779, 247.872, 1+ALB+BU
N+NEFA+Asn+Thr;0.779, 246.985, 1+ALB+ALT+NEFA+His+Asn;0.779, 249.937, 1+A
LB+NEFA+Glc+Asn+Ile;0.779, 247.817, 1+ALB+BUN+NEFA+Asn+Lys;0.779, 249.74
5, 1+ALB+gGT+Asn+Orn+Ile;0.778, 251.713, 1+ALB+Asn+Tyr+Phe+Trp;0.778, 247
.192, 1+ALB+ALT+gGT+Asn+Ile;0.778, 247.381, 1+ALB+BUN+Asn+Arg+Trp;0.778,
249.303, 1+ALB+BHBA+Asn+Arg+Ile;0.778, 248.252, 1+ALB+BUN+Asn+Orn+Tyr;0.
778, 247.424, 1+ALB+ALT+Asn+Val+Trp;0.778, 249.930, 1+ALB+Ca+Asn+Lys+Ile;
0.778, 244.034, 1+ALB+ALT+Asn+3MeHis+Asp;0.778, 247.816, 1+ALB+Asn+Asp+Ty
r+Trp;0.778, 249.035, 1+ALB+AST+Asn+Tyr+Trp;0.778, 251.890, 1+ALB+NEFA+BH
BA+Asn+Ile;0.778, 247.663, 1+ALB+ALT+NEFA+Asn+Thr;0.778, 247.741, 1+ALB+A
LT+BHBA+Asn+Thr;0.778, 244.216, 1+ALB+ALT+Asn+Asp+Tyr;0.778, 247.069, 1+A
LB+Ca+ALT+Asn+Ile;0.778, 245.959, 1+ALB+ALT+Asn+Arg+Thr;0.778, 247.364, 1
+ALB+ALT+Asn+Orn+Val;0.778, 246.867, 1+ALB+BUN+T-BIL+His+Asn;0.778, 247.
316, 1+ALB+ALT+NEFA+Glc+Asn;0.778, 249.779, 1+ALB+T-BIL+Asn+Arg+Ile;0.77
8, 252.443, 1+ALB+NEFA+Asn+Tyr+Phe;0.778, 248.036, 1+ALB+BUN+Asn+Lys+Val;
0.778, 246.754, 1+ALB+ALT+Glc+Asn+Orn;0.778, 247.334, 1+ALB+ALT+Asn+3MeHi
s+Trp;0.778, 247.319, 1+ALB+AST+His+Asn+Orn;0.778, 246.960, 1+ALB+ALT+His
+Asn+Thr;0.778, 249.183, 1+ALB+NEFA+His+Asn+Lys;0.778, 248.365, 1+ALB+BUN
+NEFA+Asn+Tyr;0.778, 245.754, 1+ALB+BUN+AST+Asn+Trp;0.777, 247.686, 1+ALB
+ALT+T-BIL+Asn+Thr;0.777, 251.795, 1+ALB+Asn+Tyr+Val+Trp;0.777, 245.307,
1+ALB+BUN+NEFA+Asn+Asp;0.777, 247.732, 1+ALB+ALT+gGT+Asn+Thr;0.777, 247.
216, 1+ALB+ALT+Asn+Lys+Tyr;0.777, 245.568, 1+ALB+ALT+His+Asn+Lys;0.777, 2
47.595, 1+ALB+BUN+Asn+3MeHis+Lys;0.777, 247.482, 1+ALB+ALT+NEFA+Asn+Trp;
0.777, 248.147, 1+ALB+BUN+T-BIL+Asn+Thr;0.777, 248.494, 1+ALB+BUN+Asn+Orn
+Val;0.777, 247.462, 1+ALB+BUN+Asn+Thr+Orn;0.777, 251.568, 1+ALB+NEFA+Asn
+Lys+Tyr;0.777, 250.743, 1+ALB+NEFA+Asn+Arg+Tyr;0.777, 247.664, 1+ALB+BUN
+Asn+Arg+Thr;0.777, 248.944, 1+ALB+gGT+His+Asn+Orn;0.777, 247.827, 1+ALB+
BUN+NEFA+Glc+Asn;0.777, 246.391, 1+ALB+ALT+Glc+Asn+Arg;0.777, 248.142, 1+

ALB+BUN+NEFA+Asn+Phe;0.777,245.481,1+ALB+BUN+Asn+Asp+Lys;0.777,247.415,1+ALB+ALT+Asn+3MeHis+Phe;0.777,247.551,1+ALB+ALT+NEFA+T-BIL+Asn;0.777,247.175,1+ALB+BUN+His+Asn+Thr;0.777,246.060,1+ALB+BUN+AST+His+Asn;0.777,249.538,1+ALB+gGT+Asn+Arg+Ile;0.777,244.700,1+ALB+ALT+Asn+Asp+Trp;0.777,247.109,1+ALB+AST+ALT+Asn+Thr;0.777,247.146,1+ALB+ALT+gGT+His+Asn;0.777,247.843,1+ALB+BUN+Glc+Asn+Lys;0.777,249.468,1+ALB+Glc+His+Asn+Lys;0.776,247.147,1+ALB+ALT+BHBA+His+Asn;0.776,248.899,1+ALB+T-BIL+His+Asn+Orn;0.776,248.894,1+ALB+His+Asn+Orn+Lys;0.776,247.321,1+ALB+BUN+AST+Asn+Tyr;0.776,247.665,1+ALB+BUN+Glc+Asn+Thr;0.776,248.499,1+ALB+BUN+Asn+3MeHis+Tyr;0.776,249.009,1+ALB+BHBA+His+Asn+Orn;0.776,250.580,1+ALB+NEFA+Asn+Thr+Lys;0.776,247.144,1+ALB+ALT+T-BIL+His+Asn;0.776,249.515,1+ALB+Asn+Arg+Thr+Ile;0.776,246.612,1+ALB+AST+ALT+Asn+Trp;0.776,247.306,1+ALB+ALT+Asn+3MeHis+Orn;0.776,248.054,1+ALB+ALT+Asn+3MeHis+Tyr;0.776,248.563,1+ALB+BUN+NEFA+T-BIL+Asn;0.776,247.146,1+ALB+ALT+Asn+Orn+Trp;0.776,244.910,1+ALB+ALT+Asn+Arg+Asp;0.776,251.143,1+ALB+NEFA+His+Asn+Ile;0.776,246.671,1+ALB+BUN+AST+Asn+Thr;0.776,247.995,1+ALB+BUN+Asn+3MeHis+Phe;0.776,248.234,1+ALB+ALT+NEFA+Asn+Tyr;0.776,246.500,1+ALB+ALT+Asn+3MeHis+Arg;0.776,248.359,1+ALB+BUN+NEFA+Asn+3MeHis;0.776,247.301,1+ALB+ALT+Asn+Phe+Trp;0.776,246.909,1+ALB+BUN+AST+Asn+3MeHis;0.776,247.668,1+ALB+Ca+ALT+Asn+Thr;0.776,248.130,1+ALB+BUN+T-BIL+Asn+Lys;0.776,246.664,1+ALB+ALT+Asn+Arg+Trp;0.776,248.671,1+ALB+BUN+Asn+Val+Phe;0.776,248.335,1+ALB+BUN+NEFA+Asn+Orn;0.776,248.561,1+ALB+BUN+Asn+3MeHis+Val;0.776,247.397,1+ALB+ALT+T-BIL+Glc+Asn;0.776,248.055,1+ALB+BUN+T-BIL+Glc+Asn;0.776,251.238,1+ALB+Asn+3MeHis+Tyr+Trp;0.776,248.620,1+ALB+BUN+NEFA+BHBA+Asn;0.776,247.137,1+ALB+BUN+Ca+His+Asn;0.776,247.386,1+ALB+ALT+gGT+Glc+Asn;0.776,248.160,1+ALB+BUN+NEFA+Asn+Arg;0.776,251.376,1+ALB+NEFA+T-BIL+Asn+Ile;0.776,247.332,1+ALB+ALT+BHBA+Glc+Asn;0.776,251.696,1+ALB+NEFA+Asn+Orn+Tyr;0.776,249.264,1+

ALB+AST+NEFA+Asn+Ile;0.775, 252.118, 1+ALB+NEFA+Asn+Thr+Ile;0.775, 246.884, 1+ALB+ALT+Asn+Arg+Val;0.775, 247.748, 1+ALB+ALT+NEFA+Asn+Phe;0.775, 248.128, 1+ALB+BUN+Asn+3MeHis+Orn;0.775, 248.569, 1+ALB+NEFA+His+Asn+Arg;0.775, 245.758, 1+ALB+BUN+Asn+Asp+Phe;0.775, 247.171, 1+ALB+ALT+Asn+Lys+Trp;0.775, 246.939, 1+ALB+BUN+AST+Asn+Lys;0.775, 248.591, 1+ALB+BUN+NEFA+Asn+Val;0.775, 248.857, 1+ALB+Ca+His+Asn+Orn;0.775, 252.228, 1+ALB+Asn+Orn+Tyr+Phe;0.775, 247.502, 1+ALB+ALT+BHBA+Asn+Orn;0.775, 248.253, 1+ALB+ALT+NEFA+BHBA+Asn;0.775, 246.715, 1+ALB+BUN+AST+Glc+Asn;0.775, 251.772, 1+ALB+Asn+Arg+Lys+Tyr;0.775, 246.970, 1+ALB+ALT+NEFA+Asn+Arg;0.775, 247.243, 1+ALB+BUN+gGT+His+Asn;0.775, 248.483, 1+ALB+His+Asn+Arg+Orn;0.775, 246.931, 1+ALB+ALT+BHBA+Asn+Arg;0.775, 250.450, 1+ALB+T-BIL+His+Asn+Lys;0.775, 248.283, 1+ALB+BUN+BHBA+Asn+Lys;0.775, 247.784, 1+ALB+BUN+Asn+3MeHis+Arg;0.775, 249.678, 1+ALB+Ca+Asn+Arg+Ile;0.775, 248.348, 1+ALB+BUN+gGT+Asn+Lys;0.775, 251.382, 1+ALB+NEFA+BHBA+His+Asn;0.775, 247.549, 1+ALB+ALT+gGT+Asn+Orn;0.775, 248.568, 1+ALB+BUN+gGT+NEFA+Asn;0.775, 247.683, 1+Ala+Trp+ALT+ALB+BUN;0.775, 248.179, 1+ALB+ALT+Asn+Tyr+Val;0.775, 248.332, 1+ALB+BUN+gGT+Asn+Thr;0.775, 244.881, 1+ALB+ALT+Asn+Asp+Lys;0.775, 246.944, 1+ALB+ALT+Asn+Arg+Orn;0.775, 245.753, 1+ALB+BUN+Asn+Arg+Asp;0.775, 247.390, 1+ALB+Ca+ALT+Glc+Asn;0.775, 248.405, 1+ALB+BUN+Ca+NEFA+Asn;0.775, 253.156, 1+ALB+Asn+Lys+Tyr+Phe;0.775, 247.550, 1+ALB+ALT+NEFA+Asn+Orn;0.775, 248.077, 1+ALB+BUN+Glc+Asn+Orn;0.775, 248.369, 1+ALB+BUN+Asn+Orn+Lys;0.775, 248.082, 1+ALB+ALT+NEFA+Asn+3MeHis;0.775, 246.737, 1+ALB+AST+ALT+His+Asn;0.775, 246.867, 1+ALB+ALT+Glc+Asn+Lys;0.775, 246.961, 1+ALB+ALT+gGT+Asn+Arg;0.775, 245.649, 1+ALB+BUN+Asn+Asp+Val;0.774, 248.073, 1+ALB+ALT+Asn+3MeHis+Val;0.774, 248.354, 1+ALB+BUN+Asn+Lys+Phe;0.774, 247.327, 1+ALB+ALT+T-BIL+Asn+Orn;0.774, 246.774, 1+ALB+ALT+T-BIL+Asn+Arg;0.774, 247.107, 1+ALB+BUN+BHBA+His+Asn;0.774, 245.035, 1+ALB+ALT+Asn+Asp+Orn;0.774, 246.279, 1+ALB+AST+ALT+Asn+Arg;0.774, 246.734, 1+ALB+BUN+AST+NEFA+Asn;0.774, 2

47. 046, 1+ALB+Ca+ALT+His+Asn;0.774, 247.141, 1+ALB+ALT+Asn+3MeHis+Lys;0.774, 249.610, 1+ALB+His+Asn+Arg+Lys;0.774, 245.764, 1+ALB+BUN+Asn+Asp+Orn;0.774, 248.265, 1+ALB+BUN+Ca+Asn+Thr;0.774, 245.119, 1+ALB+ALT+NEFA+Asn+Asp;0.774, 248.591, 1+ALB+BUN+T-BIL+Asn+Orn;0.774, 247.311, 1+ALB+ALT+Asn+Orn+Phe;0.774, 248.101, 1+ALB+BUN+Glc+Asn+Arg;0.774, 248.913, 1+ALB+BUN+T-BIL+BHBA+Asn;0.774, 247.824, 1+ALB+ALT+Asn+Val+Phe;0.774, 247.495, 1+ALB+AST+ALT+NEFA+Asn;0.774, 248.192, 1+ALB+BUN+gGT+Glc+Asn;0.774, 248.275, 1+ALB+BUN+BHBA+Asn+Thr;0.774, 248.487, 1+ALB+BUN+T-BIL+Asn+Arg;0.774, 249.458, 1+ALB+AST+His+Asn+Lys;0.774, 248.963, 1+ALB+BUN+Asn+Tyr+Val;0.774, 247.476, 1+ALB+ALT+Asn+Lys+Phe;0.774, 250.204, 1+ALB+Glc+His+Asn+Ile;0.774, 250.372, 1+ALB+T-BIL+Glc+His+Asn;0.774, 247.376, 1+ALB+ALT+Asn+Orn+Lys;0.774, 250.251, 1+ALB+Asn+3MeHis+Arg+Tyr;0.774, 251.247, 1+ALB+NEFA+His+Asn+Thr;0.774, 246.930, 1+ALB+ALT+Asn+Arg+Phe;0.774, 248.565, 1+ALB+BUN+Asn+Arg+Val;0.774, 247.021, 1+ALB+BUN+AST+Asn+Orn;0.774, 246.903, 1+ALB+ALT+Asn+Arg+Lys;0.774, 251.597, 1+ALB+Asn+Orn+Val+Trp;0.774, 244.469, 1+ALB+AST+ALT+Asn+Asp;0.774, 249.487, 1+ALB+Asn+Asp+Orn+Tyr;0.774, 248.955, 1+ALB+AST+Glc+Asn+Ile;0.774, 249.659, 1+ALB+AST+Asn+Thr+Lys;0.774, 248.288, 1+ALB+BUN+Ca+Glc+Asn;0.774, 245.089, 1+ALB+ALT+Asn+Asp+Phe;0.774, 248.277, 1+ALB+ALT+NEFA+Asn+Val;0.774, 249.208, 1+ALB+NEFA+Asn+Asp+Tyr;0.773, 247.322, 1+ALB+AST+ALT+Asn+Phe;0.773, 250.872, 1+ALB+NEFA+Asn+Thr+Orn;0.773, 252.372, 1+ALB+gGT+NEFA+Asn+Ile;0.773, 247.421, 1+Ala+Phe+ALT+ALB+BUN;0.773, 244.073, 1+ALB+BUN+AST+Asn+Asp;0.773, 246.945, 1+ALB+Ca+ALT+Asn+Arg;0.773, 252.620, 1+ALB+NEFA+BHBA+Asn+Thr;0.773, 247.500, 1+ALB+ALT+NEFA+Asn+Lys;0.773, 248.295, 1+ALB+ALT+gGT+NEFA+Asn;0.773, 248.650, 1+ALB+BUN+gGT+Asn+Orn;0.773, 251.617, 1+ALB+Asn+3MeHis+Lys+Tyr;0.773, 247.569, 1+ALB+ALT+gGT+Asn+Lys;0.773, 248.324, 1+ALB+BUN+Asn+Arg+Lys;0.773, 247.503, 1+ALB+ALT+T-BIL+Asn+Lys;0.773, 248.681, 1+ALB+BUN+BHBA+Asn+Orn;0.773, 248.577, 1+ALB+BUN+Asn+Arg+Orn

n;0.773,251.459,1+ALB+Asn+3MeHis+Orn+Tyr;0.773,247.484,1+ALB+Ca+ALT+Asn+Orn;0.773,251.582,1+ALB+Asn+3MeHis+Orn+Val;0.773,246.817,1+ALB+AST+ALT+Glc+Asn;0.773,245.135,1+ALB+ALT+Asn+Asp+Val;0.773,248.744,1+ALB+Glc+His+Asn+Arg;0.773,247.385,1+ALB+Asn+3MeHis+Asp+Tyr;0.773,247.569,1+ALB+ALT+BHBA+Asn+Lys;0.773,248.829,1+ALB+BUN+gGT+T-BIL+Asn;0.773,247.431,1+ALB+BUN+AST+gGT+Asn;0.773,253.147,1+ALB+Asn+Lys+Tyr+Val;0.773,250.959,1+ALB+NEFA+T-BIL+His+Asn;0.773,251.547,1+ALB+Asn+Arg+Orn+Tyr;0.773,247.425,1+ALB+ALT+Asn+Lys+Val;0.773,248.203,1+ALB+Ca+ALT+NEFA+Asn;0.773,248.260,1+ALB+Ca+ALT+BHBA+Asn;0.773,248.606,1+ALB+BUN+BHBA+Asn+Arg;0.773,249.371,1+ALB+AST+NEFA+Asn+Trp;0.773,251.538,1+ALB+T-BIL+Asn+Thr+Lys;0.773,247.657,1+ALB+AST+ALT+Asn+Tyr;0.773,250.926,1+ALB+gGT+His+Asn+Lys;0.773,246.902,1+Trp+Phe+ALT+ALB+BUN;0.773,251.872,1+ALB+Asn+Arg+Tyr+Val;0.773,248.335,1+ALB+ALT+gGT+BHBA+Asn;0.773,248.557,1+ALB+BUN+Asn+Orn+Phe;0.773,247.474,1+ALB+BUN+AST+Asn+Val;0.773,248.724,1+ALB+AST+Asn+Thr+Orn;0.773,248.217,1+ALB+BUN+Ca+Asn+Lys;0.773,250.873,1+ALB+BHBA+His+Asn+Lys;0.773,246.969,1+ALB+AST+ALT+Asn+Lys;0.773,247.075,1+ALB+BUN+AST+T-BIL+Asn;0.773,247.002,1+ALB+BUN+AST+Asn+Arg;0.773,248.717,1+ALB+BUN+Ca+T-BIL+Asn;0.773,251.656,1+ALB+Asn+3MeHis+Lys+Val;0.773,252.067,1+ALB+NEFA+T-BIL+Asn+Thr;0.773,247.238,1+ALB+BUN+AST+Asn+Phe;0.772,250.747,1+ALB+Ca+His+Asn+Lys;0.772,248.566,1+ALB+BUN+Ca+Asn+Orn;0.772,251.379,1+ALB+NEFA+Glc+Asn+Thr;0.772,248.576,1+ALB+BUN+Asn+Arg+Phe;0.772,249.752,1+ALB+T-BIL+His+Asn+Arg;0.772,247.378,1+ALB+AST+ALT+Asn+3MeHis;0.772,249.465,1+ALB+AST+Asn+Arg+Tyr;0.772,252.237,1+ALB+Asn+Orn+Lys+Tyr;0.772,252.292,1+ALB+NEFA+Asn+Lys+Val;0.772,246.741,1+ALB+AST+ALT+Asn+Orn;0.772,249.725,1+ALB+AST+NEFA+Asn+Thr;0.772,249.745,1+ALB+AST+Asn+Orn+Tyr;0.772,248.034,1+ALB+BUN+BHBA+Glc+Asn;0.772,251.418,1+ALB+gGT+NEFA+His+Asn;0.772,251.995,1+ALB+Asn+Arg+Tyr+Phe;0.772,251.022,1+ALB+Glc+Asn+Thr+Lys;0.772,249.136,1+ALB+AS

T+NEFA+His+Asn;0.772, 249.262, 1+ALB+AST+Glc+His+Asn;0.772, 248.168, 1+ALB+Ca+ALT+T-BIL+Asn;0.772, 251.197, 1+ALB+Ca+NEFA+His+Asn;0.772, 252.344, 1+ALB+NEFA+Asn+Orn+Val;0.772, 249.467, 1+ALB+Asn+Arg+Asp+Tyr;0.772, 247.298, 1+ALB+BUN+AST+BHBA+Asn;0.772, 251.022, 1+ALB+T-BIL+Glc+Asn+Ile;0.772, 248.249, 1+ALB+AST+His+Asn+Arg;0.772, 250.541, 1+ALB+AST+T-BIL+Asn+Ile;0.772, 248.834, 1+ALB+BUN+Ca+gGT+Asn;0.772, 248.249, 1+ALB+Ca+ALT+gGT+Asn;0.772, 247.662, 1+ALB+AST+ALT+gGT+Asn;0.772, 248.539, 1+ALB+BUN+gGT+Asn+Arg;0.771, 250.851, 1+ALB+Glc+His+Asn+Thr;0.771, 252.452, 1+ALB+Asn+Orn+Tyr+Val;0.771, 252.150, 1+ALB+Ca+NEFA+Asn+Ile;0.771, 252.667, 1+ALB+gGT+NEFA+Asn+Thr;0.771, 247.693, 1+ALB+AST+ALT+BHBA+Asn;0.771, 248.127, 1+BCAA+Phe+ALT+ALB+BUN;0.771, 249.782, 1+ALB+AST+Asn+Val+Trp;0.771, 250.511, 1+ALB+Glc+Asn+Thr+Orn;0.771, 249.625, 1+ALB+His+Asn+Arg+Thr;0.771, 247.690, 1+ALB+AST+ALT+T-BIL+Asn;0.771, 249.996, 1+ALB+BHBA+His+Asn+Arg;0.771, 247.479, 1+ALB+BUN+ALT+3MeHis+Phe;0.771, 248.527, 1+ALB+BUN+Ca+Asn+Arg;0.771, 251.227, 1+ALB+Glc+Asn+Thr+Ile;0.771, 248.246, 1+ALB+ALT+gGT+T-BIL+Asn;0.771, 248.804, 1+ALB+BUN+Ca+BHBA+Asn;0.771, 248.045, 1+ALB+Asn+3MeHis+Asp+Lys;0.771, 250.569, 1+ALB+AST+Asn+Thr+Ile;0.771, 253.115, 1+ALB+T-BIL+Asn+Thr+Ile;0.771, 251.360, 1+ALB+Asn+3MeHis+Lys+Trp;0.771, 250.595, 1+Ala+Gly+Trp+ALB+BUN;0.771, 249.415, 1+ALB+AST+Asn+Orn+Trp;0.771, 250.945, 1+ALB+Asn+Thr+Orn+Lys;0.771, 252.485, 1+ALB+His+Asn+Thr+Ile;0.771, 252.773, 1+ALB+Asn+3MeHis+Tyr+Phe;0.771, 251.695, 1+ALB+NEFA+T-BIL+Asn+Orn;0.771, 247.269, 1+ALB+BUN+Ca+AST+Asn;0.771, 247.485, 1+ALB+Ca+ALT+Asn+Lys;0.771, 252.129, 1+ALB+Asn+Lys+Val+Trp;0.771, 248.963, 1+ALB+BUN+gGT+BHBA+Asn;0.771, 251.681, 1+ALB+Asn+3MeHis+Val+Trp;0.771, 251.276, 1+ALB+Asn+3MeHis+Orn+Trp;0.771, 251.028, 1+Ala+Trp+Phe+ALB+BUN;0.771, 251.816, 1+ALB+NEFA+T-BIL+Glc+Asn;0.771, 252.276, 1+ALB+NEFA+Asn+Val+Trp;0.770, 248.227, 1+ALB+ALT+T-BIL+BHBA+Asn;0.770, 249.886, 1+ALB+AST+Asn+Lys+Trp;0.770, 251.138, 1+ALB+NEFA+Asn+Arg+Thr;0.770, 248.086, 1+Gly+Phe+ALT+ALB+BUN;0.7

70, 249.809, 1+ALB+AST+NEFA+Asn+Lys; 0.770, 251.352, 1+ALB+BHBA+Asn+Thr+Orn; 0.770, 252.613, 1+ALB+BHBA+His+Asn+Ile; 0.770, 251.792, 1+ALB+NEFA+Asn+3MeHis+Trp; 0.770, 250.410, 1+ALB+AST+His+Asn+Ile; 0.770, 247.566, 1+Trp+Lys+ALT+ALB+BUN; 0.770, 251.088, 1+ALB+gGT+Glc+Asn+Ile; 0.770, 248.244, 1+Phe+Tyr+ALT+ALB+BUN; 0.770, 248.219, 1+Phe+ALT+gGT+ALB+BUN; 0.770, 251.686, 1+ALB+NEFA+Asn+3MeHis+Lys; 0.770, 253.256, 1+ALB+T-BIL+BHBA+Asn+Ile; 0.770, 252.046, 1+ALB+Asn+3MeHis+Lys+Phe; 0.770, 252.885, 1+ALB+NEFA+Asn+3MeHis+Tyr; 0.770, 247.663, 1+ALB+AST+ALT+Asn+Val; 0.770, 250.869, 1+ALB+AST+gGT+Asn+Ile; 0.770, 253.257, 1+ALB+BHBA+Asn+Thr+Ile; 0.770, 252.263, 1+ALB+Asn+Lys+Phe+Trp; 0.770, 252.392, 1+ALB+NEFA+BHBA+Asn+Lys; 0.770, 252.558, 1+ALB+NEFA+Asn+Lys+Phe; 0.770, 251.827, 1+ALB+Asn+3MeHis+Phe+Trp; 0.770, 250.751, 1+ALB+gGT+Glc+His+Asn; 0.770, 251.541, 1+ALB+NEFA+Glc+Asn+Lys; 0.770, 252.574, 1+ALB+T-BIL+BHBA+His+Asn; 0.770, 249.781, 1+ALB+gGT+His+Asn+Arg; 0.770, 251.898, 1+ALB+Asn+Arg+Val+Trp; 0.770, 247.078, 1+ALB+BUN+ALT+Lys+Phe; 0.770, 249.483, 1+ALB+AST+Asn+Arg+Trp; 0.770, 251.346, 1+ALB+T-BIL+Asn+Thr+Orn; 0.770, 252.320, 1+ALB+T-BIL+His+Asn+Ile; 0.770, 251.467, 1+ALB+NEFA+Glc+Asn+Arg; 0.770, 248.076, 1+ALB+Asn+3MeHis+Asp+Trp; 0.770, 250.893, 1+ALB+AST+BHBA+Asn+Ile; 0.770, 250.904, 1+ALB+AST+Asn+Lys+Tyr; 0.770, 247.657, 1+ALB+BUN+ALT+Orn+Phe; 0.770, 248.547, 1+ALB+Asn+3MeHis+Asp+Val; 0.769, 252.329, 1+ALB+T-BIL+His+Asn+Thr; 0.769, 251.738, 1+ALB+BHBA+Asn+Thr+Lys; 0.769, 249.865, 1+ALB+AST+Asn+3MeHis+Lys; 0.769, 250.197, 1+ALB+AST+Asn+Orn+Val; 0.769, 251.845, 1+ALB+NEFA+Asn+3MeHis+Orn; 0.769, 250.487, 1+ALB+Asn+Asp+Tyr+Phe; 0.769, 252.008, 1+ALB+NEFA+Asn+Lys+Trp; 0.769, 253.105, 1+ALB+NEFA+Asn+Tyr+Val; 0.769, 249.549, 1+ALB+AST+NEFA+Asn+Orn; 0.769, 251.812, 1+ALB+NEFA+T-BIL+Asn+Lys; 0.769, 248.229, 1+Phe+Glc+ALT+ALB+BUN; 0.769, 250.914, 1+ALB+Asn+3MeHis+Arg+Trp; 0.769, 250.113, 1+ALB+AST+NEFA+T-BIL+Asn; 0.769, 247.565, 1+ALB+AST+Asn+Asp+Trp; 0.769, 252.460, 1+ALB+gGT+His+Asn+Ile; 0.769, 251.270, 1+ALB+Ca+Asn+Thr+Orn; 0.769, 252.139, 1+ALB+Asn+Orn+Lys+Trp

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ALB+Asn+3MeHis+Orn+Phe;0.768, 248.611, 1+ALB+NEFA+Asn+3MeHis+Asp;0.768, 251.274, 1+ALB+Asn+3MeHis+Arg+Lys;0.768, 248.194, 1+Phe+ALT+ALB+BUN+Ca;0.768, 250.614, 1+ALB+Ca+AST+Asn+Ile;0.768, 251.418, 1+ALB+NEFA+T-BIL+Asn+Arg;0.768, 247.955, 1+Phe+ALT+ALB+BUN+BHBA;0.768, 248.058, 1+Thr+Phe+ALT+ALB+BUN;0.768, 250.306, 1+ALB+AST+NEFA+Asn+Tyr;0.768, 252.466, 1+ALB+Ca+His+Asn+Thr;0.768, 251.672, 1+ALB+Ca+Asn+Thr+Lys;0.768, 252.377, 1+ALB+NEFA+Asn+Arg+Val;0.768, 248.493, 1+ALB+Asn+3MeHis+Asp+Orn;0.768, 251.923, 1+ALB+Asn+Arg+Phe+Trp;0.768, 254.003, 1+ALB+Asn+Tyr+Val+Phe;0.768, 248.657, 1+ALB+Asn+3MeHis+Asp+Phe;0.768, 252.553, 1+ALB+NEFA+Asn+Orn+Phe;0.768, 251.250, 1+Ala+Trp+Arg+ALB+BUN;0.768, 250.521, 1+ALB+NEFA+Asn+Asp+Orn;0.768, 251.811, 1+ALB+NEFA+Asn+Arg+Trp;0.768, 250.565, 1+ALB+AST+His+Asn+Thr;0.768, 251.258, 1+ALB+Glc+Asn+Arg+Thr;0.768, 251.297, 1+ALB+Asn+3MeHis+Arg+Val;0.768, 252.340, 1+ALB+NEFA+Asn+Orn+Lys;0.768, 252.011, 1+ALB+Asn+Arg+Orn+Trp;0.768, 245.550, 1+ALB+BUN+ALT+Asp+Lys;0.768, 249.459, 1+ALB+AST+NEFA+Glc+Asn;0.768, 252.730, 1+ALB+Asn+Arg+Orn+Val;0.768, 248.187, 1+Trp+Arg+ALT+ALB+BUN;0.767, 252.138, 1+ALB+Asn+Arg+Lys+Trp;0.767, 252.193, 1+ALB+NEFA+Asn+Arg+Lys;0.767, 250.259, 1+ALB+Asn+Asp+Orn+Trp;0.767, 250.297, 1+ALB+Asn+Asp+Lys+Trp;0.767, 252.356, 1+ALB+Ca+T-BIL+His+Asn;0.767, 253.223, 1+ALB+Ca+T-BIL+Asn+Ile;0.767, 250.157, 1+ALB+Asn+Asp+Val+Trp;0.767, 252.538, 1+ALB+gGT+NEFA+Asn+Lys;0.767, 247.885, 1+ALB+AST+Asn+Asp+Tyr;0.767, 253.397, 1+ALB+gGT+BHB
A+Asn+Ile;0.767, 252.259, 1+ALB+NEFA+Asn+Arg+Orn;0.767, 252.463, 1+ALB+gGT+T-BIL+His+Asn;0.767, 253.188, 1+ALB+Asn+3MeHis+Tyr+Val;0.767, 251.331, 1+ALB+AST+Asn+Lys+Val;0.767, 251.344, 1+Ala+BCAA+Trp+ALB+BUN;0.767, 253.602, 1+ALB+Asn+Lys+Val+Phe;0.767, 251.408, 1+Ala+Lys+His+ALB+BUN;0.767, 252.531, 1+ALB+gGT+His+Asn+Thr;0.767, 250.990, 1+BCAA+Trp+Lys+ALB+BUN;0.767, 253.025, 1+ALB+Asn+Orn+Lys+Phe;0.767, 253.321, 1+ALB+gGT+T-BIL+Asn+Ile;0.767, 252.990, 1+ALB+NEFA+Asn+3MeHis+Val;0.767, 250.507, 1+ALB+AST+BHB

A+Asn+Orn;0.767, 251.608, 1+Ala+Trp+Thr+ALB+BUN;0.767, 250.360, 1+ALB+AST+T-BIL+Asn+Orn;0.767, 250.595, 1+ALB+NEFA+Asn+Arg+Asp;0.767, 250.910, 1+Ala+Trp+ALB+BUN+TP;0.767, 250.509, 1+ALB+AST+Asn+Orn+Lys;0.767, 253.038, 1+ALB+T-BIL+Asn+Orn+Lys;0.767, 251.503, 1+ALB+Asn+3MeHis+Arg+Phe;0.767, 250.006, 1+ALB+NEFA+Asn+Asp+Trp;0.767, 251.382, 1+Ala+Trp+ALB+BUN+NEFA;0.767, 248.112, 1+Phe+ALT+AST+ALB+BUN;0.767, 251.836, 1+ALB+AST+Asn+Tyr+Phe;0.766, 253.327, 1+ALB+Ca+BHBA+Asn+Ile;0.766, 252.361, 1+ALB+Ca+NEFA+Asn+Lys;0.766, 253.059, 1+ALB+BHBA+Asn+Orn+Lys;0.766, 252.083, 1+ALB+gGT+NEFA+Glc+Asn;0.766, 253.062, 1+ALB+T-BIL+BHBA+Asn+Orn;0.766, 250.033, 1+ALB+Asn+Asp+Phe+Trp;0.766, 252.238, 1+ALB+NEFA+BHBA+Glc+Asn;0.766, 251.590, 1+Ala+Trp+TG+ALB+BUN;0.766, 250.758, 1+ALB+NEFA+Asn+Asp+Val;0.766, 250.794, 1+ALB+AST+T-BIL+Asn+Thr;0.766, 246.203, 1+ALB+BUN+ALT+Asp+Trp;0.766, 251.950, 1+ALB+T-BIL+Asn+Arg+Thr;0.766, 252.264, 1+ALB+gGT+Glc+Asn+Thr;0.766, 251.198, 1+ALB+Asn+Asp+Lys+Val;0.766, 253.331, 1+ALB+gGT+NEFA+BHBA+Asn;0.766, 251.281, 1+ALB+AST+Asn+Lys+Phe;0.766, 248.776, 1+ALB+AST+Asn+Asp+Lys;0.766, 252.504, 1+ALB+gGT+NEFA+Asn+Orn;0.766, 251.556, 1+Ala+Trp+Tyr+ALB+BUN;0.766, 252.442, 1+ALB+NEFA+Asn+Arg+Phe;0.766, 251.487, 1+Ala+Trp+ALB+BUN+BHBA;0.766, 249.422, 1+ALB+AST+NEFA+Asn+Arg;0.766, 252.670, 1+ALB+NEFA+Asn+3MeHis+Phe;0.766, 250.068, 1+ALB+Asn+Asp+Tyr+Val;0.766, 253.488, 1+ALB+gGT+T-BIL+Asn+Thr;0.766, 250.776, 1+ALB+AST+BHBA+His+Asn;0.766, 249.184, 1+Ala+Arg+ALT+ALB+BUN;0.766, 250.333, 1+ALB+Asn+Arg+Asp+Trp;0.766, 250.918, 1+ALB+AST+gGT+His+Asn;0.766, 252.537, 1+ALB+Ca+NEFA+T-BIL+Asn;0.766, 252.409, 1+ALB+Ca+NEFA+Asn+Orn;0.766, 250.765, 1+ALB+NEFA+Asn+Asp+Phe;0.766, 249.718, 1+Ala+Trp+AST+ALB+BUN;0.766, 247.607, 1+ALB+AST+NEFA+Asn+Asp;0.766, 252.879, 1+ALB+Asn+Arg+Orn+Lys;0.766, 249.761, 1+ALB+AST+Glc+Asn+Orn;0.766, 249.043, 1+ALB+AST+Asn+3MeHis+Arg;0.766, 251.286, 1+ALB+AST+BHBA+Asn+Lys;0.766, 253.240, 1+ALB+Ca+NEFA+BHBA+Asn;0.766, 252.024, 1+ALB+BHBA+Asn+Arg+Thr;0.766, 250.477, 1+ALB+AST+Asn+Orn+Phe;0.766, 2

53. 079, 1+ALB+Asn+3MeHis+Val+Phe; 0.766, 250.448, 1+ALB+AST+gGT+Asn+Orn; 0.766, 250.469, 1+ALB+AST+NEFA+Asn+Phe; 0.766, 251.258, 1+Ala+Trp+TCHO+ALB+BUN; 0.766, 252.108, 1+ALB+NEFA+BHBA+Asn+Arg; 0.766, 252.317, 1+ALB+gGT+NEFA+Asn+Arg; 0.765, 252.745, 1+ALB+gGT+BHBA+His+Asn; 0.765, 248.640, 1+Lys+Thr+ALT+ALB+BUN; 0.765, 253.356, 1+ALB+Ca+T-BIL+Asn+Lys; 0.765, 251.301, 1+ALB+AST+gGT+Asn+Lys; 0.765, 250.955, 1+ALB+AST+T-BIL+Asn+Lys; 0.765, 247.781, 1+Ala+Lys+ALT+ALB+BUN; 0.765, 248.266, 1+ALB+BUN+ALT+Arg+Lys; 0.765, 248.266, 1+Arg+Lys+ALT+ALB+BUN; 0.765, 251.063, 1+ALB+Asn+Asp+Orn+Val; 0.765, 248.386, 1+Lys+His+ALT+ALB+BUN; 0.765, 246.081, 1+ALB+AST+Asn+3MeHis+Asp; 0.765, 247.689, 1+Lys+ALT+ALB+BUN+TP; 0.765, 252.602, 1+ALB+Ca+BHBA+His+Asn; 0.765, 252.892, 1+ALB+T-BIL+Asn+Arg+Orn; 0.765, 251.584, 1+Ala+Trp+gGT+ALB+BUN; 0.765, 251.610, 1+Ala+Trp+Glc+ALB+BUN; 0.765, 250.151, 1+ALB+AST+NEFA+Asn+3MeHis; 0.765, 253.462, 1+ALB+Ca+T-BIL+Asn+Thr; 0.765, 252.112, 1+ALB+T-BIL+Glc+Asn+Orn; 0.765, 252.206, 1+ALB+BHBA+Glc+Asn+Thr; 0.765, 248.168, 1+ALB+BUN+ALT+3MeHis+Lys; 0.765, 251.288, 1+Trp+Phe+ALB+BUN+TP; 0.765, 250.526, 1+ALB+AST+NEFA+BHBA+Asn; 0.765, 248.945, 1+Trp+ALT+ALB+BUN+TP; 0.765, 253.449, 1+ALB+gGT+T-BIL+Asn+Lys; 0.765, 251.119, 1+ALB+Asn+Asp+Orn+Lys; 0.765, 251.080, 1+ALB+AST+BHBA+Asn+Thr; 0.765, 253.131, 1+ALB+Ca+gGT+Asn+Ile; 0.765, 252.972, 1+ALB+gGT+Asn+Orn+Lys; 0.765, 248.751, 1+Lys+ALT+ALB+BUN+NEFA; 0.765, 253.009, 1+ALB+Ca+BHBA+Asn+Orn; 0.765, 253.058, 1+ALB+Asn+Arg+Lys+Val; 0.765, 252.878, 1+ALB+BHBA+Asn+Arg+Orn; 0.765, 250.694, 1+ALB+AST+Asn+Arg+Lys; 0.765, 253.483, 1+ALB+Ca+BHBA+Asn+Lys; 0.765, 252.093, 1+ALB+Glc+Asn+Arg+Orn; 0.765, 252.590, 1+ALB+gGT+Glc+Asn+Lys; 0.765, 251.250, 1+ALB+Asn+Arg+Asp+Lys; 0.765, 250.299, 1+ALB+AST+Asn+Arg+Orn; 0.765, 252.070, 1+Ala+Gly+Trp+AST+ALB; 0.765, 252.465, 1+ALB+Ca+Glc+Asn+Thr; 0.765, 249.945, 1+Trp+Lys+ALB+BUN+TP; 0.765, 251.528, 1+Ala+Trp+ALB+BUN+Ca; 0.764, 251.188, 1+ALB+Asn+Arg+Asp+Orn; 0.764, 252.185, 1+ALB+Glc+Asn+Orn+Lys; 0.764, 247.592, 1+ALB+BUN+3MeHis+Asp+Lys; 0.764, 248.713, 1+ALB+BUN+ALT+T-BIL+Lys

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+ALB+Ca+Glc+Asn+Orn;0.763, 250.428, 1+ALB+AST+gGT+NEFA+Asn;0.763, 252.413, 1+ALB+BHBA+Glc+Asn+Arg;0.763, 253.023, 1+BCAA+Lys+Phe+ALB+BUN;0.763, 252.671, 1+Ala+Lys+Phe+ALB+BUN;0.763, 251.636, 1+Trp+Lys+Phe+ALB+BUN;0.763, 248.861, 1+Lys+Glc+ALT+ALB+BUN;0.763, 249.278, 1+ALB+BUN+Asp+Lys+Trp;0.763, 250.724, 1+ALB+AST+Asn+Arg+Val;0.763, 253.165, 1+ALB+T-BIL+BHBA+Asn+Arg;0.763, 254.122, 1+Ala+Gly+Trp+Lys+ALB;0.763, 256.142, 1+Ala+Gly+BCAA+Lys+ALB;0.763, 248.593, 1+Lys+ALT+ALB+BUN+BHBA;0.763, 250.594, 1+ALB+AST+Asn+Arg+Phe;0.762, 252.022, 1+ALB+gGT+Glc+Asn+Orn;0.762, 248.874, 1+ALB+BUN+ALT+Lys+Val;0.762, 249.064, 1+ALB+BUN+ALT+Orn+Trp;0.762, 251.968, 1+Trp+Lys+AST+ALB+TP;0.762, 253.442, 1+ALB+Ca+gGT+Asn+Thr;0.762, 250.238, 1+Trp+Phe+His+ALT+ALB;0.762, 254.848, 1+Ala+Gly+Lys+His+ALB;0.762, 250.969, 1+ALB+AST+gGT+Glc+Asn;0.762, 253.043, 1+ALB+gGT+T-BIL+Asn+Arg;0.762, 248.817, 1+BCAA+Lys+ALT+ALB+BUN;0.762, 250.658, 1+Gly+Trp+Phe+ALT+ALB;0.762, 253.406, 1+ALB+Ca+gGT+Asn+Lys;0.762, 252.859, 1+ALB+gGT+T-BIL+Glc+Asn;0.762, 251.919, 1+Trp+Lys+gGT+ALB+BUN;0.762, 255.139, 1+Ala+Gly+Trp+Phe+ALB;0.762, 253.807, 1+Ala+Gly+Trp+Arg+ALB;0.762, 250.052, 1+Gly+Arg+Phe+ALT+ALB;0.762, 251.659, 1+ALB+AST+Asn+Tyr+Val;0.762, 251.457, 1+ALB+Asn+Arg+Asp+Val;0.762, 251.821, 1+Lys+Phe+His+ALB+BUN;0.762, 249.487, 1+Trp+Thr+ALT+ALB+BUN;0.762, 250.502, 1+ALB+AST+T-BIL+Asn+Arg;0.762, 254.308, 1+ALB+Ca+T-BIL+BHBA+Asn;0.762, 250.952, 1+ALB+BUN+3MeHis+Lys+Trp;0.762, 250.731, 1+ALB+AST+BHBA+Asn+Arg;0.762, 248.365, 1+Lys+TCHO+ALT+ALB+BUN;0.762, 251.673, 1+Gly+Trp+Lys+ALB+BUN;0.762, 252.180, 1+Lys+AST+ALB+TP+NEFA;0.762, 253.025, 1+ALB+Ca+Asn+Arg+Lys;0.762, 250.960, 1+Ala+Gly+Lys+ALT+ALB;0.762, 251.574, 1+ALB+BUN+3MeHis+Lys+Phe;0.762, 251.618, 1+Trp+Lys+ALB+BUN+NEFA;0.762, 251.618, 1+ALB+BUN+NEFA+Lys+Trp;0.762, 252.955, 1+Ala+Gly+Arg+AST+ALB;0.762, 250.330, 1+ALB+Ca+AST+NEFA+Asn;0.762, 250.828, 1+BCAA+Lys+Phe+ALT+ALB;0.762, 252.975, 1+ALB+gGT+Asn+Arg+Lys;0.762, 250.695, 1+ALB+AST+Asn+3MeHis+Phe;0.762, 253.285, 1+ALB+Ca+gGT+NEFA+Asn;0.762, 254.307

, 1+ALB+gGT+T-BIL+BHBA+Asn;0.762, 248.560, 1+Lys+ALT+AST+ALB+BUN;0.762, 250.353, 1+ALB+BUN+AST+Lys+Trp;0.762, 250.353, 1+Trp+Lys+AST+ALB+BUN;0.762, 253.079, 1+ALB+T-BIL+BHBA+Glc+Asn;0.762, 250.966, 1+ALB+ALT+Orn+Tyr+Phe;0.762, 250.828, 1+ALB+AST+Asn+3MeHis+Val;0.762, 249.655, 1+Trp+TCHO+ALT+ALB+BUN;0.761, 251.691, 1+ALB+AST+T-BIL+BHBA+Asn;0.761, 253.150, 1+ALB+Ca+T-BIL+Asn+Arg;0.761, 252.889, 1+ALB+Ca+gGT+Asn+Orn;0.761, 253.069, 1+ALB+gGT+BHBA+Asn+Arg;0.761, 251.468, 1+Ala+Gly+Trp+ALT+ALB;0.761, 250.694, 1+Ala+Gly+Arg+ALT+ALB;0.761, 249.907, 1+Trp+Arg+Phe+ALT+ALB;0.761, 250.239, 1+ALB+ALT+Orn+Phe+Trp;0.761, 250.454, 1+ALB+AST+T-BIL+Glc+Asn;0.761, 250.539, 1+Gly+Lys+Phe+ALT+ALB;0.761, 252.948, 1+Ala+BCAA+Lys+ALB+BUN;0.761, 256.425, 1+Ala+Gly+Lys+TG+ALB;0.761, 252.473, 1+Trp+Phe+Tyr+ALB+BUN;0.761, 249.909, 1+ALB+ALT+3MeHis+Lys+Phe;0.761, 251.888, 1+Trp+Lys+Tyr+ALB+BUN;0.761, 249.968, 1+Trp+TG+ALT+ALB+BUN;0.761, 248.788, 1+Lys+ALT+ALB+BUN+Ca;0.761, 251.819, 1+Trp+Arg+Lys+ALB+BUN;0.761, 251.926, 1+Trp+Lys+TG+ALB+BUN;0.761, 252.443, 1+ALB+Ca+Glc+Asn+Arg;0.761, 253.052, 1+ALB+Ca+T-BIL+Glc+Asn;0.761, 250.271, 1+Ala+Trp+Arg+ALT+ALB;0.761, 251.976, 1+Lys+His+ALB+BUN+NEFA;0.761, 253.154, 1+Ala+Lys+Thr+ALB+BUN;0.761, 251.275, 1+ALB+Asn+Arg+Asp+Phe;0.761, 250.883, 1+Trp+Phe+His+ALB+BUN;0.761, 250.301, 1+Trp+Lys+Phe+ALT+ALB;0.761, 250.737, 1+ALB+AST+gGT+Asn+Arg;0.761, 252.657, 1+Ala+Phe+ALB+BUN+NEFA;0.761, 252.567, 1+ALB+BUN+3MeHis+Lys+Val;0.761, 251.572, 1+ALB+Asn+Asp+Val+Phe;0.761, 247.995, 1+ALB+BUN+ALT+Arg+Asp;0.761, 251.291, 1+ALB+BUN+AST+3MeHis+Lys;0.761, 253.194, 1+ALB+Ca+BHBA+Asn+Arg;0.761, 250.958, 1+Ala+Trp+Phe+ALT+ALB;0.761, 251.076, 1+BCAA+Trp+Phe+ALT+ALB;0.761, 250.684, 1+Gly+Lys+ALT+ALB+TP;0.761, 256.419, 1+Ala+Gly+Lys+Tyr+ALB;0.761, 250.915, 1+ALB+ALT+Orn+Val+Phe;0.761, 252.230, 1+Gly+Lys+ALB+BUN+TP;0.761, 249.033, 1+ALB+AST+Asn+Asp+Val;0.760, 256.418, 1+Ala+Gly+Lys+Glc+ALB;0.760, 256.421, 1+Ala+Gly+Lys+Thr+ALB;0.760, 252.263, 1+Gly+Trp+Phe+ALB+BUN;0.760, 250.127, 1+ALB+ALT+3MeHis+Orn+Phe;0.760, 252.1

62, 1+ALB+BUN+NEFA+3MeHis+Lys;0.760, 252.644, 1+Trp+Phe+TG+ALB+BUN;0.760, 249.991, 1+BCAA+Trp+ALT+ALB+BUN;0.760, 253.147, 1+Ala+Lys+Glc+ALB+BUN;0.760, 249.394, 1+ALB+BUN+ALT+3MeHis+Arg;0.760, 250.036, 1+ALB+BUN+ALT+3MeHis+Trp;0.760, 249.887, 1+ALB+BUN+ALT+Val+Trp;0.760, 250.058, 1+Trp+ALT+ALB+BUN+BHBA;0.760, 250.161, 1+ALB+BUN+Asp+Phe+Trp;0.760, 250.925, 1+Gly+Lys+ALT+AST+ALB;0.760, 255.071, 1+Gly+BCAA+Lys+AST+ALB;0.760, 251.494, 1+ALB+Ca+AST+T-BIL+Asn;0.760, 251.919, 1+ALB+BUN+Orn+Lys+Trp;0.760, 249.589, 1+Trp+Arg+ALT+AST+ALB;0.760, 250.045, 1+Lys+Phe+His+ALT+ALB;0.760, 253.182, 1+Ala+Lys+Tyr+ALB+BUN;0.760, 250.273, 1+Ala+Thr+ALT+ALB+BUN;0.760, 250.662, 1+Arg+Phe+Tyr+ALT+ALB;0.760, 255.606, 1+Ala+Gly+Lys+ALB+TP;0.760, 250.934, 1+ALB+ALT+NEFA+Orn+Phe;0.760, 253.432, 1+Ala+Trp+Lys+His+ALB;0.760, 250.736, 1+Trp+Phe+ALT+ALB+TP;0.760, 251.968, 1+ALB+AST+Asn+Val+Phe;0.760, 252.977, 1+Lys+Thr+His+ALB+BUN;0.760, 250.805, 1+Trp+Phe+TCHO+ALT+ALB;0.760, 256.248, 1+Ala+Gly+Lys+Phe+ALB;0.760, 251.902, 1+Trp+Lys+Thr+ALB+BUN;0.760, 251.932, 1+Trp+Lys+Glc+ALB+BUN;0.760, 250.501, 1+Trp+Arg+Tyr+ALT+ALB;0.760, 251.211, 1+Trp+Phe+ALT+gGT+ALB;0.760, 253.368, 1+Gly+Arg+Lys+AST+ALB;0.760, 251.652, 1+ALB+AST+gGT+T-BIL+Asn;0.760, 252.728, 1+Ala+Lys+TCHO+ALB+BUN;0.760, 252.292, 1+Lys+Phe+ALB+BUN+NEFA;0.760, 251.188, 1+Trp+Phe+Tyr+ALT+ALB;0.760, 251.210, 1+Trp+Phe+TG+ALT+ALB;0.760, 249.642, 1+ALB+ALT+Arg+Lys+Ile;0.760, 253.763, 1+ALB+BUN+Thr+Lys+Ile;0.760, 251.591, 1+Ala+Gly+Phe+ALT+ALB;0.760, 252.287, 1+Trp+Phe+ALB+BUN+NEFA;0.760, 249.959, 1+ALB+BUN+ALT+Arg+Orn;0.760, 250.124, 1+Trp+Glc+ALT+ALB+BUN;0.760, 253.124, 1+Gly+Lys+Phe+ALB+BUN;0.760, 251.633, 1+Trp+Lys+TCHO+ALB+BUN;0.760, 250.574, 1+ALB+ALT+Arg+Thr+Ile;0.760, 248.914, 1+ALB+ALT+Asp+Phe+Trp;0.760, 255.475, 1+Ala+Gly+Trp+TG+ALB;0.760, 252.081, 1+ALB+BUN+T-BIL+His+Lys;0.760, 254.840, 1+Gly+Lys+His+AST+ALB;0.760, 251.844, 1+Trp+Lys+ALB+BUN+Ca;0.760, 252.305, 1+Ala+Lys+ALB+BUN+TP;0.760, 252.905, 1+ALB+gGT+BHBA+Glc+Asn;0.760, 256.386

, 1+Ala+Gly+Lys+gGT+ALB;0.760, 251.778, 1+Trp+Lys+ALB+BUN+BHBA;0.760, 248.913, 1+ALB+AST+Asn+Asp+Phe;0.760, 254.436, 1+Lys+His+AST+ALB+TP;0.760, 252.869, 1+ALB+BUN+His+Orn+Lys;0.760, 252.554, 1+Trp+Lys+His+ALB+TP;0.760, 251.090, 1+Lys+AST+ALB+BUN+TP;0.760, 253.175, 1+Ala+Lys+TG+ALB+BUN;0.760, 251.620, 1+ALB+BUN+3MeHis+Phe+Trp;0.760, 254.052, 1+Ala+Lys+His+ALB+NEFA;0.760, 251.207, 1+Trp+Phe+ALT+ALB+BHBA;0.760, 251.236, 1+Trp+Phe+Glc+ALT+ALB;0.759, 249.579, 1+Arg+Phe+His+ALT+ALB;0.759, 255.457, 1+Ala+Gly+Trp+Glc+ALB;0.759, 251.462, 1+Lys+ALB+BUN+TP+NEFA;0.759, 251.686, 1+Ala+Lys+AST+ALB+BUN;0.759, 251.956, 1+ALB+AST+gGT+BHBA+Asn;0.759, 251.795, 1+Gly+Phe+His+ALT+ALB;0.759, 252.422, 1+Gly+Lys+AST+ALB+BUN;0.759, 253.014, 1+Ala+Arg+Lys+ALB+BUN;0.759, 252.536, 1+ALB+BUN+Val+Phe+Trp;0.759, 252.540, 1+ALB+BUN+3MeHis+Orn+Lys;0.759, 250.542, 1+Ala+Trp+Lys+ALT+ALB;0.759, 250.851, 1+Ala+Arg+Phe+ALT+ALB;0.759, 252.657, 1+Trp+Phe+gGT+ALB+BUN;0.759, 250.314, 1+Arg+Lys+Phe+ALT+ALB;0.759, 251.243, 1+Trp+Thr+Phe+ALT+ALB;0.759, 253.255, 1+Ala+Trp+Lys+AST+ALB;0.759, 250.072, 1+Trp+ALT+ALB+BUN+NEFA;0.759, 250.514, 1+BCAA+Trp+Arg+ALT+ALB;0.759, 250.060, 1+ALB+AST+ALT+Lys+Trp;0.759, 250.060, 1+Trp+Lys+ALT+AST+ALB;0.759, 250.582, 1+Trp+Phe+ALT+AST+ALB;0.759, 250.905, 1+ALB+Ca+AST+Glc+Asn;0.759, 250.643, 1+ALB+ALT+NEFA+Arg+Phe;0.759, 250.643, 1+Arg+Phe+ALT+ALB+NEFA;0.759, 250.263, 1+Arg+Glc+ALT+ALB+BUN;0.759, 251.242, 1+ALB+ALT+Val+Phe+Trp;0.759, 253.041, 1+ALB+Ca+gGT+Glc+Asn;0.759, 255.191, 1+Ala+Gly+Arg+Lys+ALB;0.759, 249.932, 1+Trp+Arg+Lys+ALT+ALB;0.759, 253.019, 1+Phe+His+ALB+BUN+NEFA;0.759, 251.631, 1+Trp+Arg+ALB+BUN+TP;0.759, 249.466, 1+Trp+Arg+His+ALT+ALB;0.759, 250.163, 1+Arg+Tyr+ALT+ALB+BUN;0.759, 250.649, 1+ALB+Ca+AST+Asn+Arg;0.759, 250.004, 1+Arg+ALT+ALB+BUN+TP;0.759, 250.567, 1+ALB+ALT+3MeHis+Phe+Trp;0.759, 250.000, 1+Trp+ALT+ALB+BUN+Ca;0.759, 251.150, 1+ALB+ALT+Lys+Val+Phe;0.759, 251.155, 1+Trp+Phe+ALT+ALB+NEFA;0.759, 250.658, 1+Lys+Phe+ALT+ALB+TP;0.759, 253.535, 1+Gly+Trp+Lys+ALB+TP;0.759, 252.539, 1+ALB+BUN+3MeHis

+Lys+Tyr;0.759,252.651,1+Trp+Phe+Glc+ALB+BUN;0.759,252.656,1+Trp+Thr+Phe+ALB+BUN;0.759,250.128,1+Arg+TG+ALT+ALB+BUN;0.759,251.078,1+Ala+Lys+Phe+ALT+ALB;0.759,250.751,1+Lys+Phe+ALT+ALB+NEFA;0.759,251.372,1+Lys+AST+ALB+BUN+NEFA;0.759,255.117,1+Gly+Lys+Glc+AST+ALB;0.759,256.315,1+Ala+Gly+Lys+ALB+BHBA;0.759,255.531,1+Ala+Gly+Trp+ALB+BHBA;0.759,250.036,1+Trp+His+ALT+ALB+BUN;0.759,250.373,1+Arg+ALT+gGT+ALB+BUN;0.759,253.294,1+BCAA+Trp+Lys+AST+ALB;0.759,254.896,1+Gly+Lys+AST+ALB+BHBA;0.759,251.845,1+ALB+Ca+AST+gGT+Asn;0.759,252.965,1+ALB+Ca+gGT+Asn+Arg;0.759,252.191,1+ALB+gGT+Glc+Asn+Arg;0.759,253.646,1+Lys+Phe+Tyr+ALB+BUN;0.759,250.807,1+BCAA+Arg+Phe+ALT+ALB;0.759,253.867,1+Ala+Gly+Trp+His+ALB;0.759,250.113,1+Gly+Trp+ALT+ALB+BUN;0.759,254.702,1+Gly+Lys+TC+HO+AST+ALB;0.759,250.709,1+ALB+ALT+Orn+Lys+Phe;0.759,255.121,1+Gly+Lys+TG+AST+ALB;0.759,256.376,1+Ala+Gly+Lys+ALB+Ca;0.759,252.762,1+Ala+Lys+ALB+BUN+BHBA;0.759,250.308,1+ALB+BUN+NEFA+Asp+Lys;0.759,250.523,1+ALB+ALT+Arg+Orn+Phe;0.759,252.734,1+ALB+BUN+NEFA+Lys+Ile;0.759,249.963,1+Trp+Arg+ALT+ALB+TP;0.759,253.142,1+Ala+Lys+gGT+ALB+BUN;0.759,255.534,1+Ala+Gly+Trp+Thr+ALB;0.759,248.110,1+ALB+ALT+3MeHis+Asp+Phe;0.759,250.606,1+ALB+AST+BHBA+Glc+Asn;0.759,250.472,1+Trp+AST+ALB+BUN+TP;0.759,252.239,1+Ala+ALT+ALB+BUN+NEFA;0.759,250.218,1+BCAA+Arg+ALT+ALB+BUN;0.759,255.514,1+Ala+Gly+Trp+ALB+NEFA;0.759,249.015,1+ALB+ALT+Arg+Asp+Lys;0.759,249.426,1+ALB+BUN+3MeHis+Asp+Phe;0.759,253.330,1+Gly+Lys+His+ALB+BUN;0.759,249.998,1+Trp+Lys+His+ALT+ALB;0.759,250.048,1+Gly+Trp+Arg+ALT+ALB;0.759,251.166,1+Lys+Phe+Tyr+ALT+ALB;0.759,250.418,1+ALB+AST+ALT+3MeHis+Lys;0.758,253.092,1+Ala+Lys+ALB+BUN+Ca;0.758,250.585,1+ALB+ALT+Arg+Val+Trp;0.758,250.588,1+Trp+Arg+ALT+gGT+ALB;0.758,249.804,1+Trp+Lys+ALT+ALB+TP;0.758,252.585,1+Gly+Trp+Lys+AST+ALB;0.758,254.835,1+ALB+AST+Orn+Lys+Ile;0.758,253.610,1+ALB+BUN+Lys+Val+Phe;0.758,252.190,1+ALB+BUN+Orn+Phe+Trp;0.758,253.188,1+Lys+gGT+ALB+BUN+NEFA

;0.758,250.095,1+Gly+Arg+ALT+ALB+BUN;0.758,250.323,1+ALB+BUN+ALT+T-BIL+Arg;0.758,250.980,1+ALB+ALT+NEFA+3MeHis+Lys;0.758,250.434,1+ALB+AST+ALT+Orn+Phe;0.758,253.933,1+ALB+BUN+Orn+Lys+Ile;0.758,252.074,1+Ala+Trp+ALT+ALB+TP;0.758,248.517,1+ALB+BUN+ALT+Asp+Orn;0.758,250.305,1+Arg+ALT+ALB+BUN+BHBA;0.758,250.587,1+Trp+Arg+Glc+ALT+ALB;0.758,250.829,1+Arg+Phe+TG+ALT+ALB;0.758,248.900,1+ALB+ALT+Arg+Asp+Trp;0.758,251.296,1+Ala+Trp+ALT+AST+ALB;0.758,253.090,1+ALB+Ca+BHBA+Glc+Asn;0.758,251.117,1+ALB+BUN+Asp+Lys+Phe;0.758,252.751,1+BCAA+Lys+ALB+BUN+TP;0.758,254.050,1+BCAA+Lys+Thr+ALB+BUN;0.758,249.568,1+Trp+Tyr+ALT+ALB+BUN;0.758,250.563,1+Trp+Arg+ALT+ALB+BHBA;0.758,250.589,1+Trp+Arg+ALT+ALB+NEFA;0.758,250.807,1+Arg+Thr+Phe+ALT+ALB;0.758,251.025,1+ALB+ALT+3MeHis+Lys+Val;0.758,252.273,1+Gly+Phe+ALT+gGT+ALB;0.758,249.812,1+ALB+BUN+AST+Asp+Lys;0.758,249.923,1+Arg+ALT+AST+ALB+BUN;0.758,255.809,1+Ala+Gly+Lys+ALB+NEFA;0.758,250.558,1+Gly+Arg+ALT+AST+ALB;0.758,252.751,1+BCAA+Trp+ALB+BUN+TP;0.758,250.177,1+Trp+Arg+TCHO+ALT+ALB;0.758,251.735,1+ALB+Ca+AST+BHBA+Asn;0.758,254.138,1+ALB+Ca+gGT+T-BIL+Asn;0.758,252.446,1+Ala+Trp+TG+ALT+ALB;0.758,253.631,1+ALB+BUN+His+Lys+Ile;0.758,251.165,1+Lys+Phe+ALT+gGT+ALB;0.758,249.543,1+ALB+ALT+3MeHis+Arg+Lys;0.758,250.662,1+Lys+Phe+ALT+AST+ALB;0.758,254.922,1+Gly+Lys+Thr+AST+ALB;0.758,252.344,1+Ala+Trp+Thr+ALT+ALB;0.758,250.275,1+Arg+ALT+ALB+BUN+NEFA;0.758,252.466,1+Ala+Trp+ALT+ALB+NEFA;0.758,255.490,1+Ala+Gly+Trp+Tyr+ALB;0.758,249.506,1+ALB+ALT+3MeHis+Arg+Phe;0.758,252.195,1+Lys+Phe+AST+ALB+BUN;0.758,250.553,1+Lys+ALT+AST+ALB+TP;0.758,252.032,1+Ala+Trp+TCHO+ALT+ALB;0.758,251.427,1+ALB+BUN+Asp+Lys+Val;0.758,252.438,1+Ala+Trp+Glc+ALT+ALB;0.758,252.477,1+Ala+Trp+ALT+gGT+ALB;0.758,250.936,1+Arg+Phe+ALT+gGT+ALB;0.758,250.373,1+ALB+BUN+ALT+Arg+Ile;0.758,247.111,1+ALB+ALT+3MeHis+Asp+Lys;0.758,251.417,1+ALB+BUN+Asp+Orn+Lys;0.758,251.962,1+ALB+BUN+3MeHis+Arg+Lys;0.758,252.906,1+BCAA+Lys+ALB+BUN

+NEFA;0.758,250.936,1+ALB+ALT+Arg+Val+Phe;0.758,248.401,1+ALB+ALT+Asp+Lys+Trp;0.758,250.089,1+Arg+His+ALT+ALB+BUN;0.758,250.690,1+Lys+Phe+TCHO+ALT+ALB;0.758,251.426,1+ALB+BUN+Arg+Asp+Lys;0.758,253.024,1+ALB+BUN+T-BIL+Lys+Ile;0.758,248.974,1+ALB+BUN+3MeHis+Asp+Trp;0.758,252.761,1+Trp+TG+ALB+BUN+TP;0.758,249.721,1+Arg+Lys+His+ALT+ALB;0.758,250.894,1+ALB+ALT+3MeHis+Lys+Tyr;0.758,251.554,1+ALB+BUN+AST+T-BIL+Lys;0.758,250.031,1+Arg+TCHO+ALT+ALB+BUN;0.758,253.670,1+Lys+Phe+Glc+ALB+BUN;0.758,252.386,1+Ala+BCAA+Trp+ALT+ALB;0.758,249.366,1+ALB+ALT+Asp+Orn+Trp;0.758,249.974,1+ALB+BUN+ALT+Arg+Val;0.758,250.649,1+ALB+ALT+Orn+Lys+Trp;0.758,254.912,1+Ala+Gly+Trp+ALB+TP;0.758,250.505,1+Gly+Trp+Lys+ALT+ALB;0.758,253.560,1+ALB+AST+NEFA+Orn+Lys;0.758,249.997,1+Arg+ALT+ALB+BUN+Ca;0.758,251.422,1+Ala+Lys+ALT+ALB+NEFA;0.758,250.423,1+ALB+ALT+Arg+Orn+Trp;0.758,249.503,1+Trp+ALT+AST+ALB+BUN;0.758,250.404,1+Trp+Arg+TG+ALT+ALB;0.758,251.112,1+ALB+BUN+AST+Orn+Trp;0.758,252.850,1+ALB+BUN+AST+Lys+Ile;0.758,253.385,1+ALB+AST+Orn+Val+Trp;0.758,248.970,1+ALB+BUN+AST+Asp+Trp;0.758,251.135,1+Ala+BCAA+ALT+ALB+BUN;0.758,252.847,1+Lys+TG+ALB+BUN+TP;0.758,253.397,1+Ala+Gly+Arg+ALB+BUN;0.758,253.064,1+Lys+TG+ALB+BUN+NEFA;0.758,249.497,1+ALB+ALT+Arg+Asp+Phe;0.758,249.166,1+ALB+ALT+NEFA+Asp+Lys;0.758,250.607,1+BCAA+Trp+Lys+ALT+ALB;0.758,253.483,1+ALB+AST+NEFA+Lys+Ile;0.757,252.476,1+Ala+Trp+ALT+ALB+BHBA;0.757,252.841,1+Lys+Thr+ALB+BUN+TP;0.757,255.503,1+Ala+Gly+Trp+gGT+ALB;0.757,249.422,1+ALB+ALT+Asp+Orn+Phe;0.757,250.377,1+ALB+BUN+ALT+Thr+Orn;0.757,251.188,1+Ala+Arg+ALT+AST+ALB;0.757,251.114,1+ALB+ALT+Orn+Lys+Ile;0.757,249.396,1+ALB+AST+3MeHis+Asp+Lys;0.757,253.858,1+Gly+Lys+AST+ALB+NEFA;0.757,253.638,1+ALB+BUN+Glc+His+Lys;0.757,252.576,1+Trp+Thr+ALB+BUN+TP;0.757,250.988,1+ALB+BUN+AST+Phe+Trp;0.757,251.013,1+Trp+Arg+AST+ALB+BUN;0.757,254.674,1+Ala+Gly+Trp+TCHO+ALB;0.757,253.535,1+ALB+BUN+Orn+Lys+Phe;0.757,253.201,1+Lys+Glc+ALB+BUN+NEFA;0

. 757, 252. 430, 1+Gly+Trp+ALB+BUN+TP; 0. 757, 253. 641, 1+ALB+BUN+gGT+His+Lys
; 0. 757, 250. 396, 1+ALB+AST+ALT+Orn+Trp; 0. 757, 252. 788, 1+ALB+BUN+His+Arg+
Lys; 0. 757, 253. 316, 1+Ala+Lys+AST+ALB+NEFA; 0. 757, 253. 627, 1+Ala+Trp+AST+
ALB+TP; 0. 757, 252. 631, 1+ALB+BUN+3MeHis+Orn+Phe; 0. 757, 252. 760, 1+Trp+Glc
+ALB+BUN+TP; 0. 757, 251. 353, 1+Lys+ALT+gGT+ALB+TP; 0. 757, 252. 970, 1+BCAA+L
ys+AST+ALB+BUN; 0. 757, 252. 884, 1+Lys+Glc+ALB+BUN+TP; 0. 757, 252. 787, 1+ALB
+BUN+AST+Orn+Phe; 0. 757, 252. 943, 1+ALB+AST+NEFA+3MeHis+Lys; 0. 757, 255. 47
3, 1+Ala+Gly+Trp+ALB+Ca; 0. 757, 250. 467, 1+Trp+Arg+ALT+ALB+Ca; 0. 757, 254. 1
24, 1+Gly+Lys+gGT+ALB+BUN; 0. 757, 251. 407, 1+ALB+BUN+Asp+Lys+Tyr; 0. 757, 25
3. 904, 1+Gly+Lys+Thr+ALB+BUN; 0. 757, 252. 323, 1+ALB+BUN+Arg+Phe+Trp; 0. 757
, 253. 106, 1+Lys+Thr+ALB+BUN+NE
FA; 0. 757, 250. 831, 1+Lys+ALT+ALB+TP+NEFA; 0. 757, 250. 930, 1+ALB+AST+ALT+Or
n+Lys; 0. 757, 252. 795, 1+Lys+Thr+AST+ALB+BUN; 0. 757, 251. 939, 1+Gly+Trp+Arg
+AST+ALB; 0. 757, 253. 514, 1+Ala+Trp+AST+ALB+NEFA; 0. 757, 252. 296, 1+Lys+ALB
+BUN+TP+BHBA; 0. 757, 251. 354, 1+BCAA+Lys+ALT+ALB+TP; 0. 757, 251. 508, 1+ALB+
AST+NEFA+Asp+Lys; 0. 757, 253. 198, 1+ALB+BUN+NEFA+Lys+Tyr; 0. 757, 250. 755, 1
+ALB+ALT+3MeHis+Orn+Lys; 0. 757, 251. 200, 1+Ala+Lys+ALT+AST+ALB; 0. 757, 253
. 027, 1+ALB+AST+NEFA+Orn+Trp; 0. 757, 254. 803, 1+Gly+Lys+AST+gGT+ALB; 0. 757
, 254. 126, 1+Gly+Lys+TG+ALB+BUN; 0. 757, 253. 171, 1+ALB+BUN+NEFA+Orn+Lys; 0.
757, 251. 569, 1+ALB+BUN+ALT+gGT+Orn; 0. 757, 252. 660, 1+Trp+ALB+BUN+TP+NEFA
; 0. 757, 250. 525, 1+Trp+Arg+Thr+ALT+ALB; 0. 757, 253. 054, 1+Gly+Trp+AST+ALB+
TP; 0. 757, 252. 473, 1+Trp+ALB+BUN+TP+BHBA; 0. 757, 255. 428, 1+Ala+Gly+BCAA+T
rp+ALB; 0. 757, 249. 912, 1+ALB+ALT+3MeHis+Arg+Trp; 0. 757, 250. 724, 1+ALB+ALT
+His+Arg+Orn; 0. 757, 250. 844, 1+Gly+Arg+Thr+ALT+ALB; 0. 757, 254. 195, 1+ALB+
AST+His+Orn+Lys; 0. 757, 248. 940, 1+ALB+ALT+Asp+Lys+Phe; 0. 757, 250. 230, 1+A
LB+ALT+3MeHis+Lys+Trp; 0. 757, 250. 365, 1+ALB+AST+ALT+Arg+Phe; 0. 757, 252. 7
99, 1+Lys+AST+gGT+ALB+BUN; 0. 757, 250. 094, 1+Arg+Lys+ALT+AST+ALB; 0. 757, 25
1. 320, 1+ALB+ALT+Thr+Lys+Ile; 0. 757, 253. 154, 1+ALB+AST+Orn+Lys+Trp; 0. 757

, 253.691, 1+Gly+Lys+TCHO+ALB+BUN; 0.757, 250.318, 1+Trp+Lys+TCHO+ALT+ALB;
0.757, 253.389, 1+ALB+BUN+NEFA+3MeHis+Phe; 0.757, 250.979, 1+ALB+BUN+AST+A
LT+Orn; 0.757, 252.438, 1+Ala+Trp+ALT+ALB+Ca; 0.757, 251.994, 1+Ala+Gly+ALT
+ALB+BUN; 0.757, 250.833, 1+ALB+ALT+NEFA+Lys+Trp; 0.757, 252.682, 1+ALB+BUN
+AST+Orn+Lys; 0.757, 251.530, 1+ALB+AST+Asp+Lys+Trp; 0.756, 254.231, 1+ALB+
Ca+gGT+BHBA+Asn; 0.756, 254.026, 1+Gly+BCAA+Lys+ALB+BUN; 0.756, 249.371, 1+
ALB+ALT+Asp+Orn+Lys; 0.756, 253.053, 1+ALB+AST+NEFA+Arg+Lys; 0.756, 252.39
6, 1+Trp+TCHO+ALB+BUN+TP; 0.756, 254.118, 1+Gly+Lys+Glc+ALB+BUN; 0.756, 256
.211, 1+Ala+Gly+Arg+TG+ALB; 0.756, 253.140, 1+ALB+BUN+NEFA+Lys+Val; 0.756,
253.547, 1+ALB+BUN+Arg+Lys+Ile; 0.756, 250.656, 1+Ala+Arg+Lys+ALT+ALB; 0.7
56, 251.658, 1+ALB+ALT+NEFA+3MeHis+Phe; 0.756, 250.886, 1+ALB+AST+ALT+NEFA
+Lys; 0.756, 253.286, 1+ALB+AST+NEFA+His+Lys; 0.756, 253.585, 1+ALB+BUN+Arg
+Lys+Phe; 0.756, 251.561, 1+Trp+ALT+AST+ALB+TP; 0.756, 251.596, 1+ALB+ALT+O
rn+Val+Trp; 0.756, 250.840, 1+ALB+ALT+Lys+Val+Trp; 0.756, 251.248, 1+ALB+BU
N+ALT+His+Orn; 0.756, 251.713, 1+Gly+Lys+TG+ALT+ALB; 0.756, 251.556, 1+Gly+
Lys+Thr+ALT+ALB; 0.756, 252.655, 1+ALB+BUN+AST+BHBA+Lys; 0.756, 252.864, 1+
ALB+BUN+AST+Lys+Tyr; 0.756, 253.476, 1+ALB+AST+Orn+Tyr+Trp; 0.756, 252.712
, 1+ALB+AST+NEFA+Lys+Trp; 0.756, 253.152, 1+ALB+BUN+NEFA+BHBA+Lys; 0.756, 2
51.537, 1+ALB+BUN+ALT+Orn+Ile; 0.756, 251.580, 1+ALB+BUN+ALT+Glc+Orn; 0.75
6, 251.222, 1+Gly+Arg+TG+ALT+ALB; 0.756, 251.266, 1+ALB+AST+ALT+Lys+Ile; 0.
756, 253.170, 1+ALB+BUN+BHBA+His+Lys; 0.756, 250.745, 1+ALB+ALT+His+Orn+Ly
s; 0.756, 250.853, 1+Trp+Lys+Glc+ALT+ALB; 0.756, 252.515, 1+Arg+Lys+AST+ALB
+BUN; 0.756, 251.552, 1+BCAA+Lys+ALT+AST+ALB; 0.756, 252.915, 1+Ala+TG+ALT+
ALB+BUN; 0.756, 253.092, 1+ALB+BUN+Orn+Val+Trp; 0.756, 253.162, 1+ALB+BUN+N
EFA+T-BIL+Lys; 0.756, 249.453, 1+ALB+ALT+Asp+Lys+Tyr; 0.756, 253.013, 1+Lys
+TG+AST+ALB+BUN; 0.756, 251.924, 1+Ala+Arg+ALT+gGT+ALB; 0.756, 253.458, 1+A
LB+BUN+NEFA+Orn+Phe; 0.756, 250.628, 1+ALB+BUN+Asp+Orn+Trp; 0.756, 251.844
, 1+Ala+BCAA+Lys+ALT+ALB; 0.756, 250.140, 1+ALB+ALT+His+Arg+Thr; 0.756, 251

. 746, 1+Thr+TG+ALT+ALB+BUN; 0.756, 251.288, 1+ALB+AST+ALT+T-BIL+Lys; 0.756, 253.543, 1+Gly+Arg+Lys+ALB+BUN; 0.756, 250.873, 1+ALB+AST+ALT+Arg+Orn; 0.756, 251.353, 1+ALB+ALT+NEFA+Lys+Ile; 0.756, 251.721, 1+ALB+BUN+ALT+Thr+Ile; 0.756, 251.727, 1+Gly+Lys+Glc+ALT+ALB; 0.756, 252.472, 1+ALB+AST+3MeHis+Arg+Lys; 0.756, 253.008, 1+ALB+AST+Arg+Orn+Trp; 0.756, 252.472, 1+ALB+BUN+AST+His+Lys; 0.756, 254.024, 1+ALB+AST+NEFA+Lys+Tyr; 0.756, 251.179, 1+Gly+Lys+TCHO+ALT+ALB; 0.756, 252.415, 1+Ala+ALT+ALB+BUN+BHBA; 0.756, 253.341, 1+ALB+BUN+T-BIL+Thr+Lys; 0.756, 253.371, 1+ALB+BUN+T-BIL+Orn+Lys; 0.756, 248.452, 1+ALB+BUN+ALT+Asp+Val; 0.756, 252.490, 1+ALB+ALT+NEFA+Tyr+Phe; 0.756, 254.455, 1+ALB+AST+Arg+Lys+Ile; 0.756, 252.992, 1+ALB+BUN+AST+Lys+Val; 0.756, 251.265, 1+ALB+AST+ALT+His+Lys; 0.756, 254.319, 1+ALB+BUN+gGT+Lys+Ile; 0.756, 251.524, 1+ALB+ALT+NEFA+Orn+Lys; 0.756, 251.747, 1+Thr+ALT+gGT+ALB+BUN; 0.756, 251.747, 1+ALB+BUN+ALT+gGT+Thr; 0.756, 251.824, 1+ALB+ALT+3MeHis+Tyr+Phe; 0.756, 253.006, 1+Lys+Glc+AST+ALB+BUN; 0.756, 253.360, 1+ALB+AST+Orn+Phe+Trp; 0.756, 254.023, 1+ALB+AST+NEFA+BHBA+Lys; 0.756, 252.730, 1+Lys+TCHO+AST+ALB+BUN; 0.756, 252.713, 1+Ala+ALT+ALB+BUN+Ca; 0.756, 250.655, 1+ALB+BUN+Arg+Asp+Trp; 0.756, 251.862, 1+Ala+Lys+ALT+gGT+ALB; 0.756, 250.778, 1+ALB+ALT+Arg+Orn+Lys; 0.756, 250.844, 1+Trp+Lys+ALT+gGT+ALB; 0.756, 253.119, 1+ALB+BUN+Ca+NEFA+Lys; 0.756, 252.915, 1+Ala+ALT+ALB+BUN+TP; 0.756, 251.161, 1+ALB+BUN+ALT+3MeHis+Orn; 0.756, 252.506, 1+Gly+Trp+Arg+ALB+BUN; 0.756, 251.862, 1+Ala+Lys+TG+ALT+ALB; 0.756, 250.208, 1+Gly+Arg+Lys+ALT+ALB; 0.756, 250.791, 1+ALB+ALT+Arg+Lys+Tyr; 0.756, 251.708, 1+Gly+BCAA+Lys+ALT+ALB; 0.756, 251.825, 1+ALB+ALT+3MeHis+Val+Phe; 0.756, 251.169, 1+ALB+ALT+NEFA+His+Lys; 0.756, 251.516, 1+ALB+AST+ALT+Arg+Ile; 0.756, 251.583, 1+ALB+BUN+ALT+NEFA+Orn; 0.756, 251.331, 1+Ala+Lys+TCHO+ALT+ALB; 0.756, 252.697, 1+Trp+gGT+ALB+BUN+TP; 0.756, 252.895, 1+ALB+BUN+NEFA+Arg+Lys; 0.756, 249.432, 1+ALB+ALT+Asp+Lys+Val; 0.756, 252.993, 1+Ala+Trp+Arg+AST+ALB; 0.756, 253.962, 1+ALB+AST+NEFA+Orn+Phe; 0.756, 253.791, 1+ALB+AST+Lys+Tyr+Trp; 0.756

, 253.999, 1+ALB+AST+NEFA+T-BIL+Lys; 0.756, 255.386, 1+Ala+Gly+Lys+TCHO+ALB; 0.756, 251.347, 1+ALB+BUN+Ca+ALT+Orn; 0.756, 251.618, 1+ALB+ALT+Thr+Orn+Lys; 0.755, 248.473, 1+ALB+ALT+3MeHis+Arg+Asp; 0.755, 251.858, 1+Ala+Lys+Glc+ALT+ALB; 0.755, 250.650, 1+BCAA+Arg+Lys+ALT+ALB; 0.755, 251.703, 1+Gly+Lys+ALT+gGT+ALB; 0.755, 251.788, 1+Ala+Lys+Thr+ALT+ALB; 0.755, 251.555, 1+Lys+TG+ALT+AST+ALB; 0.755, 254.004, 1+ALB+AST+NEFA+Lys+Val; 0.755, 253.487, 1+ALB+BUN+Ca+His+Lys; 0.755, 253.408, 1+ALB+BUN+T-BIL+BHBA+Lys; 0.755, 251.564, 1+ALB+BUN+ALT+T-BIL+Orn; 0.755, 248.774, 1+ALB+AST+ALT+Asp+Lys; 0.755, 250.622, 1+ALB+ALT+NEFA+Arg+Lys; 0.755, 250.878, 1+Trp+Lys+Thr+ALT+ALB; 0.755, 251.695, 1+ALB+BUN+ALT+NEFA+Thr; 0.755, 253.346, 1+ALB+AST+Arg+Tyr+Trp; 0.755, 253.408, 1+ALB+BUN+gGT+T-BIL+Lys; 0.755, 252.534, 1+ALB+BUN+3MeHis+Orn+Trp; 0.755, 255.123, 1+Ala+BCAA+Trp+Lys+ALB; 0.755, 250.741, 1+ALB+BUN+ALT+Orn+Tyr; 0.755, 251.302, 1+ALB+BUN+ALT+Orn+Val; 0.755, 251.145, 1+ALB+AST+ALT+NEFA+Arg; 0.755, 251.340, 1+ALB+ALT+Arg+Thr+Orn; 0.755, 251.367, 1+ALB+AST+ALT+BHBA+Lys; 0.755, 252.771, 1+Ala+Glc+ALT+ALB+BUN; 0.755, 254.169, 1+ALB+BUN+Thr+Orn+Lys; 0.755, 251.566, 1+ALB+ALT+NEFA+Orn+Trp; 0.755, 253.962, 1+BCAA+Arg+Lys+ALB+BUN; 0.755, 250.885, 1+ALB+BUN+Asp+Val+Trp; 0.755, 251.556, 1+BCAA+Thr+ALT+ALB+BUN; 0.755, 251.531, 1+ALB+ALT+BHBA+His+Lys; 0.755, 251.554, 1+Lys+Glc+ALT+AST+ALB; 0.755, 253.984, 1+ALB+AST+NEFA+Thr+Lys; 0.755, 252.928, 1+ALB+BUN+Ca+AST+Lys; 0.755, 252.576, 1+Ala+TCHO+ALT+ALB+BUN; 0.755, 250.747, 1+Arg+Thr+ALT+AST+ALB; 0.755, 251.571, 1+ALB+AST+ALT+BHBA+Arg; 0.755, 254.326, 1+Lys+Thr+Glc+ALB+BUN; 0.755, 251.480, 1+ALB+ALT+Arg+Orn+Ile; 0.755, 251.426, 1+Ala+Arg+Thr+ALT+ALB; 0.755, 251.714, 1+ALB+ALT+T-BIL+Lys+Ile; 0.755, 254.843, 1+ALB+AST+T-BIL+Lys+Ile; 0.755, 250.879, 1+Lys+TCHO+ALT+AST+ALB; 0.755, 251.924, 1+ALB+BUN+3MeHis+Arg+Trp; 0.755, 250.804, 1+ALB+ALT+T-BIL+Arg+Lys; 0.755, 251.513, 1+ALB+ALT+T-BIL+His+Lys; 0.755, 254.002, 1+ALB+AST+NEFA+Glc+Lys; 0.755, 254.770, 1+Gly+Arg+TG+AST+ALB; 0.755, 251.927, 1+Ala+BCAA+Arg+ALT+ALB; 0.755, 252.749, 1+ALB+BUN+A

rg+Orn+Trp;0.755,250.723,1+Arg+Lys+Thr+ALT+ALB;0.755,251.656,1+ALB+BU
N+ALT+BHBA+Thr;0.755,251.726,1+ALB+AST+Asp+Orn+Trp;0.755,251.602,1+Al
a+Arg+TCHO+ALT+ALB;0.755,252.886,1+Ala+ALT+gGT+ALB+BUN;0.755,254.051,
1+ALB+BUN+BHBA+Thr+Lys;0.755,254.303,1+ALB+BUN+Glc+Orn+Lys;0.755,251.
987,1+Ala+Arg+Glc+ALT+ALB;0.755,252.933,1+Trp+Arg+TG+ALB+BUN;0.755,25
1.688,1+ALB+ALT+T-BIL+Orn+Lys;0.755,250.867,1+Trp+Lys+TG+ALT+ALB;0.75
5,253.853,1+Ala+Gly+Thr+ALT+ALB;0.755,251.500,1+BCAA+Arg+Thr+ALT+ALB;
0.755,255.339,1+ALB+AST+BHBA+Orn+Lys;0.755,253.407,1+ALB+BUN+T-BIL+Gl
c+Lys;0.755,254.518,1+Lys+Glc+gGT+ALB+BUN;0.755,254.538,1+ALB+BUN+Orn
+Tyr+Phe;0.755,254.307,1+ALB+BUN+Glc+Lys+Ile;0.755,250.733,1+ALB+ALT+
3MeHis+Arg+Orn;0.755,250.272,1+ALB+ALT+Arg+Asp+Orn;0.755,251.794,1+AL
B+ALT+NEFA+BHBA+Lys;0.755,250.808,1+Arg+Lys+Glc+ALT+ALB;0.755,251.709
,1+ALB+ALT+NEFA+Thr+Lys;0.755,254.502,1+ALB+AST+NEFA+His+Orn;0.755,25
2.576,1+Trp+ALB+BUN+TP+Ca;0.755,250.231,1+ALB+AST+ALT+3MeHis+Arg;0.75
5,254.048,1+ALB+BUN+BHBA+Lys+Ile;0.755,251.696,1+Thr+Glc+ALT+ALB+BUN;
0.755,251.688,1+ALB+BUN+ALT+T-BIL+Thr;0.755,252.338,1+ALB+AST+3MeHis+
Lys+Trp;0.755,251.517,1+ALB+AST+ALT+T-BIL+Arg;0.755,251.588,1+Arg+ALT
+AST+gGT+ALB;0.755,254.482,1+Gly+BCAA+Trp+Lys+ALB;0.755,251.873,1+Ala
+Arg+TG+ALT+ALB;0.755,251.582,1+Gly+Arg+Glc+ALT+ALB;0.755,253.767,1+T
rp+Lys+Thr+AST+ALB;0.755,251.331,1+ALB+Ca+AST+ALT+Arg;0.755,250.069,1
+ALB+ALT+NEFA+Asp+Phe;0.755,251.558,1+ALB+ALT+Orn+Tyr+Trp;0.755,250.8
77,1+ALB+ALT+Lys+Tyr+Trp;0.755,251.518,1+Arg+Thr+ALT+gGT+ALB;0.755,25
1.518,1+ALB+ALT+gGT+Arg+Thr;0.755,254.527,1+ALB+AST+T-BIL+Orn+Lys;0.7
55,251.511,1+ALB+Ca+AST+ALT+Lys;0.755,254.142,1+Arg+Lys+TG+ALB+BUN;0.
755,251.694,1+ALB+ALT+gGT+Orn+Lys;0.755,251.585,1+Gly+Arg+ALT+gGT+ALB
;0.755,255.449,1+ALB+AST+Orn+Lys+Val;0.755,254.070,1+ALB+AST+NEFA+Arg
+Orn;0.755,251.171,1+Arg+TCHO+ALT+AST+ALB;0.755,254.304,1+Lys+Thr+TG+
ALB+BUN;0.755,254.524,1+ALB+BUN+Orn+Val+Phe;0.755,253.977,1+ALB+BUN+A

rg+Thr+Lys;0.755, 251.858, 1+ALB+ALT+Glc+Lys+Ile;0.755, 251.543, 1+ALB+ALT+BHBA+Arg+Thr;0.755, 255.105, 1+ALB+AST+T-BIL+His+Orn;0.754, 256.886, 1+ALB+NEFA+Orn+Tyr+Phe;0.754, 254.067, 1+ALB+BUN+BHBA+Orn+Lys;0.754, 252.926, 1+ALB+BUN+Arg+Tyr+Trp;0.754, 251.799, 1+ALB+ALT+NEFA+Lys+Val;0.754, 250.807, 1+ALB+ALT+gGT+Arg+Lys;0.754, 251.473, 1+ALB+ALT+NEFA+Arg+Thr;0.754, 251.533, 1+ALB+ALT+Glc+Arg+Thr;0.754, 251.944, 1+ALB+ALT+BHBA+Thr+Lys;0.754, 252.536, 1+ALB+AST+3MeHis+Orn+Trp;0.754, 253.774, 1+ALB+AST+Lys+Val+Trp;0.754, 253.818, 1+ALB+AST+Lys+Phe+Trp;0.754, 251.409, 1+ALB+AST+ALT+gGT+Lys;0.754, 252.737, 1+ALB+AST+NEFA+Arg+Trp;0.754, 254.365, 1+Ala+Trp+AST+ALB+BHBA;0.754, 254.811, 1+ALB+AST+NEFA+Thr+Orn;0.754, 253.996, 1+ALB+Ca+AST+NEFA+Lys;0.754, 254.091, 1+ALB+BUN+Arg+Orn+Lys;0.754, 251.309, 1+ALB+ALT+3MeHis+Orn+Trp;0.754, 254.142, 1+ALB+BUN+Arg+Lys+Val;0.754, 251.668, 1+ALB+ALT+BHBA+Orn+Lys;0.754, 250.765, 1+ALB+BUN+NEFA+Asp+Trp;0.754, 250.790, 1+ALB+ALT+BHBA+Arg+Lys;0.754, 251.838, 1+ALB+ALT+gGT+Lys+Ile;0.754, 251.503, 1+ALB+AST+ALT+Lys+Val;0.754, 253.344, 1+ALB+AST+NEFA+Asp+Orn;0.754, 251.550, 1+ALB+AST+ALT+Glc+Arg;0.754, 254.314, 1+ALB+BUN+Orn+Lys+Val;0.754, 253.673, 1+ALB+AST+NEFA+Lys+Phe;0.754, 251.633, 1+ALB+ALT+His+Lys+Ile;0.754, 251.973, 1+ALB+ALT+T-BIL+Thr+Lys;0.754, 254.441, 1+Ala+BCCA+Trp+AST+ALB;0.754, 253.192, 1+ALB+BUN+T-BIL+Arg+Lys;0.754, 251.783, 1+ALB+ALT+NEFA+Glc+Lys;0.754, 250.808, 1+ALB+ALT+Arg+Lys+Val;0.754, 254.316, 1+ALB+AST+T-BIL+Arg+Lys;0.754, 251.532, 1+ALB+BUN+ALT+His+Thr;0.754, 251.372, 1+ALB+AST+ALT+Thr+Lys;0.754, 255.371, 1+ALB+AST+NEFA+Orn+Ile;0.754, 255.774, 1+ALB+AST+Thr+Orn+Ile;0.754, 251.636, 1+ALB+Ca+ALT+Orn+Lys;0.754, 251.701, 1+ALB+ALT+Orn+Lys+Val;0.754, 253.331, 1+ALB+AST+3MeHis+Orn+Lys;0.754, 251.777, 1+ALB+ALT+BHBA+Lys+Ile;0.754, 252.562, 1+ALB+ALT+Thr+Orn+Ile;0.754, 253.094, 1+ALB+AST+Arg+Lys+Trp;0.754, 253.314, 1+ALB+BUN+Ca+T-BIL+Lys;0.754, 251.686, 1+ALB+BUN+Ca+ALT+Thr;0.754, 250.851, 1+ALB+3MeHis+Asp+Lys+Trp;0.754, 25

1. 376, 1+ALB+3MeHis+Arg+Asp+Lys; 0.754, 251.043, 1+ALB+ALT+NEFA+3MeHis+Arg; 0.754, 251.535, 1+ALB+BUN+ALT+BHBA+Orn; 0.754, 251.697, 1+ALB+ALT+Glc+Orn+Lys; 0.754, 249.916, 1+ALB+AST+ALT+Arg+Asp; 0.754, 251.528, 1+ALB+ALT+T-BIL+Arg+Thr; 0.754, 252.611, 1+ALB+BUN+AST+3MeHis+Phe; 0.754, 255.248, 1+ALB+AST+Orn+Lys+Phe; 0.754, 252.512, 1+ALB+BUN+AST+NEFA+Phe; 0.754, 251.943, 1+ALB+Ca+ALT+Arg+Ile; 0.754, 251.760, 1+ALB+Ca+ALT+NEFA+Lys; 0.754, 254.223, 1+ALB+BUN+Ca+Thr+Lys; 0.754, 254.323, 1+ALB+BUN+gGT+Thr+Lys; 0.754, 254.384, 1+ALB+BUN+Lys+Tyr+Val; 0.754, 254.468, 1+ALB+BUN+NEFA+Tyr+Phe; 0.754, 254.315, 1+ALB+BUN+gGT+Orn+Lys; 0.754, 250.174, 1+ALB+ALT+Arg+Asp+Val; 0.754, 254.323, 1+ALB+3MeHis+Lys+Val+Trp; 0.754, 251.622, 1+ALB+ALT+Orn+Lys+Tyr; 0.754, 251.984, 1+ALB+ALT+Glc+Thr+Lys; 0.754, 254.451, 1+Ala+Trp+TG+AST+ALB; 0.754, 250.699, 1+ALB+Ca+ALT+Arg+Lys; 0.754, 251.547, 1+ALB+Ca+ALT+Arg+Orn; 0.754, 254.399, 1+ALB+BUN+Ca+gGT+Lys; 0.754, 254.241, 1+ALB+BUN+Orn+Lys+Tyr; 0.754, 251.740, 1+ALB+ALT+Glc+His+Lys; 0.754, 251.962, 1+ALB+AST+ALT+3MeHis+Orn; 0.754, 255.449, 1+ALB+AST+Glc+Orn+Lys; 0.754, 252.095, 1+ALB+ALT+NEFA+Arg+Ile; 0.754, 256.009, 1+ALB+AST+Glc+His+Orn; 0.754, 255.793, 1+ALB+Ca+AST+His+Orn; 0.754, 252.683, 1+ALB+BUN+3MeHis+Arg+Phe; 0.754, 249.268, 1+ALB+AST+ALT+Asp+Trp; 0.754, 252.788, 1+ALB+BUN+NEFA+Arg+Trp; 0.754, 252.973, 1+ALB+BUN+Arg+Val+Trp; 0.754, 253.079, 1+ALB+BUN+NEFA+Orn+Trp; 0.754, 251.774, 1+ALB+ALT+gGT+NEFA+Lys; 0.754, 254.120, 1+ALB+BUN+3MeHis+Val+Phe; 0.754, 254.752, 1+ALB+NEFA+Arg+Lys+Ile; 0.754, 253.719, 1+ALB+AST+3MeHis+Lys+Phe; 0.754, 254.396, 1+ALB+BUN+Ca+Glc+Lys; 0.754, 251.292, 1+ALB+AST+ALT+His+Arg; 0.754, 251.786, 1+ALB+AST+ALT+NEFA+Phe; 0.754, 252.437, 1+ALB+ALT+NEFA+Val+Phe; 0.754, 252.202, 1+ALB+AST+ALT+His+Orn; 0.754, 253.146, 1+ALB+BUN+Orn+Tyr+Trp; 0.754, 251.719, 1+ALB+ALT+NEFA+Arg+Orn; 0.754, 255.426, 1+ALB+AST+Arg+Orn+Ile; 0.754, 251.981, 1+ALB+Ca+ALT+Thr+Lys; 0.754, 250.900, 1+ALB+BUN+Asp+Tyr+Trp; 0.754, 251.773, 1+ALB+ALT+Glc+Arg+Orn; 0.754, 252.071, 1+ALB+ALT+T-BIL+Glc+Lys; 0.754, 252.079, 1+ALB+ALT+gGT+T-BIL+Lys

;0.754, 254.112, 1+ALB+BUN+Glc+Arg+Lys;0.754, 254.488, 1+ALB+AST+T-BIL+His+Lys;0.753, 251.542, 1+ALB+AST+ALT+Arg+Tyr;0.753, 254.135, 1+ALB+BUN+Arg+Lys+Tyr;0.753, 250.506, 1+ALB+ALT+NEFA+Arg+Asp;0.753, 251.708, 1+ALB+ALT+NEFA+T-BIL+Lys;0.753, 252.048, 1+ALB+ALT+gGT+BHBA+Lys;0.753, 251.716, 1+ALB+ALT+NEFA+Lys+Tyr;0.753, 255.430, 1+ALB+AST+Orn+Lys+Tyr;0.753, 254.332, 1+Ala+Trp+AST+gGT+ALB;0.753, 252.714, 1+ALB+BUN+Asp+Orn+Phe;0.753, 251.672, 1+ALB+ALT+Arg+Orn+Val;0.753, 251.865, 1+ALB+AST+ALT+Thr+Orn;0.753, 254.116, 1+ALB+AST+3MeHis+Lys+Val;0.753, 255.350, 1+ALB+AST+NEFA+T-BIL+Orn;0.753, 255.377, 1+ALB+AST+NEFA+Glc+Orn;0.753, 254.177, 1+ALB+BUN+Ca+Orn+Lys;0.753, 251.771, 1+ALB+ALT+BHBA+Arg+Orn;0.753, 251.032, 1+ALB+ALT+3MeHis+Arg+Tyr;0.753, 251.919, 1+ALB+AST+3MeHis+Arg+Trp;0.753, 254.103, 1+ALB+BUN+3MeHis+Tyr+Phe;0.753, 251.450, 1+ALB+AST+ALT+3MeHis+Phe;0.753, 251.251, 1+ALB+ALT+His+Thr+Lys;0.753, 251.796, 1+ALB+Ca+ALT+Lys+Ile;0.753, 252.012, 1+ALB+ALT+gGT+Thr+Lys;0.753, 252.425, 1+Gly+Trp+ALT+ALB+TP;0.753, 254.946, 1+ALB+AST+Arg+Orn+Lys;0.753, 256.100, 1+ALB+AST+T-BIL+Orn+Ile;0.753, 254.174, 1+Trp+AST+ALB+TP+BHBA;0.753, 252.039, 1+ALB+Ca+ALT+gGT+Arg;0.753, 256.678, 1+ALB+Ca+AST+Orn+Ile;0.753, 255.293, 1+ALB+Ca+AST+NEFA+Orn;0.753, 254.179, 1+ALB+BUN+Ca+Lys+Ile;0.753, 252.051, 1+ALB+ALT+T-BIL+BHBA+Lys;0.753, 249.923, 1+ALB+ALT+Asp+Val+Trp;0.753, 251.980, 1+ALB+AST+Arg+Asp+Trp;0.753, 254.131, 1+ALB+BUN+gGT+Arg+Lys;0.753, 252.333, 1+Trp+TG+AST+ALB+BUN;0.753, 256.256, 1+ALB+AST+His+Lys+Ile;0.753, 252.292, 1+ALB+ALT+BHBA+Arg+Ile;0.753, 254.491, 1+ALB+BUN+Arg+Orn+Phe;0.753, 250.351, 1+ALB+AST+ALT+Asp+Orn;0.753, 254.570, 1+ALB+AST+NEFA+3MeHis+Orn;0.753, 255.920, 1+ALB+AST+BHBA+His+Orn;0.753, 254.429, 1+Ala+Trp+Glc+AST+ALB;0.753, 254.438, 1+Trp+Glc+AST+ALB+TP;0.753, 251.545, 1+ALB+Ca+ALT+His+Arg;0.753, 253.451, 1+ALB+BUN+3MeHis+Tyr+Trp;0.753, 251.447, 1+ALB+3MeHis+Asp+Lys+Tyr;0.753, 251.767, 1+ALB+ALT+Arg+Orn+Tyr;0.753, 249.105, 1+ALB+ALT+3MeHis+Asp+Trp;0.753, 252.019, 1+Trp+AST+gGT+ALB+BUN;0.753, 250.942, 1+ALB+

ALT+3MeHis+Arg+Val;0.753, 251.755, 1+ALB+BUN+ALT+Tyr+Val;0.753, 250.364, 1+ALB+ALT+Asp+Val+Phe;0.753, 251.762, 1+ALB+ALT+gGT+Arg+Orn;0.753, 255.293, 1+ALB+AST+gGT+Orn+Lys;0.753, 251.935, 1+ALB+Ca+ALT+NEFA+Arg;0.753, 254.119, 1+Ala+Trp+TCHO+AST+ALB;0.753, 251.683, 1+ALB+Ca+ALT+His+Lys;0.753, 252.243, 1+ALB+ALT+gGT+Arg+Ile;0.753, 253.893, 1+ALB+BUN+BHBA+Arg+Lys;0.753, 254.200, 1+ALB+BUN+gGT+BHBA+Lys;0.753, 248.980, 1+ALB+BUN+ALT+Asp+Tyr;0.753, 252.831, 1+ALB+ALT+NEFA+Thr+Orn;0.753, 253.851, 1+ALB+BUN+AST+NEFA+Orn;0.753, 255.336, 1+ALB+AST+NEFA+BHBA+Orn;0.753, 255.379, 1+ALB+AST+Thr+Orn+Lys;0.753, 251.602, 1+ALB+ALT+NEFA+His+Arg;0.753, 251.831, 1+ALB+ALT+NEFA+Arg+Val;0.753, 250.917, 1+ALB+ALT+Asp+Orn+Val;0.753, 252.028, 1+ALB+ALT+BHBA+Glc+Lys;0.753, 252.169, 1+ALB+ALT+gGT+Glc+Lys;0.753, 252.195, 1+Trp+AST+ALB+BUN+BHBA;0.753, 253.640, 1+ALB+AST+Arg+Asp+Lys;0.753, 251.870, 1+ALB+BUN+AST+3MeHis+Trp;0.753, 252.051, 1+Gly+Trp+AST+ALB+BUN;0.753, 255.632, 1+ALB+AST+T-BIL+Thr+Orn;0.753, 253.973, 1+ALB+BUN+Ca+Arg+Lys;0.753, 251.521, 1+ALB+3MeHis+Asp+Lys+Phe;0.753, 252.958, 1+ALB+ALT+NEFA+His+Orn;0.753, 251.729, 1+ALB+ALT+gGT+His+Lys;0.753, 254.381, 1+ALB+NEFA+His+Orn+Lys;0.753, 252.394, 1+ALB+AST+ALT+NEFA+Orn;0.753, 253.663, 1+ALB+AST+3MeHis+Orn+Phe;0.753, 252.262, 1+ALB+ALT+Glc+Arg+Ile;0.753, 252.292, 1+ALB+ALT+T-BIL+Arg+Ile;0.753, 254.200, 1+ALB+BUN+BHBA+Glc+Lys;0.753, 251.764, 1+ALB+ALT+T-BIL+Arg+Orn;0.753, 251.179, 1+ALB+AST+ALT+Arg+Val;0.753, 253.984, 1+ALB+BUN+AST+T-BIL+Orn;0.753, 256.002, 1+ALB+AST+T-BIL+BHBA+Orn;0.753, 251.966, 1+ALB+BUN+NEFA+Asp+Phe;0.753, 251.969, 1+ALB+ALT+Lys+Tyr+Val;0.753, 254.365, 1+BCCA+Trp+AST+ALB+TP;0.753, 255.387, 1+ALB+Ca+AST+Orn+Lys;0.753, 254.410, 1+Ala+Trp+AST+ALB+Ca;0.752, 251.328, 1+ALB+3MeHis+Asp+Lys+Val;0.752, 251.390, 1+ALB+BUN+AST+ALT+Thr;0.752, 253.657, 1+Trp+AST+ALB+TP+NEFA;0.752, 252.040, 1+ALB+Ca+ALT+T-BIL+Lys;0.752, 252.114, 1+ALB+Ca+ALT+Glc+Lys;0.752, 251.912, 1+ALB+ALT+NEFA+T-BIL+Arg;0.752, 250.293, 1+ALB+ALT+NEFA+Asp+Trp;0.752, 252.137, 1+ALB+BUN+AST+Tyr+Trp;0.

752, 255.846, 1+ALB+AST+Orn+Val+Phe;0.752, 256.841, 1+ALB+AST+Glc+Orn+Ile
;0.752, 251.883, 1+ALB+ALT+Arg+Tyr+Val;0.752, 250.234, 1+ALB+ALT+Asp+Tyr+
Trp;0.752, 254.337, 1+ALB+BUN+AST+His+Orn;0.752, 255.030, 1+ALB+AST+T-BIL
+Arg+Orn;0.752, 256.093, 1+ALB+AST+T-BIL+Glc+Orn;0.752, 256.795, 1+ALB+AS
T+BHBA+Orn+Ile;0.752, 252.115, 1+ALB+Ca+ALT+gGT+Lys;0.752, 252.180, 1+ALB
+ALT+NEFA+Glc+Arg;0.752, 252.145, 1+ALB+ALT+NEFA+BHBA+Arg;0.752, 252.854
, 1+ALB+ALT+gGT+Thr+Orn;0.752, 255.842, 1+ALB+AST+Orn+Tyr+Phe;0.752, 256.
039, 1+ALB+AST+Thr+Lys+Ile;0.752, 256.004, 1+ALB+Ca+AST+T-BIL+Orn;0.752,
251.946, 1+Trp+TCHO+ALT+AST+ALB;0.752, 252.611, 1+Ala+ALT+AST+ALB+BUN;0.
752, 252.317, 1+ALB+ALT+gGT+BHBA+Arg;0.752, 249.646, 1+ALB+ALT+3MeHis+Asp
+Orn;0.752, 253.029, 1+ALB+ALT+BHBA+His+Orn;0.752, 255.930, 1+ALB+AST+gGT
+T-BIL+Orn;0.752, 254.413, 1+ALB+AST+His+Arg+Orn;0.752, 252.026, 1+ALB+Ca
+ALT+BHBA+Lys;0.752, 252.163, 1+ALB+ALT+NEFA+Arg+Tyr;0.752, 252.317, 1+AL
B+ALT+gGT+T-BIL+Arg;0.752, 254.292, 1+BCAA+Trp+TG+ALB+BUN;0.752, 255.234
, 1+ALB+T-BIL+His+Orn+Lys;0.752, 252.550, 1+ALB+AST+ALT+T-BIL+Orn;0.752,
253.520, 1+ALB+AST+Asp+Orn+Lys;0.752, 255.961, 1+ALB+AST+BHBA+His+Lys;0.
752, 256.796, 1+ALB+AST+BHBA+Glc+Orn;0.752, 253.569, 1+ALB+AST+gGT+NEFA+L
ys;0.752, 252.072, 1+ALB+Ca+ALT+T-BIL+Arg;0.752, 256.669, 1+ALB+Ca+AST+BH
BA+Orn;0.752, 254.042, 1+ALB+BUN+3MeHis+Arg+Orn;0.752, 254.300, 1+BCAA+Tr
p+gGT+ALB+BUN;0.752, 254.629, 1+ALB+3MeHis+Lys+Tyr+Trp;0.752, 251.862, 1+
ALB+ALT+gGT+His+Arg;0.752, 254.433, 1+ALB+NEFA+3MeHis+Lys+Trp;0.752, 252
.244, 1+ALB+BUN+AST+Val+Trp;0.752, 256.185, 1+ALB+AST+BHBA+Thr+Orn;0.752
, 251.433, 1+ALB+Ca+ALT+Arg+Thr;0.752, 253.727, 1+ALB+3MeHis+Arg+Lys+Trp;
0.752, 254.093, 1+Gly+Trp+TG+ALB+BUN;0.752, 253.032, 1+ALB+ALT+gGT+His+Or
n;0.752, 251.339, 1+ALB+AST+ALT+Lys+Tyr;0.752, 251.884, 1+ALB+ALT+T-BIL+H
is+Arg;0.752, 251.364, 1+ALB+NEFA+3MeHis+Asp+Lys;0.752, 252.156, 1+ALB+AL
T+gGT+NEFA+Arg;0.752, 252.419, 1+ALB+AST+ALT+Orn+Val;0.752, 256.297, 1+AL
B+AST+Glc+His+Lys;0.752, 256.711, 1+ALB+AST+gGT+Orn+Ile;0.752, 254.337, 1

+Ala+Gly+BCAA+ALT+ALB;0.752, 248.631, 1+ALB+BUN+ALT+3MeHis+Asp;0.752, 253.714, 1+ALB+BUN+3MeHis+Val+Trp;0.752, 252.846, 1+ALB+ALT+BHBA+Thr+Orn;0.752, 252.863, 1+Trp+Glc+ALT+ALB+TP;0.752, 252.604, 1+ALB+AST+ALT+Glc+Orn;0.752, 252.878, 1+Trp+ALT+ALB+TP+NEFA;0.752, 252.509, 1+BCAA+Trp+ALT+ALB+TP;0.752, 255.943, 1+ALB+AST+His+Orn+Ile;0.752, 252.072, 1+ALB+Ca+ALT+Glc+Arg;0.752, 252.340, 1+ALB+ALT+T-BIL+Glc+Arg;0.752, 254.507, 1+ALB+3MeHis+Arg+Lys+Val;0.752, 251.876, 1+ALB+ALT+Glc+His+Arg;0.752, 254.523, 1+ALB+3MeHis+Lys+Phe+Trp;0.752, 250.697, 1+ALB+ALT+Arg+Asp+Tyr;0.752, 252.948, 1+ALB+ALT+His+Orn+Ile;0.752, 253.045, 1+Gly+BCAA+Trp+ALT+ALB;0.752, 252.604, 1+ALB+AST+ALT+Orn+Ile;0.752, 253.650, 1+ALB+BUN+AST+3MeHis+Orn;0.752, 254.929, 1+ALB+BUN+AST+Glc+Orn;0.752, 254.390, 1+ALB+AST+His+Arg+Lys;0.752, 255.355, 1+ALB+AST+Arg+Thr+Orn;0.752, 255.230, 1+ALB+AST+T-BIL+Thr+Lys;0.752, 254.448, 1+Trp+TG+AST+ALB+TP;0.752, 256.562, 1+ALB+Ca+AST+gGT+Orn;0.752, 254.110, 1+ALB+BUN+Ca+BHBA+Lys;0.752, 254.543, 1+ALB+BUN+NEFA+Val+Phe;0.752, 254.319, 1+Trp+TG+gGT+ALB+BUN;0.752, 251.604, 1+ALB+3MeHis+Asp+Orn+Lys;0.752, 254.123, 1+Gly+Trp+gGT+ALB+BUN;0.752, 253.938, 1+ALB+BUN+His+Thr+Orn;0.752, 252.367, 1+BCAA+Trp+AST+ALB+BUN;0.752, 255.875, 1+ALB+AST+gGT+His+Orn;0.752, 250.434, 1+ALB+AST+3MeHis+Asp+Trp;0.752, 252.466, 1+ALB+BUN+AST+Asp+Orn;0.752, 254.547, 1+ALB+AST+His+Thr+Orn;0.752, 255.547, 1+ALB+AST+Arg+Thr+Ile;0.752, 252.338, 1+ALB+ALT+BHBA+Glc+Arg;0.752, 253.026, 1+ALB+ALT+T-BIL+His+Orn;0.752, 253.034, 1+ALB+ALT+Glc+His+Orn;0.752, 252.875, 1+ALB+ALT+Tyr+Val+Phe;0.752, 253.568, 1+ALB+BUN+AST+Arg+Phe;0.752, 252.378, 1+Trp+Glc+AST+ALB+BUN;0.752, 252.315, 1+BCAA+Trp+ALT+AST+ALB;0.752, 252.444, 1+ALB+Ca+AST+ALT+Orn;0.752, 254.334, 1+ALB+3MeHis+Orn+Lys+Trp;0.752, 255.525, 1+ALB+3MeHis+Lys+Val+Phe;0.752, 255.885, 1+ALB+Orn+Tyr+Phe+Trp;0.752, 252.052, 1+ALB+AST+ALT+Val+Trp;0.752, 255.314, 1+ALB+AST+NEFA+Orn+Val;0.752, 256.491, 1+ALB+AST+Glc+Lys+Ile;0.752, 254.173, 1+Trp+TCHO+AST+ALB+TP;0.751, 252.297, 1+ALB+ALT+gGT+Glc+Arg;0.751

, 252.857, 1+ALB+ALT+3MeHis+Orn
+Val; 0.751, 254.299, 1+BCAA+Trp+Glc+ALB+BUN; 0.751, 254.318, 1+Trp+Glc+TG+
ALB+BUN; 0.751, 252.880, 1+Trp+TG+ALT+ALB+TP; 0.751, 255.399, 1+ALB+AST+Arg
+Lys+Tyr; 0.751, 255.043, 1+ALB+AST+gGT+NEFA+Orn; 0.751, 254.128, 1+Gly+Trp
+Glc+ALB+BUN; 0.751, 253.961, 1+ALB+BUN+AST+Arg+Orn; 0.751, 256.652, 1+ALB+
AST+gGT+BHBA+Orn; 0.751, 256.720, 1+ALB+AST+gGT+Glc+Orn; 0.751, 252.065, 1+
ALB+Ca+ALT+BHBA+Arg; 0.751, 256.694, 1+ALB+Ca+AST+Glc+Orn; 0.751, 255.558,
1+ALB+Ca+AST+Arg+Orn; 0.751, 255.366, 1+ALB+3MeHis+Orn+Lys+Val; 0.751, 251
.901, 1+ALB+ALT+BHBA+His+Arg; 0.751, 253.704, 1+ALB+BUN+NEFA+Arg+Phe; 0.75
1, 254.034, 1+Gly+Trp+ALB+BUN+BHBA; 0.751, 254.035, 1+ALB+BUN+Tyr+Val+Trp;
0.751, 252.464, 1+ALB+AST+ALT+gGT+Orn; 0.751, 253.354, 1+ALB+AST+3MeHis+Ar
g+Orn; 0.751, 254.236, 1+ALB+AST+NEFA+Arg+Thr; 0.751, 253.150, 1+Trp+Glc+TC
HO+ALT+ALB; 0.751, 254.659, 1+ALB+3MeHis+Arg+Orn+Lys; 0.751, 255.766, 1+ALB
+3MeHis+Lys+Tyr+Phe; 0.751, 255.940, 1+ALB+His+Orn+Lys+Ile; 0.751, 251.203
, 1+ALB+ALT+NEFA+Asp+Orn; 0.751, 253.926, 1+ALB+BUN+AST+Thr+Orn; 0.751, 256
.190, 1+ALB+AST+Glc+Thr+Orn; 0.751, 254.408, 1+Trp+AST+gGT+ALB+TP; 0.751, 2
51.079, 1+ALB+ALT+Asp+Orn+Tyr; 0.751, 252.588, 1+ALB+AST+ALT+BHBA+Orn; 0.7
51, 255.213, 1+ALB+AST+NEFA+Orn+Tyr; 0.751, 255.325, 1+ALB+AST+Arg+Thr+Lys
; 0.751, 256.274, 1+ALB+AST+BHBA+Lys+Ile; 0.751, 256.160, 1+ALB+Ca+AST+Thr+
Orn; 0.751, 252.280, 1+Trp+AST+ALB+BUN+Ca; 0.751, 253.704, 1+ALB+Asp+Lys+Ty
r+Trp; 0.751, 250.167, 1+ALB+AST+ALT+Asp+Phe; 0.751, 252.827, 1+ALB+ALT+T-B
IL+Thr+Orn; 0.751, 251.495, 1+ALB+ALT+His+Thr+Orn; 0.751, 252.126, 1+Trp+AS
T+ALB+BUN+NEFA; 0.751, 254.806, 1+ALB+BUN+AST+BHBA+Orn; 0.751, 255.375, 1+A
LB+AST+Arg+Orn+Phe; 0.751, 252.143, 1+ALB+AST+NEFA+Asp+Trp; 0.751, 255.638
, 1+ALB+3MeHis+Orn+Val+Phe; 0.751, 255.673, 1+ALB+NEFA+Orn+Lys+Ile; 0.751,
254.065, 1+ALB+BUN+NEFA+Val+Trp; 0.751, 255.389, 1+ALB+NEFA+Lys+Tyr+Trp; 0
.751, 252.442, 1+ALB+AST+ALT+Val+Phe; 0.751, 252.846, 1+Trp+ALT+ALB+TP+BHB
A; 0.751, 253.931, 1+ALB+AST+Asp+Lys+Val; 0.751, 256.323, 1+ALB+AST+gGT+Lys

+Ile;0.751,253.249,1+ALB+AST+NEFA+Arg+Asp;0.751,254.023,1+Trp+TCHO+gG
T+ALB+BUN;0.751,254.619,1+ALB+3MeHis+Arg+Lys+Tyr;0.751,256.062,1+ALB+
Glc+His+Orn+Lys;0.751,254.021,1+ALB+AST+Asp+Lys+Tyr;0.751,257.105,1+A
LB+NEFA+Orn+Val+Phe;0.751,252.008,1+ALB+AST+ALT+Tyr+Trp;0.751,254.323
,1+Trp+Glc+gGT+ALB+BUN;0.751,252.760,1+ALB+ALT+Glc+Thr+Orn;0.751,255.
168,1+ALB+NEFA+His+Thr+Lys;0.751,255.420,1+ALB+AST+Glc+Arg+Lys;0.751,
252.766,1+ALB+AST+Asp+Val+Trp;0.751,252.799,1+ALB+Ca+ALT+His+Orn;0.75
1,252.480,1+Trp+TCHO+ALT+ALB+TP;0.751,251.915,1+ALB+ALT+His+Arg+Ile;0
.751,252.989,1+ALB+ALT+NEFA+Val+Trp;0.751,254.196,1+Trp+TG+ALB+BUN+BH
BA;0.751,256.006,1+Ala+Gly+BCAA+ALB+BUN;0.751,252.873,1+Trp+ALT+gGT+A
LB+TP;0.751,253.257,1+BCAA+Trp+ALT+gGT+ALB;0.751,253.873,1+ALB+NEFA+H
is+Arg+Lys;0.751,253.593,1+ALB+AST+Arg+Val+Trp;0.751,255.405,1+ALB+AS
T+Arg+Lys+Phe;0.751,252.772,1+ALB+AST+Asp+Phe+Trp;0.751,252.363,1+ALB
+ALT+T-BIL+BHBA+Arg;0.751,254.122,1+Gly+Trp+ALB+BUN+NEFA;0.751,251.10
1,1+ALB+AST+3MeHis+Arg+Asp;0.751,252.084,1+Trp+TCHO+AST+ALB+BUN;0.751
,254.206,1+Trp+gGT+ALB+BUN+BHBA;0.751,253.693,1+Trp+ALT+gGT+ALB+BHBA;
0.751,255.268,1+ALB+AST+BHBA+Arg+Lys;0.751,253.985,1+BCAA+Trp+TCHO+AL
B+BUN;0.751,254.115,1+Gly+BCAA+Trp+ALB+BUN;0.751,256.743,1+ALB+T-BIL+
Orn+Lys+Ile;0.751,251.767,1+ALB+BUN+ALT+3MeHis+Tyr;0.751,251.633,1+AL
B+AST+3MeHis+Asp+Orn;0.751,252.146,1+Gly+Trp+ALT+AST+ALB;0.751,254.95
6,1+ALB+NEFA+3MeHis+Lys+Phe;0.751,252.850,1+ALB+ALT+3MeHis+Val+Trp;0.
751,254.162,1+Trp+TG+ALB+BUN+NEFA;0.751,252.812,1+ALB+ALT+Tyr+Val+Trp
;0.751,253.233,1+BCAA+Trp+TG+ALT+ALB;0.751,257.370,1+Ala+Gly+BCAA+AST
+ALB;0.751,253.580,1+ALB+AST+Arg+Phe+Trp;0.750,255.683,1+ALB+Orn+Lys+
Tyr+Trp;0.750,252.603,1+Trp+TG+ALT+AST+ALB;0.750,252.101,1+ALB+AST+AL
T+Orn+Tyr;0.750,255.222,1+ALB+AST+T-BIL+BHBA+Lys;0.750,252.969,1+ALB+
ALT+NEFA+3MeHis+Orn;0.750,253.618,1+ALB+BUN+ALT+T-BIL+Ile;0.750,252.6
72,1+ALB+BUN+ALT+NEFA+Val;0.750,254.002,1+ALB+AST+3MeHis+Lys+Tyr;0.75

0, 252.326, 1+ALB+BUN+AST+ALT+Val; 0.750, 253.693, 1+Trp+ALT+gGT+ALB+NEFA;
0.750, 256.337, 1+ALB+AST+BHBA+Thr+Lys; 0.750, 256.257, 1+ALB+Ca+AST+His+Lys;
0.750, 253.169, 1+Trp+TCHO+ALT+gGT+ALB; 0.750, 254.392, 1+Trp+AST+ALB+TP+Ca;
0.750, 252.410, 1+ALB+ALT+3MeHis+Orn+Tyr; 0.750, 253.828, 1+ALB+BUN+NEFA+3MeHis+Trp;
0.750, 254.212, 1+Trp+gGT+ALB+BUN+NEFA; 0.750, 253.396, 1+Gly+Trp+ALT+ALB+BHBA;
0.750, 253.759, 1+ALB+BUN+AST+Arg+Thr; 0.750, 255.180, 1+ALB+AST+T-BIL+Glc+Lys;
0.750, 253.628, 1+ALB+BUN+Asp+Tyr+Phe; 0.750, 252.600, 1+Trp+ALT+AST+ALB+BHBA;
0.750, 253.376, 1+Gly+Trp+Glc+ALT+ALB; 0.750, 256.177, 1+ALB+Lys+Tyr+Phe+Trp;
0.750, 256.632, 1+ALB+T-BIL+Glc+His+Lys; 0.750, 255.104, 1+ALB+AST+3MeHis+Orn+Val;
0.750, 256.125, 1+ALB+AST+gGT+Thr+Orn; 0.750, 252.782, 1+Trp+ALT+ALB+TP+Ca;
0.750, 252.720, 1+BCAA+Trp+TCHO+ALT+ALB; 0.750, 253.359, 1+ALB+BUN+Arg+Asp+Phe;
0.750, 252.567, 1+Trp+ALT+AST+ALB+NEFA; 0.750, 254.193, 1+BCAA+Trp+ALB+BUN+NEFA;
0.750, 255.368, 1+ALB+NEFA+His+Lys+Ile; 0.750, 253.328, 1+ALB+BUN+AST+NEFA+Arg;
0.750, 253.171, 1+Trp+TCHO+ALT+ALB+BHBA; 0.750, 253.172, 1+Trp+TCHO+ALT+ALB+NEFA;
0.750, 254.171, 1+BCAA+Trp+ALB+BUN+BHBA; 0.750, 250.602, 1+ALB+ALT+Asp+Tyr+Phe;
0.750, 254.206, 1+Trp+Glc+ALB+BUN+BHBA; 0.750, 253.680, 1+Trp+TG+ALT+gGT+ALB;
0.750, 255.966, 1+ALB+BHBA+His+Orn+Lys; 0.750, 255.493, 1+ALB+gGT+NEFA+His+Lys;
0.750, 255.701, 1+ALB+AST+BHBA+Arg+Orn; 0.750, 255.720, 1+ALB+AST+Glc+Arg+Orn;
0.750, 255.737, 1+ALB+AST+Arg+Orn+Tyr; 0.750, 252.785, 1+ALB+Ca+ALT+Thr+Orn;
0.750, 255.558, 1+ALB+3MeHis+Orn+Lys+Tyr; 0.750, 255.796, 1+ALB+BUN+Thr+Orn+Ile;
0.750, 254.883, 1+Gly+Trp+TG+AST+ALB; 0.750, 254.023, 1+Trp+TCHO+TG+ALB+BUN;
0.750, 252.476, 1+BCAA+ALT+ALB+BUN+TP; 0.750, 254.027, 1+Trp+Glc+TCHO+ALB+BUN;
0.750, 253.169, 1+Trp+TCHO+TG+ALT+ALB; 0.750, 253.259, 1+BCAA+Trp+Glc+ALT+ALB;
0.750, 252.889, 1+Gly+Trp+TCHO+ALT+ALB; 0.750, 255.757, 1+Ala+BCAA+ALB+BUN+NEFA;
0.750, 252.863, 1+BCAA+TG+ALT+ALB+BUN; 0.750, 256.977, 1+Ala+Trp+TG+ALB+NEFA;
0.750, 254.169, 1+Trp+TG+ALB+BUN+Ca; 0.750, 252.570, 1+Trp+ALT+AST+ALB+Ca;
0.750, 254.216, 1+Trp+Glc+ALB+BU

N+NEFA;0.750, 253.265, 1+BCAA+Trp+ALT+ALB+BHBA;0.750, 253.675, 1+Trp+Glc+ALT+gGT+ALB;0.750, 254.491, 1+Gly+Trp+AST+gGT+ALB;0.750, 252.942, 1+BCAA+ALT+gGT+ALB+BUN;0.750, 253.682, 1+Trp+Glc+ALT+ALB+BHBA;0.749, 252.388, 1+Trp+ALT+AST+gGT+ALB;0.749, 253.707, 1+Trp+ALT+ALB+NEFA+BHBA;0.749, 254.173, 1+Trp+gGT+ALB+BUN+Ca;0.749, 252.623, 1+Trp+Glc+ALT+AST+ALB;0.749, 257.001, 1+Ala+BCAA+Trp+ALB+NEFA;0.749, 253.320, 1+Gly+Trp+TG+ALT+ALB;0.749, 253.687, 1+Trp+Glc+ALT+ALB+NEFA;0.749, 253.689, 1+Trp+TG+ALT+ALB+BHBA;0.749, 252.967, 1+Gly+BCAA+ALT+ALB+BUN;0.749, 253.671, 1+Trp+Glc+TG+ALT+ALB;0.749, 256.885, 1+Ala+Trp+Glc+ALB+NEFA;0.749, 254.853, 1+Gly+Trp+AST+ALB+BHBA;0.749, 254.158, 1+BCAA+Trp+ALB+BUN+Ca;0.749, 253.321, 1+Gly+Trp+ALT+ALB+Ca;0.749, 253.685, 1+Trp+TG+ALT+ALB+NEFA;0.749, 253.277, 1+BCAA+Trp+ALT+ALB+NEFA;0.749, 252.942, 1+BCAA+ALT+ALB+BUN+NEFA;0.749, 254.161, 1+Trp+ALB+BUN+NEFA+BHBA;0.749, 254.323, 1+Ala+AST+ALB+BUN+NEFA;0.749, 253.878, 1+Trp+TCHO+ALB+BUN+NEFA;0.749, 253.807, 1+Gly+Trp+TCHO+ALB+BUN;0.749, 253.087, 1+Trp+TCHO+ALT+ALB+Ca;0.749, 256.298, 1+Ala+Gly+ALB+BUN+NEFA;0.749, 256.205, 1+Ala+Trp+TCHO+ALB+NEFA;0.749, 254.822, 1+Gly+Trp+AST+ALB+NEFA;0.749, 253.989, 1+Gly+Trp+ALB+BUN+Ca;0.749, 253.917, 1+Trp+TCHO+ALB+BUN+BHBA;0.749, 252.572, 1+BCAA+ALT+ALB+BUN+BHBA;0.749, 253.258, 1+Gly+Trp+ALT+ALB+NEFA;0.749, 253.216, 1+BCAA+Trp+ALT+ALB+Ca;0.749, 252.945, 1+BCAA+Glc+ALT+ALB+BUN;0.749, 254.176, 1+Trp+Glc+ALB+BUN+Ca;0.749, 254.907, 1+Gly+Trp+Glc+AST+ALB;0.749, 252.456, 1+BCAA+TCHO+ALT+ALB+BUN;0.749, 254.080, 1+Trp+ALB+BUN+Ca+NEFA;0.748, 254.556, 1+Gly+Trp+TCHO+AST+ALB;0.748, 252.643, 1+BCAA+ALT+AST+ALB+BUN;0.748, 254.857, 1+Gly+BCAA+Trp+AST+ALB;0.748, 254.971, 1+Ala+Gly+AST+ALB+BUN;0.748, 255.329, 1+Ala+Gly+ALT+AST+ALB;0.748, 257.451, 1+Ala+BCAA+Trp+Glc+ALB;0.747, 256.771, 1+Ala+Trp+Glc+TCHO+ALB;0.747, 257.042, 1+Ala+Gly+Glc+ALB+BUN;0.747, 257.426, 1+Ala+Trp+Glc+TG+ALB;0.746, 256.868, 1+Ala+BCAA+Trp+TCHO+ALB;0.746, 257.484, 1+Ala+BCAA+Trp+TG+ALB;0.746, 256.855, 1+Ala+Trp+TCHO+TG+ALB;0.746, 254.535, 1+Ala

+BCAA+TCHO+ALT+ALB;0.746, 257.358, 1+Ala+Trp+Glc+gGT+ALB;0.745, 257.137, 1+Ala+Gly+TG+ALB+BUN;0.745, 255.111, 1+Ala+BCAA+ALT+gGT+ALB;0.745, 254.487, 1+Ala+BCAA+ALT+AST+ALB;0.745, 255.107, 1+Ala+BCAA+TG+ALT+ALB;0.745, 255.118, 1+Ala+BCAA+Glc+ALT+ALB;0.745, 257.425, 1+Ala+BCAA+Trp+gGT+ALB;0.745, 256.835, 1+Ala+Trp+TCHO+gGT+ALB;0.745, 255.824, 1+BCAA+Trp+Glc+AST+ALB;0.745, 255.840, 1+BCAA+Trp+TG+AST+ALB;0.745, 255.695, 1+Trp+TG+AST+gGT+ALB;0.744, 255.453, 1+Ala+BCAA+AST+ALB+BUN;0.744, 257.412, 1+Ala+Trp+TG+gGT+ALB;0.744, 255.462, 1+BCAA+Trp+TCHO+AST+ALB;0.744, 255.581, 1+BCAA+Trp+AST+gGT+ALB;0.744, 255.698, 1+Trp+Glc+AST+gGT+ALB;0.744, 255.943, 1+Trp+Glc+TG+AST+ALB;0.744, 255.584, 1+Trp+TCHO+TG+AST+ALB;0.744, 257.216, 1+Ala+BCAA+Glc+ALB+BUN;0.744, 255.366, 1+Trp+TCHO+AST+gGT+ALB;0.744, 256.951, 1+Ala+Gly+gGT+ALB+BUN;0.744, 257.260, 1+Ala+BCAA+TG+ALB+BUN;0.744, 254.943, 1+Gly+BCAA+ALT+AST+ALB;0.744, 259.063, 1+Ala+Gly+Glc+AST+ALB;0.743, 260.493, 1+Ala+Gly+BCAA+Glc+ALB;0.743, 259.080, 1+Ala+Gly+TG+AST+ALB;0.743, 256.208, 1+Ala+Gly+TCHO+ALB+BUN;0.743, 255.573, 1+Trp+Glc+TCHO+AST+ALB;0.743, 260.492, 1+Ala+Gly+BCAA+TG+ALB;0.743, 256.348, 1+Ala+Gly+TG+ALT+ALB;0.743, 257.886, 1+Gly+BCAA+Trp+Glc+ALB;0.743, 255.588, 1+Gly+BCAA+TG+ALT+ALB;0.743, 256.560, 1+Ala+BCAA+TCHO+ALB+BUN;0.743, 255.004, 1+Gly+BCAA+TCHO+ALT+ALB;0.743, 256.370, 1+Ala+Gly+Glc+ALT+ALB;0.742, 255.641, 1+Gly+BCAA+Glc+ALT+ALB;0.742, 255.633, 1+Gly+BCAA+ALT+gGT+ALB;0.742, 259.075, 1+Ala+Gly+AST+gGT+ALB;0.742, 256.325, 1+Ala+Gly+ALT+gGT+ALB;0.742, 257.921, 1+Gly+BCAA+Trp+TG+ALB;0.742, 257.116, 1+Ala+BCAA+gGT+ALB+BUN;0.741, 257.922, 1+Gly+BCAA+Trp+gGT+ALB;0.741, 254.591, 1+BCAA+TCHO+ALT+AST+ALB;0.741, 255.896, 1+Ala+Gly+TCHO+ALT+ALB;0.741, 255.184, 1+BCAA+ALT+AST+gGT+ALB;0.741, 255.279, 1+BCAA+Glc+ALT+AST+ALB;0.741, 255.840, 1+BCAA+TG+ALT+gGT+ALB;0.741, 255.262, 1+BCAA+TG+ALT+AST+ALB;0.741, 255.201, 1+BCAA+TCHO+TG+ALT+ALB;0.741, 255.841, 1+BCAA+Glc+TG+ALT+ALB;0.741, 255.203, 1+BCAA+TCHO+ALT+gGT+ALB;0.741, 260.354, 1+Ala+Gly+BCAA+gGT+ALB;0.740, 255.203

, 1+BCAA+Glc+TCHO+ALT+ALB;0.740, 255.851, 1+BCAA+Glc+ALT+gGT+ALB;0.740, 257.322, 1+Ala+Glc+AST+ALB+BUN;0.740, 259.049, 1+Ala+Gly+BCAA+TCHO+ALB;0.740, 258.001, 1+Gly+Trp+Glc+TG+ALB;0.739, 258.038, 1+Gly+Trp+TG+gGT+ALB;0.739, 258.434, 1+Ala+Gly+TCHO+AST+ALB;0.739, 258.000, 1+Gly+Trp+Glc+gGT+ALB;0.738, 257.594, 1+Ala+ALT+AST+gGT+ALB;0.738, 259.684, 1+Gly+BCAA+AST+gGT+ALB;0.738, 259.876, 1+Gly+BCAA+TG+AST+ALB;0.738, 257.266, 1+Gly+BCAA+Trp+TCHO+ALB;0.738, 257.564, 1+Ala+Glc+ALT+AST+ALB;0.738, 259.877, 1+Gly+BCAA+Glc+AST+ALB;0.738, 257.455, 1+Ala+AST+gGT+ALB+BUN;0.738, 257.301, 1+Gly+BCAA+AST+ALB+BUN;0.738, 257.560, 1+BCAA+AST+gGT+ALB+BUN;0.738, 257.440, 1+Gly+Trp+TCHO+gGT+ALB;0.738, 257.370, 1+Gly+Trp+Glc+TCHO+ALB;0.738, 257.558, 1+Ala+TG+ALT+AST+ALB;0.737, 257.106, 1+Ala+TCHO+AST+ALB+BUN;0.737, 258.542, 1+Ala+Glc+TCHO+ALB+BUN;0.737, 257.443, 1+Gly+Trp+TCHO+TG+ALB;0.737, 257.116, 1+Ala+TCHO+ALT+AST+ALB;0.737, 258.112, 1+Ala+TG+ALT+gGT+ALB;0.737, 257.691, 1+Ala+TCHO+TG+ALT+ALB;0.736, 259.821, 1+Ala+BCAA+TG+AST+ALB;0.736, 259.855, 1+Ala+BCAA+Glc+AST+ALB;0.736, 257.644, 1+Ala+TCHO+ALT+gGT+ALB;0.736, 257.402, 1+Ala+TG+AST+ALB+BUN;0.736, 258.022, 1+BCAA+Trp+Glc+TCHO+ALB;0.736, 259.840, 1+Ala+BCAA+AST+gGT+ALB;0.736, 258.181, 1+Ala+Glc+TG+ALT+ALB;0.736, 256.653, 1+Gly+TCHO+ALT+ALB+BUN;0.736, 257.689, 1+BCAA+TG+AST+ALB+BUN;0.735, 258.123, 1+Ala+Glc+ALT+gGT+ALB;0.735, 259.289, 1+Gly+BCAA+TCHO+AST+ALB;0.735, 257.673, 1+BCAA+Glc+AST+ALB+BUN;0.735, 256.953, 1+Gly+Glc+ALT+ALB+BUN;0.735, 258.060, 1+BCAA+Trp+TCHO+TG+ALB;0.735, 258.630, 1+BCAA+Trp+Glc+gGT+ALB;0.735, 257.109, 1+Gly+ALT+gGT+ALB+BUN

[0138] [35. アミノ酸+生化学6変数の式]

0.798, 245.367, 1+ALB+BUN+His+Asn+Lys+Ile;0.797, 245.864, 1+ALB+BUN+NEFA+Asn+Lys+Ile;0.797, 241.939, 1+ALB+BUN+ALT+Asn+Lys+Ile;0.796, 242.147, 1+ALB+BUN+ALT+Asn+Arg+Ile;0.796, 244.074, 1+ALB+BUN+ALT+Asn+Tyr+Phe;0.795, 246.402, 1+ALB+BUN+Asn+Orn+Lys+Ile;0.795, 243.435, 1+ALB+BUN+ALT+Glc+Asn

+Ile;0.795,245.378,1+ALB+BUN+Glc+Asn+Lys+Ile;0.795,245.911,1+ALB+BUN+Asn+Arg+Lys+Ile;0.794,243.433,1+ALB+BUN+ALT+Asn+Orn+Ile;0.794,246.048,1+ALB+BUN+Asn+Thr+Lys+Ile;0.794,244.832,1+ALB+BUN+ALT+Asn+Tyr+Trp;0.793,246.792,1+ALB+BUN+BHBA+Asn+Lys+Ile;0.793,246.473,1+ALB+BUN+T-BIL+Asn+Lys+Ile;0.793,243.782,1+ALB+ALT+His+Asn+Arg+Ile;0.793,244.761,1+ALB+BUN+ALT+Asn+Arg+Tyr;0.793,246.793,1+ALB+BUN+gGT+Asn+Lys+Ile;0.793,246.514,1+ALB+BUN+Ca+Asn+Lys+Ile;0.793,244.524,1+ALB+BUN+ALT+Asn+Thr+Ile;0.792,246.409,1+ALB+Glc+His+Asn+Orn+Ile;0.792,245.753,1+ALB+BUN+His+Asn+Arg+Ile;0.792,245.599,1+ALB+BUN+His+Asn+Orn+Ile;0.792,243.756,1+ALB+ALT+Glc+Asn+Arg+Ile;0.792,244.065,1+ALB+BUN+ALT+His+Asn+Ile;0.792,243.750,1+ALB+BUN+Asn+Asp+Tyr+Trp;0.792,247.825,1+ALB+BUN+Asn+Tyr+Phe+Trp;0.792,244.925,1+ALB+BUN+ALT+Asn+Val+Trp;0.792,245.917,1+ALB+BUN+AST+Asn+Orn+Ile;0.791,244.667,1+ALB+BUN+ALT+NEFA+Asn+Ile;0.791,244.672,1+ALB+BUN+ALT+BHBA+Asn+Ile;0.791,246.246,1+ALB+BUN+Glc+Asn+Orn+Ile;0.791,241.142,1+ALB+BUN+ALT+Asn+Asp+Tyr;0.791,248.008,1+ALB+BUN+Asn+Lys+Tyr+Trp;0.791,244.672,1+ALB+BUN+ALT+gGT+Asn+Ile;0.791,243.971,1+ALB+BUN+ALT+Glc+His+Asn;0.791,244.827,1+ALB+ALT+His+Asn+Orn+Ile;0.790,243.310,1+ALB+BUN+ALT+His+Asn+Arg;0.790,244.651,1+ALB+BUN+ALT+T-BIL+Asn+Ile;0.790,244.438,1+ALB+ALT+Glc+Asn+Lys+Ile;0.790,244.609,1+ALB+ALT+Glc+Asn+Orn+Ile;0.790,244.829,1+ALB+ALT+Asn+Arg+Orn+Ile;0.790,244.068,1+ALB+ALT+Asn+Arg+Lys+Ile;0.790,246.992,1+ALB+BUN+Asn+Arg+Orn+Ile;0.790,245.391,1+ALB+ALT+Asn+Orn+Lys+Ile;0.790,247.812,1+ALB+BUN+BHBA+Asn+Orn+Ile;0.790,244.254,1+ALB+BUN+ALT+Asn+Thr+Lys;0.790,246.085,1+ALB+ALT+Asn+Thr+Orn+Ile;0.790,244.604,1+ALB+BUN+ALT+Asn+Val+Phe;0.790,248.175,1+ALB+NEFA+Glc+Asn+Lys+Ile;0.790,247.692,1+ALB+BUN+Asn+Arg+Tyr+Trp;0.790,247.626,1+ALB+BUN+NEFA+Asn+Orn+Ile;0.790,248.936,1+ALB+NEFA+His+Asn+Lys+Ile;0.790,248.530,1+ALB+NEFA+His+Asn+Arg+Ile;0.789,247.434,1+ALB+BUN+Asn+Thr+Orn+Ile;0.789,244.503,1+ALB+BUN+Ca+ALT+Asn+I

le;0.789,245.000,1+ALB+BUN+ALT+Glc+Asn+Thr;0.789,243.470,1+ALB+BUN+ALT+His+Asn+Lys;0.789,249.675,1+ALB+NEFA+BHBA+Asn+Lys+Ile;0.789,248.345,1+ALB+His+Asn+Arg+Lys+Ile;0.789,245.213,1+ALB+ALT+His+Asn+Lys+Ile;0.789,245.534,1+ALB+BUN+AST+Asn+Lys+Ile;0.789,245.038,1+ALB+BUN+ALT+Asn+Thr+Orn;0.789,244.715,1+ALB+BUN+ALT+Asn+Arg+Thr;0.789,248.363,1+ALB+BUN+NEFA+Asn+Tyr+Trp;0.789,243.811,1+ALB+BUN+ALT+His+Asn+Orn;0.789,248.289,1+ALB+BUN+Asn+Orn+Tyr+Trp;0.789,247.263,1+ALB+ALT+Asn+Arg+Tyr+Phe;0.789,246.228,1+ALB+BUN+Glc+Asn+Arg+Ile;0.789,247.894,1+ALB+BUN+gGT+Asn+Orn+Ile;0.788,245.689,1+ALB+BUN+ALT+Asn+Orn+Tyr;0.788,242.143,1+ALB+BUN+ALT+Asn+Asp+Trp;0.788,244.481,1+ALB+ALT+BHBA+Asn+Arg+Ile;0.788,244.747,1+ALB+ALT+T-BIL+Asn+Arg+Ile;0.788,246.815,1+ALB+AST+Glc+Asn+Orn+Ile;0.788,248.885,1+ALB+ALT+NEFA+Asn+Tyr+Phe;0.788,249.197,1+ALB+NEFA+Asn+Arg+Lys+Ile;0.788,245.249,1+ALB+ALT+NEFA+Asn+Arg+Ile;0.788,248.518,1+ALB+Glc+His+Asn+Lys+Ile;0.788,241.772,1+ALB+BUN+ALT+Asn+3MeHis+Asp;0.788,245.089,1+ALB+BUN+ALT+Asn+Lys+Tyr;0.788,247.613,1+ALB+His+Asn+Arg+Orn+Ile;0.788,247.903,1+ALB+BUN+T-BIL+Asn+Orn+Ile;0.788,247.431,1+ALB+BUN+BHBA+Asn+Arg+Ile;0.788,244.367,1+ALB+BUN+AST+ALT+Asn+Ile;0.788,249.946,1+ALB+NEFA+Asn+Orn+Lys+Ile;0.788,246.021,1+ALB+BUN+ALT+NEFA+Asn+Tyr;0.788,245.194,1+ALB+BUN+ALT+Glc+Asn+Arg;0.788,245.614,1+ALB+BUN+Asn+Asp+Tyr+Phe;0.788,245.065,1+ALB+ALT+Asn+Arg+Thr+Ile;0.788,246.644,1+ALB+ALT+gGT+Asn+Orn+Ile;0.788,245.981,1+ALB+BUN+ALT+Asn+3MeHis+Tyr;0.788,244.943,1+ALB+BUN+ALT+Asn+Phe+Trp;0.788,247.260,1+ALB+ALT+NEFA+Glc+Asn+Ile;0.788,244.650,1+ALB+BUN+ALT+His+Asn+Thr;0.788,249.682,1+ALB+NEFA+Asn+Thr+Lys+Ile;0.788,245.394,1+ALB+BUN+ALT+Asn+Orn+Trp;0.788,246.573,1+ALB+BUN+AST+Glc+Asn+Ile;0.788,246.026,1+ALB+BUN+ALT+Asn+Tyr+Val;0.788,245.311,1+ALB+BUN+ALT+NEFA+Asn+Trp;0.788,248.155,1+ALB+AST+NEFA+Asn+Lys+Ile;0.788,249.084,1+ALB+NEFA+BHBA+Asn+Arg+Ile;0.788,245.956,1+ALB+ALT+BHBA+Asn+Orn+Ile;0.788,247.347,1+ALB+BU

N+Asn+Arg+Thr+Ile;0.788,246.847,1+ALB+AST+His+Asn+Orn+Ile;0.788,248.420,1+ALB+NEFA+His+Asn+Orn+Ile;0.788,245.376,1+ALB+BUN+ALT+Asn+3MeHis+Trp;0.788,245.179,1+ALB+BUN+ALT+Asn+Arg+Trp;0.787,248.320,1+ALB+ALT+Asn+Tyr+Phe+Trp;0.787,248.131,1+ALB+His+Asn+Orn+Lys+Ile;0.787,247.712,1+ALB+BUN+Ca+Asn+Orn+Ile;0.787,245.444,1+ALB+BUN+ALT+BHBA+Asn+Thr;0.787,248.352,1+ALB+BUN+Asn+Tyr+Val+Trp;0.787,246.940,1+ALB+BUN+NEFA+Asn+Arg+Ile;0.787,246.253,1+ALB+ALT+His+Asn+Thr+Orn;0.787,248.605,1+ALB+BUN+NEFA+Asn+Tyr+Phe;0.787,248.731,1+ALB+BHBA+His+Asn+Orn+Ile;0.787,246.638,1+ALB+ALT+NEFA+Asn+Orn+Ile;0.787,248.762,1+ALB+NEFA+Glc+Asn+Orn+Ile;0.787,248.149,1+ALB+AST+Asn+Orn+Lys+Ile;0.787,245.310,1+ALB+BUN+ALT+Asn+Arg+Val;0.787,245.528,1+ALB+BUN+ALT+gGT+Asn+Thr;0.787,248.308,1+ALB+BUN+Asn+3MeHis+Tyr+Trp;0.787,245.232,1+ALB+ALT+gGT+Asn+Arg+Ile;0.787,248.024,1+ALB+AST+Asn+Thr+Orn+Ile;0.787,245.525,1+ALB+BUN+ALT+NEFA+Asn+Thr;0.787,247.787,1+ALB+Glc+His+Asn+Arg+Ile;0.787,250.129,1+ALB+NEFA+Asn+Arg+Orn+Ile;0.787,246.021,1+ALB+BUN+ALT+Asn+3MeHis+Val;0.787,242.288,1+ALB+BUN+ALT+Asn+Asp+Phe;0.787,246.392,1+ALB+BUN+Glc+His+Asn+Orn;0.787,248.510,1+ALB+AST+BHBA+Asn+Orn+Ile;0.787,245.521,1+ALB+BUN+ALT+T-BIL+Asn+Thr;0.787,248.275,1+ALB+BUN+Asn+Lys+Val+Trp;0.787,244.793,1+ALB+BUN+ALT+NEFA+His+Asn;0.787,245.196,1+ALB+BUN+ALT+Asn+Lys+Trp;0.787,245.611,1+ALB+BUN+AST+Asn+Arg+Ile;0.787,247.065,1+ALB+ALT+Asn+Arg+Tyr+Trp;0.787,245.142,1+ALB+BUN+ALT+Glc+Asn+Lys;0.787,245.559,1+ALB+BUN+ALT+gGT+Glc+Asn;0.787,245.559,1+ALB+BUN+ALT+T-BIL+Glc+Asn;0.787,245.562,1+ALB+BUN+ALT+NEFA+Glc+Asn;0.787,246.700,1+ALB+BUN+AST+Asn+Tyr+Trp;0.787,245.353,1+ALB+BUN+ALT+BHBA+Glc+Asn;0.786,247.393,1+ALB+ALT+Glc+Asn+Thr+Ile;0.786,246.804,1+ALB+BUN+His+Asn+Thr+Lys;0.786,244.459,1+ALB+AST+ALT+Asn+Arg+Ile;0.786,246.643,1+ALB+BUN+Glc+His+Asn+Lys;0.786,245.224,1+ALB+Ca+ALT+Asn+Arg+Ile;0.786,247.184,1+ALB+BUN+Glc+His+Asn+Ile;0.786,249.436,1+ALB+NEFA+T-BIL+Asn+Lys+Ile;0.786,2

45. 531, 1+ALB+BUN+ALT+T-BIL+Asn+Arg;0.786, 248.659, 1+ALB+NEFA+Glc+Asn+Arg+Ile;0.786, 245.455, 1+ALB+BUN+ALT+Glc+Asn+Orn;0.786, 246.784, 1+ALB+ALT+Glc+His+Asn+Ile;0.786, 245.977, 1+ALB+ALT+NEFA+Asn+Lys+Ile;0.786, 250.694, 1+ALB+gGT+NEFA+Asn+Lys+Ile;0.786, 245.700, 1+ALB+BUN+ALT+Asn+Orn+Val;0.786, 249.721, 1+ALB+BHBA+Asn+Arg+Orn+Ile;0.786, 244.821, 1+ALB+BUN+ALT+T-BIL+His+Asn;0.786, 244.822, 1+ALB+BUN+ALT+gGT+His+Asn;0.786, 245.165, 1+ALB+BUN+ALT+Asn+Arg+Phe;0.786, 247.783, 1+ALB+ALT+NEFA+Asn+Arg+Tyr;0.786, 246.114, 1+ALB+ALT+T-BIL+Asn+Orn+Ile;0.786, 246.616, 1+ALB+BUN+NEFA+His+Asn+Lys;0.786, 247.546, 1+ALB+AST+Asn+Arg+Orn+Ile;0.786, 250.305, 1+ALB+His+Asn+Thr+Lys+Ile;0.786, 245.702, 1+ALB+ALT+Glc+His+Asn+Orn;0.786, 242.161, 1+ALB+BUN+ALT+Asn+Asp+Val;0.786, 248.099, 1+ALB+AST+NEFA+Asn+Orn+Ile;0.786, 247.361, 1+ALB+ALT+Asn+3MeHis+Arg+Tyr;0.786, 248.970, 1+ALB+T-BIL+His+Asn+Orn+Ile;0.786, 250.703, 1+ALB+NEFA+Asn+Thr+Orn+Ile;0.786, 247.441, 1+ALB+ALT+BHBA+Glc+Asn+Ile;0.786, 244.993, 1+ALB+BUN+ALT+Asn+Lys+Val;0.786, 245.586, 1+ALB+BUN+ALT+Asn+Arg+Orn;0.786, 242.330, 1+ALB+BUN+ALT+Asn+Asp+Lys;0.786, 245.417, 1+ALB+ALT+Asn+Thr+Lys+Ile;0.786, 245.591, 1+ALB+BUN+ALT+NEFA+Asn+Arg;0.786, 245.593, 1+ALB+BUN+ALT+gGT+Asn+Arg;0.786, 248.940, 1+ALB+gGT+His+Asn+Orn+Ile;0.786, 247.011, 1+ALB+BUN+His+Asn+Orn+Lys;0.786, 247.512, 1+ALB+BUN+NEFA+Glc+Asn+Ile;0.786, 248.834, 1+ALB+ALT+Asn+3MeHis+Tyr+Phe;0.786, 247.570, 1+ALB+AST+NEFA+Asn+Arg+Ile;0.786, 246.070, 1+ALB+BUN+ALT+NEFA+Asn+3MeHis;0.786, 245.265, 1+ALB+BUN+ALT+Asn+Orn+Phe;0.786, 248.677, 1+ALB+His+Asn+Thr+Orn+Ile;0.786, 248.473, 1+ALB+Glc+Asn+Orn+Lys+Ile;0.785, 248.195, 1+ALB+ALT+Asn+Orn+Tyr+Phe;0.785, 246.095, 1+ALB+BUN+ALT+NEFA+Asn+Val;0.785, 244.682, 1+ALB+BUN+ALT+BHBA+His+Asn;0.785, 245.266, 1+ALB+BUN+ALT+NEFA+Asn+Phe;0.785, 245.427, 1+ALB+BUN+ALT+Asn+3MeHis+Lys;0.785, 245.584, 1+ALB+BUN+ALT+BHBA+Asn+Arg;0.785, 242.466, 1+ALB+BUN+ALT+NEFA+Asn+Asp;0.785, 245.920, 1+ALB+BUN+ALT+Asn+3MeHis+Orn;0.785, 245.436, 1+ALB+BUN+ALT+Asn+3MeHis+Arg;0.785, 249.998, 1

+ALB+NEFA+BHBA+Asn+Orn+Ile;0.785,247.452,1+ALB+BUN+T-BIL+Asn+Arg+Ile;
0.785,247.459,1+ALB+ALT+T-BIL+Glc+Asn+Ile;0.785,242.463,1+ALB+BUN+ALT
+Asn+Arg+Asp;0.785,246.896,1+ALB+BUN+His+Asn+Thr+Orn;0.785,251.941,1+
ALB+Asn+Arg+Tyr+Phe+Trp;0.785,245.549,1+ALB+BUN+ALT+gGT+Asn+Lys;0.785
,250.891,1+ALB+BHBA+His+Asn+Lys+Ile;0.785,247.586,1+ALB+ALT+NEFA+Glc+
His+Asn;0.785,248.759,1+ALB+AST+T-BIL+Asn+Orn+Ile;0.785,245.444,1+ALB
+BUN+Ca+ALT+Asn+Thr;0.785,251.817,1+ALB+Asn+Arg+Orn+Tyr+Trp;0.785,245
.103,1+ALB+BUN+ALT+Asn+3MeHis+Phe;0.785,251.437,1+ALB+NEFA+Asn+Arg+Ty
r+Trp;0.785,250.227,1+ALB+BHBA+Asn+Orn+Lys+Ile;0.785,246.545,1+ALB+Ca
+ALT+Asn+Orn+Ile;0.785,246.135,1+ALB+BUN+ALT+gGT+NEFA+Asn;0.785,245.1
65,1+ALB+BUN+ALT+Asn+Lys+Phe;0.785,245.428,1+ALB+BUN+Asn+Asp+Lys+Tyr;
0.785,246.099,1+ALB+BUN+ALT+gGT+BHBA+Asn;0.785,245.577,1+ALB+BUN+NEFA
+Asn+Asp+Tyr;0.785,247.390,1+ALB+BUN+gGT+Asn+Arg+Ile;0.785,245.627,1+
ALB+AST+ALT+Asn+Orn+Ile;0.785,247.426,1+ALB+ALT+gGT+Glc+Asn+Ile;0.785
,245.520,1+ALB+BUN+Ca+ALT+Glc+Asn;0.785,250.399,1+ALB+Ca+NEFA+Asn+Lys
+Ile;0.785,245.982,1+ALB+BUN+ALT+gGT+Asn+Orn;0.785,246.110,1+ALB+BUN+
ALT+gGT+T-BIL+Asn;0.785,248.560,1+ALB+NEFA+Glc+His+Asn+Orn;0.785,246.
104,1+ALB+ALT+gGT+Asn+Lys+Ile;0.785,248.613,1+ALB+AST+gGT+Asn+Orn+Ile
;0.785,245.930,1+ALB+BUN+ALT+T-BIL+Asn+Orn;0.785,250.882,1+ALB+gGT+Hi
s+Asn+Lys+Ile;0.785,244.943,1+ALB+ALT+Asn+Asp+Tyr+Trp;0.785,245.209,1
+ALB+BUN+AST+ALT+Asn+Thr;0.785,245.561,1+ALB+BUN+ALT+NEFA+Asn+Lys;0.7
85,246.055,1+ALB+BUN+ALT+NEFA+T-BIL+Asn;0.785,245.961,1+ALB+ALT+BHBA+
Asn+Lys+Ile;0.784,246.895,1+ALB+AST+ALT+Glc+Asn+Ile;0.784,248.255,1+A
LB+BUN+Glc+Asn+Thr+Ile;0.784,251.926,1+ALB+Asn+Arg+Lys+Tyr+Trp;0.784,
244.958,1+ALB+BUN+AST+ALT+Asn+Trp;0.784,246.982,1+ALB+BUN+T-BIL+His+A
sn+Lys;0.784,244.708,1+ALB+BUN+Ca+ALT+His+Asn;0.784,247.862,1+ALB+ALT
+Asn+Arg+Tyr+Val;0.784,245.979,1+ALB+BUN+ALT+NEFA+Asn+Orn;0.784,249.3
04,1+ALB+AST+His+Asn+Lys+Ile;0.784,246.092,1+ALB+BUN+ALT+NEFA+BHBA+As

n;0.784,249.075,1+ALB+BUN+NEFA+T-BIL+Asn+Ile;0.784,245.548,1+ALB+BUN+ALT+Asn+Orn+Lys;0.784,247.739,1+ALB+ALT+Glc+His+Asn+Thr;0.784,242.373,1+ALB+BUN+ALT+Asn+Asp+Orn;0.784,245.545,1+ALB+BUN+ALT+T-BIL+Asn+Lys;0.784,247.286,1+ALB+BUN+BHBA+His+Asn+Lys;0.784,250.623,1+ALB+NEFA+Asn+Arg+Thr+Ile;0.784,246.788,1+ALB+ALT+NEFA+His+Asn+Orn;0.784,245.242,1+ALB+BUN+AST+ALT+Glc+Asn;0.784,245.558,1+ALB+ALT+Glc+His+Asn+Arg;0.784,247.476,1+ALB+BUN+T-BIL+Glc+His+Asn;0.784,247.788,1+ALB+ALT+Asn+Arg+Orn+Tyr;0.784,245.068,1+ALB+BUN+AST+ALT+Asn+Phe;0.784,246.893,1+ALB+BUN+NEFA+His+Asn+Orn;0.784,248.466,1+ALB+Glc+Asn+Arg+Lys+Ile;0.784,247.135,1+ALB+BUN+His+Asn+Arg+Lys;0.784,248.888,1+ALB+NEFA+T-BIL+Asn+Arg+Ile;0.784,250.456,1+ALB+T-BIL+His+Asn+Lys+Ile;0.784,249.763,1+ALB+T-BIL+His+Asn+Arg+Ile;0.784,249.896,1+ALB+BHBA+Asn+Arg+Lys+Ile;0.784,245.968,1+ALB+BUN+ALT+BHBA+Asn+Orn;0.784,246.064,1+ALB+ALT+T-BIL+Asn+Lys+Ile;0.784,249.355,1+ALB+BHBA+Glc+Asn+Orn+Ile;0.784,248.516,1+ALB+Glc+Asn+Arg+Orn+Ile;0.784,249.688,1+ALB+BHBA+His+Asn+Arg+Ile;0.784,251.968,1+ALB+Asn+Arg+Tyr+Val+Trp;0.784,247.872,1+ALB+BUN+T-BIL+Glc+Asn+Ile;0.784,248.981,1+ALB+Glc+Asn+Thr+Orn+Ile;0.784,244.220,1+ALB+BUN+Asn+3MeHis+Asp+Tyr;0.784,247.161,1+ALB+BUN+AST+NEFA+Asn+Ile;0.784,247.437,1+ALB+Ca+ALT+Glc+Asn+Ile;0.784,248.414,1+ALB+ALT+Asn+Orn+Tyr+Trp;0.784,247.169,1+ALB+BUN+T-BIL+His+Asn+Orn;0.784,249.648,1+ALB+AST+T-BIL+Asn+Lys+Ile;0.784,247.869,1+ALB+AST+Asn+Arg+Lys+Ile;0.784,248.851,1+ALB+ALT+NEFA+BHBA+Asn+Ile;0.784,246.825,1+ALB+ALT+BHBA+His+Asn+Orn;0.784,246.829,1+ALB+ALT+gGT+His+Asn+Orn;0.784,248.990,1+ALB+ALT+Asn+3MeHis+Tyr+Trp;0.784,249.441,1+ALB+Glc+Asn+Thr+Lys+Ile;0.784,245.512,1+ALB+BUN+ALT+BHBA+Asn+Lys;0.784,250.043,1+ALB+Asn+Arg+Thr+Orn+Ile;0.784,247.396,1+ALB+BUN+Ca+Asn+Arg+Ile;0.784,251.475,1+ALB+T-BIL+BHBA+Asn+Lys+Ile;0.784,245.710,1+ALB+BUN+AST+ALT+Asn+Tyr;0.784,246.331,1+ALB+BUN+Asn+Asp+Tyr+Val;0.784,24

9.184, 1+ALB+AST+Asn+Thr+Lys+Ile;0.784, 250.599, 1+ALB+Ca+His+Asn+Lys+Ile;0.784, 245.979, 1+ALB+BUN+ALT+T-BIL+BHBA+Asn;0.784, 249.602, 1+ALB+T-BIL+Glc+Asn+Lys+Ile;0.784, 245.054, 1+ALB+ALT+Asn+Arg+Asp+Tyr;0.784, 248.791, 1+ALB+Ca+His+Asn+Orn+Ile;0.784, 249.337, 1+ALB+BUN+Asn+Lys+Tyr+Phe;0.784, 247.714, 1+ALB+ALT+Asn+Arg+Lys+Tyr;0.784, 248.883, 1+ALB+BUN+NEFA+Asn+Lys+Tyr;0.784, 249.130, 1+ALB+BUN+NEFA+BHBA+Asn+Ile;0.784, 250.301, 1+ALB+T-BIL+Asn+Arg+Lys+Ile;0.784, 250.071, 1+ALB+AST+BHBA+Asn+Lys+Ile;0.783, 244.645, 1+ALB+BUN+AST+ALT+His+Asn;0.783, 245.421, 1+ALB+BUN+ALT+Asn+Arg+Lys;0.783, 253.020, 1+ALB+NEFA+Asn+Tyr+Phe+Trp;0.783, 245.801, 1+ALB+BUN+Asn+Asp+Val+Trp;0.783, 249.830, 1+ALB+Asn+Arg+Orn+Lys+Ile;0.783, 248.214, 1+ALB+AST+Glc+Asn+Lys+Ile;0.783, 249.210, 1+ALB+AST+Asn+Arg+Tyr+Trp;0.783, 248.995, 1+ALB+BUN+NEFA+Asn+Thr+Ile;0.783, 248.641, 1+ALB+BUN+Asn+Val+Phe+Trp;0.783, 250.234, 1+ALB+NEFA+His+Asn+Thr+Lys;0.783, 249.596, 1+ALB+NEFA+Glc+His+Asn+Lys;0.783, 247.284, 1+ALB+BUN+NEFA+Glc+His+Asn;0.783, 247.374, 1+ALB+BUN+gGT+His+Asn+Orn;0.783, 247.557, 1+ALB+BUN+gGT+His+Asn+Lys;0.783, 246.285, 1+ALB+BUN+AST+His+Asn+Orn;0.783, 249.384, 1+ALB+T-BIL+Glc+Asn+Orn+Ile;0.783, 247.636, 1+ALB+AST+His+Asn+Arg+Ile;0.783, 245.533, 1+ALB+BUN+Ca+ALT+Asn+Arg;0.783, 245.646, 1+ALB+AST+ALT+Asn+Lys+Ile;0.783, 247.383, 1+ALB+AST+Glc+Asn+Arg+Ile;0.783, 246.768, 1+ALB+ALT+T-BIL+His+Asn+Orn;0.783, 248.468, 1+ALB+BUN+Asn+3MeHis+Val+Trp;0.783, 246.559, 1+ALB+ALT+Glc+His+Asn+Lys;0.783, 247.431, 1+ALB+BUN+AST+His+Asn+Ile;0.783, 248.114, 1+ALB+ALT+NEFA+T-BIL+Asn+Ile;0.783, 245.886, 1+ALB+ALT+His+Asn+Arg+Orn;0.783, 246.281, 1+ALB+BUN+Asn+Asp+Orn+Tyr;0.783, 248.570, 1+ALB+Ca+AST+Asn+Orn+Ile;0.783, 249.595, 1+ALB+Asn+Thr+Orn+Lys+Ile;0.783, 248.613, 1+ALB+BUN+Asn+Orn+Val+Trp;0.783, 252.623, 1+ALB+Asn+Orn+Tyr+Phe+Trp;0.783, 248.108, 1+ALB+BUN+gGT+Glc+Asn+Ile;0.783, 251.213, 1+ALB+BHBA+Asn+Thr+Lys+Ile;0.783, 248.233, 1+ALB+BUN+Ca+Glc+Asn+Ile;0.783, 250.633, 1+ALB+BHBA+Asn+Thr+Orn+Ile;0.783, 251.222, 1+ALB+gGT+Asn+Thr+Lys+I

le;0.783,242.177,1+ALB+BUN+AST+ALT+Asn+Asp;0.783,248.012,1+ALB+BUN+NEFA+His+Asn+Ile;0.783,249.558,1+ALB+BUN+T-BIL+BHBA+Asn+Ile;0.783,249.810,1+ALB+His+Asn+Arg+Thr+Ile;0.783,249.931,1+ALB+NEFA+T-BIL+Asn+Orn+Ile;0.783,246.709,1+ALB+BUN+AST+His+Asn+Lys;0.783,246.029,1+ALB+BUN+Ca+ALT+gGT+Asn;0.783,246.080,1+ALB+ALT+His+Asn+Arg+Thr;0.783,249.199,1+ALB+BUN+Asn+3MeHis+Tyr+Phe;0.783,248.804,1+ALB+BUN+NEFA+Asn+Val+Trp;0.783,249.159,1+ALB+BUN+gGT+NEFA+Asn+Ile;0.783,249.621,1+ALB+Asn+Arg+Thr+Lys+Ile;0.783,245.256,1+ALB+BUN+AST+ALT+Asn+Arg;0.783,249.907,1+ALB+AST+Asn+Orn+Tyr+Trp;0.783,245.992,1+ALB+Ca+ALT+Asn+Lys+Ile;0.783,245.290,1+ALB+BUN+AST+ALT+Asn+Lys;0.783,248.030,1+ALB+BUN+AST+gGT+Asn+Ile;0.783,250.765,1+ALB+gGT+NEFA+Asn+Arg+Ile;0.782,246.029,1+ALB+BUN+Ca+ALT+NEFA+Asn;0.782,245.465,1+ALB+BUN+Ca+ALT+Asn+Lys;0.782,250.420,1+ALB+NEFA+Glc+His+Asn+Ile;0.782,246.606,1+ALB+ALT+His+Asn+Orn+Lys;0.782,247.845,1+ALB+ALT+T-BIL+Glc+His+Asn;0.782,245.743,1+ALB+BUN+AST+ALT+Asn+3MeHis;0.782,246.006,1+ALB+BUN+Ca+ALT+T-BIL+Asn;0.782,245.783,1+ALB+BUN+AST+ALT+Asn+Val;0.782,248.448,1+ALB+ALT+NEFA+His+Asn+Ile;0.782,249.084,1+ALB+ALT+Asn+Tyr+Val+Trp;0.782,250.984,1+ALB+T-BIL+BHBA+Asn+Orn+Ile;0.782,249.898,1+ALB+AST+gGT+Asn+Lys+Ile;0.782,247.281,1+ALB+BUN+Ca+His+Asn+Orn;0.782,249.084,1+ALB+ALT+NEFA+Asn+Tyr+Trp;0.782,249.111,1+ALB+AST+NEFA+Glc+Asn+Ile;0.782,248.725,1+ALB+ALT+NEFA+Glc+Asn+Thr;0.782,249.381,1+ALB+BUN+Asn+Orn+Tyr+Phe;0.782,246.176,1+ALB+BUN+Asn+Arg+Asp+Tyr;0.782,246.252,1+ALB+ALT+NEFA+His+Asn+Arg;0.782,246.885,1+ALB+BUN+NEFA+His+Asn+Arg;0.782,247.640,1+ALB+BUN+AST+T-BIL+Asn+Ile;0.782,252.571,1+ALB+NEFA+Asn+Lys+Tyr+Trp;0.782,247.822,1+ALB+ALT+gGT+Glc+His+Asn;0.782,248.784,1+ALB+BUN+Asn+3MeHis+Lys+Val;0.782,248.280,1+ALB+AST+NEFA+His+Asn+Orn;0.782,250.505,1+ALB+Ca+Asn+Orn+Lys+Ile;0.782,249.305,1+ALB+ALT+Asn+Tyr+Val+Phe;0.782,249.098,1+ALB+BUN+NEFA+Glc+Asn+Thr;0.782,248.684,1+ALB+BUN+Asn+Arg+Val+Trp;0.782,246.839,1+A

LB+BUN+AST+Glc+His+Asn;0.782, 246.752, 1+ALB+Ca+ALT+His+Asn+Orn;0.782, 248.893, 1+ALB+BUN+Ca+NEFA+Asn+Ile;0.782, 246.382, 1+ALB+ALT+BHBA+His+Asn+Arg;0.782, 246.862, 1+ALB+ALT+His+Asn+Thr+Lys;0.782, 248.501, 1+ALB+ALT+Asn+Lys+Tyr+Trp;0.782, 247.153, 1+ALB+AST+ALT+Asn+Arg+Tyr;0.782, 245.891, 1+ALB+BUN+Ca+ALT+Asn+Orn;0.782, 245.970, 1+ALB+BUN+Ca+ALT+BHBA+Asn;0.782, 248.994, 1+ALB+BUN+NEFA+Asn+Arg+Tyr;0.782, 245.618, 1+ALB+BUN+AST+ALT+Asn+Orn;0.782, 247.059, 1+ALB+BUN+His+Asn+Arg+Orn;0.782, 252.922, 1+ALB+NEFA+Asn+Orn+Tyr+Phe;0.782, 247.556, 1+ALB+ALT+BHBA+Glc+His+Asn;0.782, 250.705, 1+ALB+T-BIL+Asn+Orn+Lys+Ile;0.782, 248.908, 1+ALB+ALT+NEFA+Asn+Thr+Ile;0.782, 249.552, 1+ALB+NEFA+His+Asn+Thr+Orn;0.782, 247.978, 1+ALB+BUN+Glc+His+Asn+Thr;0.782, 248.140, 1+ALB+AST+ALT+Asn+Tyr+Trp;0.782, 250.971, 1+ALB+T-BIL+Asn+Thr+Lys+Ile;0.782, 252.168, 1+ALB+NEFA+Asn+Arg+Tyr+Phe;0.782, 253.253, 1+ALB+NEFA+Asn+Lys+Tyr+Phe;0.782, 249.002, 1+ALB+ALT+NEFA+T-BIL+Asn+Thr;0.782, 253.243, 1+ALB+Asn+Lys+Tyr+Phe+Trp;0.782, 245.800, 1+ALB+BUN+AST+ALT+NEFA+Asn;0.782, 245.821, 1+ALB+BUN+AST+ALT+T-BIL+Asn;0.782, 252.478, 1+ALB+NEFA+Asn+Orn+Tyr+Trp;0.782, 252.633, 1+ALB+Asn+Orn+Tyr+Val+Trp;0.782, 245.761, 1+ALB+BUN+AST+ALT+gGT+Asn;0.782, 250.027, 1+ALB+gGT+Glc+Asn+Lys+Ile;0.781, 253.213, 1+ALB+Asn+Lys+Tyr+Val+Trp;0.781, 247.368, 1+ALB+BUN+AST+Asn+Thr+Lys;0.781, 247.501, 1+ALB+BUN+His+Asn+Arg+Thr;0.781, 251.015, 1+ALB+gGT+Asn+Thr+Orn+Ile;0.781, 250.487, 1+ALB+gGT+Asn+Arg+Orn+Ile;0.781, 248.126, 1+ALB+BUN+NEFA+Asn+Thr+Lys;0.781, 246.345, 1+ALB+ALT+T-BIL+His+Asn+Arg;0.781, 249.194, 1+ALB+BUN+Asn+Arg+Tyr+Phe;0.781, 249.625, 1+ALB+BUN+BHBA+Asn+Thr+Ile;0.781, 249.866, 1+ALB+BHBA+Glc+Asn+Arg+Ile;0.781, 249.380, 1+ALB+Ca+Glc+Asn+Orn+Ile;0.781, 247.610, 1+ALB+ALT+Glc+Asn+Thr+Orn;0.781, 248.914, 1+ALB+ALT+T-BIL+Asn+Thr+Ile;0.781, 245.393, 1+ALB+ALT+Asn+Asp+Tyr+Phe;0.781, 249.334, 1+ALB+BUN+Asn+Arg+Lys+Tyr;0.781, 249.416, 1+ALB+Asn+Asp+Orn+Tyr+Trp;0.781, 249.036, 1+ALB+Asn+Arg+Asp+Tyr+Trp;0.781, 250.694, 1+ALB+gGT+Asn+Orn+Lys+Ile;0.781,

249.419, 1+ALB+BUN+Ca+Asn+Thr+Ile;0.781, 251.113, 1+ALB+Ca+BHBA+Asn+Orn+Ile;0.781, 250.192, 1+ALB+Ca+Asn+Arg+Lys+Ile;0.781, 248.949, 1+ALB+Glc+His+Asn+Thr+Orn;0.781, 249.534, 1+ALB+BUN+gGT+T-BIL+Asn+Ile;0.781, 249.311, 1+ALB+BUN+Asn+Lys+Phe+Trp;0.781, 251.384, 1+ALB+gGT+NEFA+Asn+Orn+Ile;0.781, 245.203, 1+ALB+BUN+Asn+3MeHis+Asp+Trp;0.781, 250.779, 1+ALB+Ca+NEFA+Asn+Arg+Ile;0.781, 251.046, 1+ALB+T-BIL+Asn+Thr+Orn+Ile;0.781, 245.747, 1+ALB+BUN+AST+ALT+BHBA+Asn;0.781, 247.830, 1+ALB+BUN+AST+Asn+Thr+Ile;0.781, 250.248, 1+ALB+gGT+Asn+Arg+Lys+Ile;0.781, 250.854, 1+ALB+T-BIL+BHBA+Asn+Arg+Ile;0.781, 248.032, 1+ALB+ALT+NEFA+Asn+Thr+Lys;0.781, 249.380, 1+ALB+BUN+T-BIL+Asn+Thr+Ile;0.781, 247.863, 1+ALB+BUN+gGT+Glc+His+Asn;0.781, 246.921, 1+ALB+BUN+Glc+His+Asn+Arg;0.781, 247.959, 1+BCAA+Lys+Phe+ALT+ALB+BUN;0.781, 249.074, 1+ALB+BUN+Asn+3MeHis+Lys+Tyr;0.781, 250.959, 1+ALB+Asn+3MeHis+Arg+Tyr+Trp;0.781, 248.348, 1+ALB+AST+ALT+Asn+Thr+Ile;0.781, 249.079, 1+ALB+NEFA+Glc+His+Asn+Arg;0.781, 246.670, 1+ALB+BUN+Asn+Asp+Lys+Trp;0.781, 249.607, 1+ALB+gGT+His+Asn+Arg+Ile;0.781, 250.564, 1+ALB+T-BIL+Asn+Arg+Orn+Ile;0.781, 249.119, 1+ALB+ALT+gGT+NEFA+Asn+Ile;0.781, 251.270, 1+ALB+NEFA+Glc+His+Asn+Thr;0.781, 249.688, 1+ALB+BUN+Asn+Orn+Lys+Tyr;0.781, 249.301, 1+ALB+BUN+Asn+Orn+Lys+Trp;0.781, 247.306, 1+ALB+BUN+BHBA+His+Asn+Orn;0.781, 249.275, 1+ALB+gGT+Glc+Asn+Orn+Ile;0.781, 248.713, 1+ALB+AST+BHBA+Asn+Arg+Ile;0.781, 247.833, 1+ALB+Ca+ALT+Glc+His+Asn;0.781, 245.756, 1+ALB+ALT+Asn+Asp+Orn+Tyr;0.781, 250.739, 1+ALB+AST+Asn+Lys+Tyr+Trp;0.781, 250.020, 1+ALB+Ca+Glc+Asn+Lys+Ile;0.781, 252.681, 1+ALB+Asn+Orn+Lys+Tyr+Trp;0.781, 248.269, 1+ALB+ALT+NEFA+Asn+Thr+Orn;0.781, 244.931, 1+ALB+ALT+Asn+3MeHis+Asp+Tyr;0.781, 248.117, 1+ALB+BUN+BHBA+Glc+Asn+Ile;0.781, 248.069, 1+ALB+AST+Glc+His+Asn+Orn;0.781, 248.414, 1+ALB+BUN+T-BIL+His+Asn+Ile;0.781, 248.829, 1+ALB+BUN+His+Asn+Thr+Ile;0.781, 246.347, 1+ALB+Ca+ALT+His+Asn+Arg;0.781, 248.991, 1+ALB+ALT+gGT+Asn+Thr+Ile;0.781, 248.795, 1+ALB+AST+T-BIL+Asn+Arg+Ile;0.781, 248.270, 1+ALB+ALT+g

GT+Asn+Thr+Orn;0.781,251.415,1+ALB+T-BIL+His+Asn+Thr+Lys;0.781,249.175,1+ALB+BUN+NEFA+Asn+Lys+Trp;0.781,247.099,1+ALB+BUN+AST+Asn+Val+Trp;0.781,250.507,1+ALB+Ca+Asn+Arg+Orn+Ile;0.781,246.355,1+ALB+ALT+gGT+His+Asn+Arg;0.781,251.213,1+ALB+Ca+NEFA+Asn+Orn+Ile;0.781,252.219,1+ALB+Asn+3MeHis+Orn+Tyr+Trp;0.781,246.489,1+ALB+BUN+Asn+Arg+Asp+Trp;0.781,248.083,1+ALB+BUN+AST+Asn+Arg+Tyr;0.780,248.847,1+ALB+BUN+Asn+3MeHis+Lys+Trp;0.780,250.056,1+ALB+BHBA+Glc+Asn+Lys+Ile;0.780,249.445,1+ALB+Asn+Asp+Lys+Tyr+Trp;0.780,248.369,1+ALB+BUN+AST+Asn+Lys+Tyr;0.780,244.597,1+ALB+BUN+AST+Asn+Asp+Tyr;0.780,250.716,1+ALB+Glc+His+Asn+Thr+Lys;0.780,247.790,1+ALB+ALT+Asn+Thr+Orn+Lys;0.780,249.135,1+ALB+ALT+NEFA+Asn+Orn+Tyr;0.780,246.585,1+ALB+BUN+NEFA+Asn+Asp+Trp;0.780,246.630,1+ALB+BUN+Asn+Asp+Phe+Trp;0.780,247.904,1+ALB+BUN+AST+NEFA+Asn+Thr;0.780,251.141,1+ALB+gGT+BHBA+Asn+Orn+Ile;0.780,247.391,1+ALB+BUN+Ca+His+Asn+Lys;0.780,251.272,1+ALB+NEFA+T-BIL+Glc+His+Asn;0.780,249.304,1+ALB+NEFA+Asn+Asp+Tyr+Trp;0.780,249.788,1+ALB+T-BIL+Glc+Asn+Arg+Ile;0.780,248.286,1+ALB+AST+ALT+NEFA+Asn+Ile;0.780,248.442,1+ALB+AST+His+Asn+Thr+Orn;0.780,250.377,1+ALB+AST+NEFA+Asn+Tyr+Trp;0.780,249.096,1+ALB+ALT+gGT+BHBA+Asn+Ile;0.780,249.762,1+ALB+BUN+gGT+BHBA+Asn+Ile;0.780,247.370,1+ALB+BUN+T-BIL+His+Asn+Arg;0.780,248.577,1+ALB+ALT+T-BIL+His+Asn+Ile;0.780,248.860,1+ALB+ALT+NEFA+T-BIL+Glc+Asn;0.780,248.950,1+ALB+ALT+BHBA+Asn+Thr+Ile;0.780,248.249,1+ALB+ALT+BHBA+Asn+Thr+Orn;0.780,249.303,1+ALB+BUN+Asn+Arg+Lys+Trp;0.780,248.022,1+ALB+BUN+AST+BHBA+Asn+Ile;0.780,248.536,1+ALB+ALT+His+Asn+Thr+Ile;0.780,249.120,1+ALB+BUN+NEFA+Asn+Thr+Orn;0.780,252.016,1+ALB+gGT+T-BIL+Asn+Lys+Ile;0.780,248.372,1+ALB+BUN+NEFA+His+Asn+Thr;0.780,249.217,1+ALB+T-BIL+Glc+His+Asn+Orn;0.780,247.114,1+ALB+BUN+AST+NEFA+His+Asn;0.780,249.466,1+ALB+BUN+Ca+gGT+Asn+Ile;0.780,248.982,1+ALB+Ca+ALT+NEFA+Asn+Ile;0.780,249.073,1+ALB+ALT+T-BIL+BHBA+Asn+

Ile;0.780,249.700,1+ALB+BUN+Asn+Lys+Tyr+Val;0.780,248.439,1+ALB+ALT+N
EFA+T-BIL+His+Asn;0.780,249.919,1+ALB+NEFA+His+Asn+Orn+Lys;0.780,249.
779,1+ALB+Glc+Asn+Arg+Thr+Ile;0.780,249.796,1+ALB+Ca+AST+Asn+Lys+Ile;
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eHis+Orn+Tyr;0.780,249.398,1+ALB+gGT+Glc+His+Asn+Orn;0.780,249.069,1+
ALB+BUN+NEFA+Asn+Lys+Val;0.780,249.002,1+ALB+BUN+Asn+3MeHis+Phe+Trp;0
.780,245.324,1+ALB+BUN+Asn+3MeHis+Asp+Lys;0.780,248.635,1+ALB+AST+Asn
+Arg+Thr+Ile;0.780,247.763,1+ALB+BUN+Ca+AST+Asn+Ile;0.780,248.612,1+A
LB+BUN+Ca+His+Asn+Ile;0.780,248.708,1+ALB+ALT+BHBA+Glc+Asn+Thr;0.780,
248.785,1+ALB+ALT+NEFA+His+Asn+Thr;0.780,249.992,1+ALB+BUN+Asn+Tyr+Va
l+Phe;0.780,246.141,1+ALB+ALT+His+Asn+Arg+Lys;0.780,249.740,1+ALB+NEF
A+T-BIL+His+Asn+Orn;0.780,249.745,1+ALB+Asn+Asp+Tyr+Phe+Trp;0.780,246
.922,1+ALB+BUN+Asn+Asp+Lys+Val;0.780,247.290,1+ALB+ALT+NEFA+His+Asn+L
ys;0.780,248.889,1+ALB+Ca+ALT+Asn+Thr+Ile;0.780,248.601,1+ALB+ALT+gGT
+His+Asn+Ile;0.780,248.409,1+ALB+BUN+T-BIL+Asn+Thr+Lys;0.780,248.769,
1+ALB+ALT+Asn+Lys+Tyr+Phe;0.780,251.441,1+ALB+NEFA+T-BIL+Glc+Asn+Ile;
0.780,245.899,1+ALB+ALT+Asn+3MeHis+Asp+Phe;0.780,248.852,1+ALB+AST+AL
T+Asn+Tyr+Phe;0.780,249.568,1+ALB+BUN+gGT+Asn+Thr+Ile;0.780,249.675,1
+ALB+BUN+Asn+Arg+Orn+Tyr;0.780,250.066,1+ALB+NEFA+BHBA+His+Asn+Orn;0.
780,246.351,1+ALB+AST+ALT+His+Asn+Orn;0.780,248.495,1+ALB+AST+ALT+gGT
+Asn+Ile;0.780,246.509,1+ALB+BUN+Asn+Asp+Orn+Trp;0.780,247.469,1+ALB+
ALT+Glc+Asn+Arg+Thr;0.780,247.647,1+ALB+ALT+Glc+Asn+Thr+Lys;0.780,248
.086,1+ALB+ALT+T-BIL+Asn+Thr+Orn;0.780,245.819,1+ALB+ALT+Asn+3MeHis+A
sp+Trp;0.780,247.960,1+BCAA+Trp+Phe+ALT+ALB+BUN;0.780,249.435,1+ALB+A
ST+NEFA+Glc+His+Asn;0.780,246.622,1+ALB+BUN+AST+His+Asn+Arg;0.780,248
.845,1+ALB+ALT+T-BIL+Glc+Asn+Thr;0.780,246.061,1+ALB+ALT+NEFA+Asn+Asp
+Tyr;0.780,249.232,1+ALB+Glc+His+Asn+Arg+Orn;0.780,249.496,1+ALB+Glc+
His+Asn+Orn+Lys;0.780,252.099,1+ALB+gGT+BHBA+Asn+Lys+Ile;0.780,248.47

2, 1+ALB+BUN+AST+Asn+Orn+Tyr;0.780, 248.148, 1+ALB+ALT+BHBA+Asn+Thr+Lys;
0.780, 248.897, 1+ALB+BUN+Glc+Asn+Thr+Orn;0.780, 248.455, 1+ALB+BUN+AST+A
sn+Tyr+Phe;0.780, 249.108, 1+ALB+BUN+NEFA+Asn+3MeHis+Trp;0.780, 249.357,
1+ALB+BUN+NEFA+Asn+Orn+Trp;0.780, 248.526, 1+ALB+AST+ALT+T-BIL+Asn+Ile;
0.780, 249.744, 1+ALB+Ca+His+Asn+Arg+Ile;0.780, 248.892, 1+ALB+BUN+Asn+3M
eHis+Arg+Tyr;0.780, 249.307, 1+ALB+BUN+NEFA+Asn+Phe+Trp;0.780, 248.866, 1
+ALB+AST+gGT+Asn+Arg+Ile;0.779, 249.870, 1+ALB+Ca+Glc+Asn+Arg+Ile;0.779
, 250.151, 1+ALB+T-BIL+His+Asn+Thr+Orn;0.779, 247.915, 1+ALB+BUN+AST+Glc+
Asn+Thr;0.779, 248.535, 1+ALB+BUN+NEFA+T-BIL+His+Asn;0.779, 249.742, 1+AL
B+BUN+NEFA+Asn+Orn+Tyr;0.779, 248.518, 1+ALB+AST+ALT+BHBA+Asn+Ile;0.779
, 250.928, 1+ALB+Ca+Asn+Thr+Orn+Ile;0.779, 249.334, 1+ALB+BUN+Ca+T-BIL+As
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T+Asn+Orn+Val+Trp;0.779, 247.606, 1+ALB+BUN+BHBA+His+Asn+Arg;0.779, 248.
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;0.779, 249.437, 1+ALB+AST+NEFA+His+Asn+Lys;0.779, 252.964, 1+ALB+Asn+3Me
His+Orn+Tyr+Phe;0.779, 249.840, 1+ALB+BUN+NEFA+T-BIL+Asn+Thr;0.779, 249.
065, 1+ALB+ALT+Asn+Val+Phe+Trp;0.779, 252.260, 1+ALB+NEFA+Asn+Arg+Lys+Ty
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gGT+T-BIL+Asn+Ile;0.779, 250.367, 1+ALB+NEFA+Asn+Asp+Tyr+Phe;0.779, 249.
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BA+Glc+Asn+Ile;0.779, 250.200, 1+ALB+gGT+NEFA+His+Asn+Orn;0.779, 246.027
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+His+Asn;0.779, 249.754, 1+ALB+Asn+Asp+Tyr+Val+Trp;0.779, 249.800, 1+ALB+
NEFA+Asn+Asp+Lys+Tyr;0.779, 251.162, 1+ALB+BHBA+Asn+Arg+Thr+Ile;0.779, 2
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+Lys;0.779, 250.252, 1+ALB+BHBA+His+Asn+Thr+Orn;0.779, 248.347, 1+ALB+ALT

+Asn+Arg+Val+Trp;0.779,249.113,1+ALB+ALT+Asn+Orn+Tyr+Val;0.779,247.962,1+Ala+Trp+Phe+ALT+ALB+BUN;0.779,249.634,1+ALB+BUN+NEFA+Asn+Val+Phe;0.779,250.460,1+ALB+AST+His+Asn+Thr+Lys;0.779,247.010,1+ALB+BUN+NEFA+Asn+Asp+Lys;0.779,247.694,1+ALB+BUN+AST+Asn+Arg+Trp;0.779,252.423,1+ALB+Asn+3MeHis+Lys+Tyr+Trp;0.779,249.694,1+ALB+BUN+Asn+3MeHis+Orn+Val;0.779,248.159,1+ALB+ALT+T-BIL+Asn+Thr+Lys;0.779,249.292,1+ALB+BUN+T-BIL+Glc+Asn+Thr;0.779,251.274,1+ALB+gGT+NEFA+Glc+His+Asn;0.779,249.802,1+ALB+BUN+Asn+Arg+Tyr+Val;0.779,248.917,1+ALB+BUN+Asn+3MeHis+Arg+Trp;0.779,249.378,1+ALB+BUN+Asn+Arg+Phe+Trp;0.779,246.805,1+ALB+AST+Asn+Asp+Tyr+Trp;0.779,251.330,1+ALB+Ca+NEFA+Glc+His+Asn;0.779,249.819,1+ALB+BUN+gGT+NEFA+Asn+Thr;0.779,251.981,1+ALB+gGT+His+Asn+Thr+Lys;0.779,247.651,1+ALB+AST+ALT+Asn+Thr+Lys;0.779,249.414,1+ALB+BUN+Asn+Orn+Phe+Trp;0.779,247.040,1+ALB+BUN+NEFA+Asn+Asp+Val;0.779,247.256,1+ALB+BUN+Asn+Arg+Asp+Lys;0.779,247.369,1+ALB+BUN+BHBA+Glc+His+Asn;0.779,245.753,1+ALB+BUN+Asn+3MeHis+Arg+Asp;0.779,250.880,1+ALB+AST+NEFA+Asn+Lys+Tyr;0.779,244.983,1+ALB+BUN+AST+Asn+Asp+Trp;0.779,248.956,1+ALB+Ca+ALT+T-BIL+Asn+Ile;0.779,247.700,1+ALB+ALT+Asn+Arg+Thr+Orn;0.779,248.552,1+ALB+BUN+BHBA+Asn+Thr+Lys;0.779,248.680,1+ALB+BUN+Asn+Thr+Orn+Lys;0.779,247.944,1+ALB+ALT+BHBA+Asn+Arg+Thr;0.779,250.205,1+ALB+gGT+His+Asn+Thr+Orn;0.779,248.497,1+ALB+BUN+gGT+NEFA+His+Asn;0.779,249.236,1+ALB+ALT+Asn+3MeHis+Val+Trp;0.779,250.208,1+ALB+BUN+Asn+Orn+Tyr+Val;0.779,245.446,1+ALB+ALT+Asn+Asp+Lys+Tyr;0.779,245.770,1+ALB+ALT+Asn+3MeHis+Arg+Asp;0.779,247.776,1+ALB+BUN+AST+His+Asn+Thr;0.779,245.746,1+ALB+BUN+NEFA+Asn+3MeHis+Asp;0.779,249.004,1+ALB+Ca+ALT+BHBA+Asn+Ile;0.779,248.821,1+ALB+ALT+gGT+Glc+Asn+Thr;0.779,247.820,1+ALB+ALT+T-BIL+Asn+Arg+Thr;0.779,252.869,1+ALB+NEFA+BHBA+His+Asn+Ile;0.779,246.002,1+ALB+ALT+Asn+3MeHis+Asp+Orn;0.779,248.854,1+ALB+ALT+Asn+Orn+Lys+Tyr;0.779,249.813,1+ALB+BUN+NEFA+Asn+Orn+Lys;0.779,249.892,1+ALB+BUN+Asn+Orn

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;0.776, 248.649, 1+ALB+ALT+Asn+Arg+Phe+Trp;0.776, 250.037, 1+ALB+BUN+NEFA+T-BIL+Asn+Arg;0.776, 252.199, 1+ALB+NEFA+Asn+Thr+Orn+Lys;0.776, 252.758, 1+ALB+NEFA+T-BIL+His+Asn+Thr;0.776, 247.303, 1+ALB+BUN+Asn+Asp+Orn+Lys;0.776, 250.440, 1+ALB+Glc+His+Asn+Arg+Thr;0.776, 251.325, 1+ALB+Asn+Asp+Orn+Tyr+Phe;0.776, 252.304, 1+Ala+Trp+Phe+Tyr+ALB+BUN;0.776, 250.635, 1+ALB+AST+NEFA+Glc+Asn+Thr;0.776, 250.358, 1+ALB+T-BIL+His+Asn+Arg+Orn;0.776, 248.916, 1+ALB+BUN+AST+Asn+Lys+Phe;0.776, 248.436, 1+ALB+BUN+AST+Asn+3MeHis+Orn;0.776, 249.598, 1+ALB+AST+NEFA+Asn+Arg+Tyr;0.776, 247.528, 1+Lys+Phe+His+ALT+ALB+BUN;0.776, 248.370, 1+ALB+Ca+ALT+Glc+Asn+Arg;0.776, 250.744, 1+ALB+Ca+T-BIL+His+Asn+Orn;0.776, 254.186, 1+ALB+Asn+Orn+Tyr+Val+Phe;0.776, 249.999, 1+ALB+ALT+Asn+3MeHis+Tyr+Val;0.776, 252.681, 1+ALB+NEFA+BHBA+Asn+Thr+Orn;0.776, 248.939, 1+ALB+ALT+NEFA+Asn+Arg+Orn;0.776, 250.141, 1+ALB+BUN+NEFA+Asn+Arg+Orn;0.776, 247.828, 1+ALB+AST+ALT+Asn+Arg+Trp;0.776, 248.530, 1+ALB+BUN+AST+NEFA+Asn+3MeHis;0.776, 250.766, 1+ALB+AST+Glc+Asn+Thr+Ile;0.776, 249.666, 1+ALB+Ca+ALT+BHBA+Asn+Thr;0.776, 248.867, 1+ALB+Ca+ALT+His+Asn+Thr;0.776, 250.855, 1+ALB+His+Asn+Arg+Thr+Lys;0.776, 252.164, 1+ALB+NEFA+T-BIL+Asn+Thr+Orn;0.776, 253.439, 1+ALB+Asn+Arg+Orn+Tyr+Phe;0.776, 248.834, 1+ALB+ALT+NEFA+T-BIL+Asn+Lys;0.776, 252.428, 1+ALB+T-BIL+BHBA+His+Asn+Lys;0.776, 253.236, 1+ALB+Asn+3MeHis+Tyr+Val+Trp;0.776, 248.471, 1+Ala+Lys+Phe+ALT+ALB+BUN;0.776, 249.624, 1+ALB+BUN+Asn+3MeHis+Arg+Phe;0.776, 249.843, 1+ALB+NEFA+T-BIL+His+Asn+Arg;0.776, 245.859, 1+ALB+AST+ALT+Asn+Asp+Trp;0.776, 249.174, 1+ALB+ALT+T-BIL+BHBA+Glc+Asn;0.776, 249.441, 1+ALB+BUN+Asn+3MeHis+Arg+Val;0.776, 249.534, 1+ALB+BUN+BHBA+Glc+Asn+Lys;0.776, 250.520, 1+ALB+BUN+gGT+NEFA+T-BIL+Asn;0.776, 248.700, 1+ALB+BUN+AST+gGT+Glc+Asn;0.776, 252.820, 1+ALB+Ca+NEFA+His+Asn+Ile;0.775, 253.509, 1+ALB+Asn+3MeHis+Lys+Tyr+Phe;0.775, 248.785, 1+ALB+ALT+BHBA+Glc+Asn+Lys;0.775, 249.303, 1+ALB+ALT+gGT+BHBA+Glc+Asn;0.775, 254.158, 1+ALB+NEFA+Asn+Orn+V

al+Phe;0.775, 248.659, 1+ALB+ALT+Asn+Arg+Orn+Trp;0.775, 249.357, 1+ALB+ALT+NEFA+Asn+Orn+Lys;0.775, 253.211, 1+ALB+NEFA+Asn+3MeHis+Orn+Tyr;0.775, 248.888, 1+ALB+ALT+Asn+3MeHis+Lys+Trp;0.775, 248.952, 1+ALB+ALT+gGT+NEFA+Asn+Arg;0.775, 249.896, 1+ALB+BUN+gGT+T-BIL+Glc+Asn;0.775, 247.026, 1+ALB+ALT+NEFA+Asn+Asp+Orn;0.775, 247.734, 1+ALB+BUN+Asn+Arg+Asp+Phe;0.775, 250.567, 1+ALB+AST+NEFA+His+Asn+Ile;0.775, 248.589, 1+ALB+BUN+AST+gGT+NEFA+Asn;0.775, 250.098, 1+ALB+BUN+T-BIL+Asn+Arg+Lys;0.775, 251.335, 1+ALB+gGT+Glc+His+Asn+Lys;0.775, 246.815, 1+ALB+ALT+Asn+Arg+Asp+Val;0.775, 248.868, 1+ALB+ALT+NEFA+BHBA+Asn+Arg;0.775, 248.898, 1+ALB+BUN+BHBA+His+Asn+Thr;0.775, 246.848, 1+ALB+ALT+NEFA+Asn+Asp+Lys;0.775, 246.905, 1+ALB+ALT+Asn+Arg+Asp+Phe;0.775, 247.564, 1+ALB+BUN+Asn+Asp+Val+Phe;0.775, 248.159, 1+ALB+AST+ALT+NEFA+Asn+Arg;0.775, 248.616, 1+ALB+BUN+AST+gGT+Asn+Thr;0.775, 249.170, 1+ALB+ALT+NEFA+Asn+Lys+Trp;0.775, 249.498, 1+ALB+ALT+gGT+BHBA+Asn+Orn;0.775, 246.308, 1+ALB+AST+ALT+NEFA+Asn+Asp;0.775, 247.758, 1+ALB+BUN+Asn+Asp+Orn+Phe;0.775, 248.851, 1+ALB+BUN+AST+gGT+Asn+Lys;0.775, 248.112, 1+Trp+Phe+ALT+ALB+BUN+TP;0.775, 250.082, 1+ALB+AST+Glc+Asn+Thr+Orn;0.775, 248.491, 1+ALB+BUN+Ca+AST+Asn+Thr;0.775, 249.715, 1+ALB+BUN+gGT+NEFA+Glc+Asn;0.775, 248.385, 1+ALB+ALT+Asn+3MeHis+Arg+Lys;0.775, 248.980, 1+ALB+ALT+Asn+3MeHis+Lys+Phe;0.775, 248.865, 1+Ala+Gly+Phe+ALT+ALB+BUN;0.775, 248.462, 1+ALB+BUN+AST+Glc+Asn+Arg;0.775, 248.868, 1+ALB+BUN+AST+Asn+Orn+Lys;0.775, 253.028, 1+ALB+Asn+3MeHis+Orn+Lys+Tyr;0.775, 249.568, 1+ALB+BUN+BHBA+Asn+Arg+Thr;0.775, 249.746, 1+ALB+BUN+gGT+Glc+Asn+Lys;0.775, 253.441, 1+ALB+NEFA+Asn+3MeHis+Orn+Val;0.775, 250.297, 1+ALB+BUN+gGT+NEFA+Asn+Orn;0.775, 252.422, 1+ALB+Ca+NEFA+Asn+Thr+Lys;0.775, 249.725, 1+ALB+BUN+Ca+NEFA+Glc+Asn;0.775, 249.010, 1+ALB+BUN+Ca+gGT+His+Asn;0.775, 249.977, 1+ALB+BUN+Ca+T-BIL+Asn+Thr;0.775, 250.785, 1+ALB+Ca+gGT+His+Asn+Orn;0.775, 249.542, 1+ALB+BUN+gGT+Asn+Arg+Thr;0.775, 253.168, 1+ALB+NEFA+BHBA+His+Asn+Thr;0.775, 247.001, 1+ALB+ALT+Asn+Asp+Orn+Phe;0.775,

249.284, 1+ALB+ALT+NEFA+Asn+3MeHis+Orn;0.775, 250.460, 1+ALB+His+Asn+Arg+Orn+Lys;0.775, 250.536, 1+ALB+BUN+NEFA+T-BIL+BHBA+Asn;0.775, 249.048, 1+ALB+AST+ALT+NEFA+Asn+Phe;0.775, 249.064, 1+ALB+ALT+Asn+Orn+Lys+Trp;0.775, 248.139, 1+ALB+BUN+AST+Asn+3MeHis+Arg;0.775, 248.434, 1+ALB+BUN+AST+NEFA+Asn+Orn;0.775, 253.483, 1+ALB+Asn+3MeHis+Lys+Tyr+Val;0.775, 249.165, 1+ALB+BUN+Glc+Asn+Arg+Thr;0.775, 248.068, 1+ALB+ALT+NEFA+T-BIL+Asn+Arg;0.775, 248.854, 1+ALB+ALT+T-BIL+Glc+Asn+Lys;0.775, 251.678, 1+ALB+Ca+T-BIL+Asn+Arg+Ile;0.775, 254.038, 1+ALB+gGT+NEFA+Asn+Thr+Ile;0.775, 246.892, 1+ALB+ALT+Asn+Asp+Orn+Val;0.775, 248.388, 1+ALB+ALT+Asn+3MeHis+Arg+Phe;0.775, 250.375, 1+ALB+gGT+His+Asn+Arg+Orn;0.775, 250.483, 1+ALB+BHBA+His+Asn+Arg+Orn;0.775, 253.352, 1+ALB+NEFA+Asn+Orn+Val+Trp;0.775, 251.252, 1+ALB+T-BIL+His+Asn+Arg+Lys;0.775, 248.711, 1+ALB+BUN+AST+NEFA+T-BIL+Asn;0.775, 248.658, 1+ALB+AST+Asn+Asp+Orn+Tyr;0.775, 250.734, 1+ALB+Ca+His+Asn+Orn+Lys;0.775, 249.368, 1+ALB+ALT+gGT+T-BIL+Glc+Asn;0.775, 248.882, 1+ALB+ALT+BHBA+Asn+Arg+Orn;0.775, 249.356, 1+ALB+ALT+BHBA+Asn+Orn+Lys;0.775, 249.401, 1+ALB+AST+ALT+NEFA+Asn+Tyr;0.775, 249.275, 1+ALB+ALT+NEFA+Asn+Lys+Val;0.775, 249.381, 1+ALB+ALT+NEFA+Asn+Lys+Phe;0.775, 249.678, 1+Ala+Trp+Glc+ALT+ALB+BUN;0.775, 248.829, 1+ALB+BUN+AST+Asn+Arg+Lys;0.775, 248.269, 1+ALB+BUN+AST+NEFA+Asn+Arg;0.775, 251.621, 1+ALB+AST+Asn+Orn+Tyr+Phe;0.775, 250.917, 1+ALB+Ca+NEFA+His+Asn+Lys;0.775, 249.429, 1+ALB+Ca+ALT+NEFA+T-BIL+Asn;0.775, 248.471, 1+ALB+ALT+NEFA+Asn+3MeHis+Arg;0.775, 249.075, 1+ALB+Asn+3MeHis+Asp+Lys+Val;0.775, 250.018, 1+ALB+BUN+Glc+Asn+Arg+Orn;0.775, 251.574, 1+ALB+BHBA+His+Asn+Arg+Lys;0.775, 248.645, 1+ALB+ALT+Asn+Arg+Lys+Trp;0.775, 249.126, 1+ALB+ALT+Asn+Lys+Phe+Trp;0.775, 249.223, 1+ALB+ALT+T-BIL+Asn+Orn+Lys;0.775, 246.535, 1+ALB+BUN+ALT+Asp+Lys+Phe;0.775, 250.035, 1+ALB+AST+His+Asn+Arg+Lys;0.775, 248.246, 1+ALB+BUN+AST+T-BIL+Glc+Asn;0.775, 248.974, 1+BCAA+Trp+Lys+ALT+ALB+BUN;0.775, 250.850, 1+ALB+Ca+BHBA+His+Asn+Orn;0.775, 248.733, 1+ALB+AST+ALT+T-BIL+His+Asn;0

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rg+His+ALB+BUN;0.773,250.146,1+ALB+BUN+Ca+gGT+Asn+Thr;0.773,248.759,1
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T+gGT+Glc+Asn;0.773,248.883,1+ALB+ALT+Asn+Arg+Lys+Phe;0.773,249.256,1
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+Trp+Lys+Phe+ALT+ALB+BUN;0.773, 248.899, 1+ALB+BUN+AST+Asn+Arg+Orn;0.773, 251.183, 1+ALB+AST+NEFA+Asn+Lys+Trp;0.773, 249.023, 1+ALB+Ca+AST+ALT+Asn+Thr;0.773, 248.857, 1+ALB+AST+ALT+Asn+3MeHis+Phe;0.773, 252.926, 1+ALB+gGT+NEFA+T-BIL+His+Asn;0.773, 246.453, 1+ALB+AST+ALT+Asn+Asp+Val;0.773, 248.225, 1+ALB+AST+ALT+Asn+Arg+Lys;0.773, 248.627, 1+ALB+AST+Asn+Arg+Asp+Tyr;0.773, 248.562, 1+Trp+Phe+TCHO+ALT+ALB+BUN;0.773, 249.910, 1+ALB+BUN+gGT+Glc+Asn+Arg;0.773, 252.897, 1+ALB+NEFA+BHBA+Asn+Arg+Thr;0.773, 253.368, 1+ALB+NEFA+BHBA+Glc+Asn+Thr;0.773, 253.455, 1+ALB+Asn+Arg+Orn+Val+Trp;0.773, 247.022, 1+ALB+ALT+Asn+Asp+Val+Phe;0.773, 250.032, 1+ALB+Asn+3MeHis+Asp+Orn+Val;0.773, 250.614, 1+ALB+BUN+gGT+BHBA+Asn+Orn;0.773, 251.428, 1+ALB+Asn+Asp+Orn+Tyr+Val;0.773, 251.943, 1+Ala+Gly+Trp+Phe+ALB+BUN;0.773, 249.067, 1+ALB+BUN+AST+T-BIL+BHBA+Asn;0.773, 247.831, 1+ALB+AST+NEFA+Asn+Asp+Tyr;0.773, 250.492, 1+ALB+BUN+Ca+BHBA+Asn+Orn;0.773, 254.028, 1+ALB+gGT+NEFA+T-BIL+Asn+Thr;0.773, 250.829, 1+ALB+BUN+gGT+T-BIL+BHBA+Asn;0.773, 248.967, 1+ALB+AST+ALT+T-BIL+Asn+Lys;0.773, 249.373, 1+ALB+AST+ALT+Asn+3MeHis+Val;0.773, 250.500, 1+ALB+BUN+Asn+Arg+Orn+Phe;0.773, 251.634, 1+Ala+Gly+Trp+Lys+ALB+BUN;0.773, 250.071, 1+BCAA+Phe+Glc+ALT+ALB+BUN;0.773, 248.453, 1+ALB+AST+ALT+Asn+3MeHis+Orn;0.773, 248.891, 1+Trp+Phe+Glc+ALT+ALB+BUN;0.773, 250.015, 1+Gly+Phe+ALT+gGT+ALB+BUN;0.773, 248.993, 1+ALB+BUN+AST+gGT+T-BIL+Asn;0.773, 252.304, 1+ALB+Ca+T-BIL+Glc+His+Asn;0.773, 250.170, 1+ALB+BUN+Ca+gGT+Asn+Lys;0.772, 252.250, 1+ALB+Glc+Asn+Thr+Orn+Lys;0.772, 247.188, 1+ALB+BUN+ALT+Asp+Tyr+Phe;0.772, 248.813, 1+ALB+AST+ALT+T-BIL+Glc+Asn;0.772, 249.340, 1+Ala+Thr+Phe+ALT+ALB+BUN;0.772, 250.387, 1+ALB+BUN+gGT+T-BIL+Asn+Arg;0.772, 251.705, 1+ALB+AST+NEFA+BHBA+Asn+Thr;0.772, 254.977, 1+ALB+T-BIL+BHBA+Asn+Thr+Ile;0.772, 252.833, 1+ALB+T-BIL+Glc+Asn+Thr+Ile;0.772, 246.540, 1+ALB+BUN+ALT+Asp+Lys+Trp;0.772, 248.732, 1+Trp+Phe+ALT+ALB+BUN+BHBA;0.772, 248.737, 1+ALB+AST+ALT+BHBA+Asn+Orn;0.772, 249.448, 1+Trp+Lys+ALT+gGT+ALB+BUN;0.772, 250.697, 1+AL

B+AST+BHBA+Asn+Thr+Orn;0.772, 250.992, 1+ALB+AST+gGT+NEFA+His+Asn;0.772, 248.881, 1+ALB+BUN+AST+BHBA+Asn+Arg;0.772, 250.515, 1+Ala+Gly+Trp+His+ALB+BUN;0.772, 249.155, 1+Ala+Phe+TCHO+ALT+ALB+BUN;0.772, 249.361, 1+Ala+Phe+ALT+ALB+BUN+Ca;0.772, 248.922, 1+ALB+Ca+ALT+gGT+Asn+Arg;0.772, 252.763, 1+ALB+Ca+NEFA+Asn+Thr+Orn;0.772, 252.124, 1+ALB+Ca+Glc+His+Asn+Ile;0.772, 254.051, 1+ALB+NEFA+T-BIL+BHBA+Asn+Thr;0.772, 250.516, 1+ALB+AST+Asn+Arg+Thr+Orn;0.772, 250.919, 1+ALB+AST+NEFA+Asn+Orn+Trp;0.772, 248.905, 1+ALB+Ca+ALT+Asn+Arg+Orn;0.772, 250.064, 1+ALB+BUN+Ca+BHBA+Asn+Lys;0.772, 250.832, 1+ALB+NEFA+Asn+Asp+Tyr+Val;0.772, 248.737, 1+ALB+BUN+ALT+Orn+Phe+Trp;0.772, 253.142, 1+ALB+Ca+NEFA+BHBA+His+Asn;0.772, 249.304, 1+ALB+Ca+ALT+Asn+Orn+Lys;0.772, 248.957, 1+ALB+AST+ALT+BHBA+Asn+Lys;0.772, 249.299, 1+ALB+Asn+3MeHis+Asp+Tyr+Val;0.772, 250.983, 1+ALB+AST+Glc+His+Asn+Thr;0.772, 251.440, 1+ALB+AST+Asn+Arg+Tyr+Phe;0.772, 250.042, 1+BCAA+Phe+ALT+ALB+BUN+Ca;0.772, 250.195, 1+ALB+Ca+ALT+gGT+NEFA+Asn;0.772, 254.542, 1+ALB+gGT+NEFA+BHBA+Asn+Thr;0.772, 253.021, 1+ALB+T-BIL+BHBA+Glc+Asn+Ile;0.772, 251.470, 1+ALB+gGT+His+Asn+Arg+Lys;0.772, 251.556, 1+ALB+Asn+Asp+Lys+Tyr+Phe;0.772, 248.309, 1+ALB+AST+ALT+Glc+Asn+Lys;0.772, 248.686, 1+ALB+AST+ALT+T-BIL+Asn+Orn;0.772, 249.229, 1+ALB+BUN+AST+gGT+BHBA+Asn;0.772, 249.776, 1+ALB+AST+T-BIL+His+Asn+Arg;0.772, 251.048, 1+ALB+AST+NEFA+T-BIL+Asn+Orn;0.772, 248.619, 1+ALB+Ca+AST+ALT+His+Asn;0.772, 250.618, 1+ALB+BUN+Ca+gGT+T-BIL+Asn;0.772, 250.017, 1+ALB+BUN+Ca+NEFA+Asn+Arg;0.772, 249.800, 1+ALB+Asn+3MeHis+Asp+Lys+Trp;0.772, 250.811, 1+ALB+AST+NEFA+T-BIL+His+Asn;0.772, 251.320, 1+ALB+AST+Asn+Arg+Lys+Tyr;0.772, 248.643, 1+ALB+AST+ALT+BHBA+Glc+Asn;0.772, 252.096, 1+Ala+Gly+Trp+Arg+ALB+BUN;0.772, 250.579, 1+ALB+AST+BHBA+Glc+His+Asn;0.772, 251.537, 1+ALB+AST+gGT+Asn+Thr+Lys;0.772, 252.137, 1+Ala+Gly+Lys+His+ALB+BUN;0.772, 248.311, 1+Lys+Phe+ALT+ALB+BUN+TP;0.772, 248.912, 1+Phe+His+ALT+ALB+BUN+TP;0.772, 249.049, 1+ALB+AST+Asn+Asp+Lys+Tyr;0

. 772, 248. 859, 1+ALB+BUN+Ca+AST+Asn+Orn; 0. 772, 250. 247, 1+ALB+Ca+ALT+gGT+BHBA+Asn; 0. 772, 250. 448, 1+ALB+BUN+Ca+Asn+Arg+Orn; 0. 772, 250. 095, 1+ALB+BUN+Ca+gGT+Glc+Asn; 0. 772, 250. 482, 1+ALB+BUN+gGT+Asn+Arg+Orn; 0. 772, 251. 779, 1+ALB+Asn+Asp+Orn+Val+Trp; 0. 772, 254. 002, 1+ALB+NEFA+Asn+Arg+Orn+Val; 0. 772, 249. 844, 1+Gly+BCAA+Phe+ALT+ALB+BUN; 0. 772, 251. 481, 1+ALB+AST+BHBA+Asn+Thr+Lys; 0. 772, 248. 494, 1+ALB+BUN+Ca+AST+NEFA+Asn; 0. 772, 249. 350, 1+ALB+AST+ALT+Asn+3MeHis+Tyr; 0. 772, 249. 855, 1+ALB+BUN+gGT+BHBA+Glc+Asn; 0. 772, 249. 961, 1+Phe+Tyr+ALT+ALB+BUN+NEFA; 0. 772, 251. 262, 1+ALB+AST+gGT+Glc+His+Asn; 0. 772, 252. 158, 1+ALB+AST+T-BIL+Asn+Thr+Ile; 0. 772, 251. 064, 1+ALB+AST+Asn+Arg+Phe+Trp; 0. 772, 250. 861, 1+ALB+Ca+AST+Glc+Asn+Ile; 0. 772, 250. 178, 1+ALB+BUN+Ca+Asn+Arg+Lys; 0. 772, 250. 483, 1+ALB+BUN+Ca+gGT+Asn+Orn; 0. 772, 252. 637, 1+ALB+Asn+3MeHis+Arg+Lys+Val; 0. 772, 251. 942, 1+ALB+NEFA+Asn+Asp+Lys+Val; 0. 772, 251. 309, 1+ALB+AST+Asn+Arg+Orn+Trp; 0. 772, 252. 397, 1+Ala+Gly+Trp+TG+ALB+BUN; 0. 772, 252. 407, 1+ALB+AST+T-BIL+BHBA+Asn+Ile; 0. 772, 250. 703, 1+ALB+BUN+Ca+T-BIL+BHBA+Asn; 0. 772, 249. 408, 1+ALB+Ca+ALT+NEFA+Asn+Lys; 0. 772, 251. 824, 1+ALB+BHBA+Glc+His+Asn+Ile; 0. 772, 252. 251, 1+Ala+Trp+Lys+Thr+ALB+BUN; 0. 772, 249. 247, 1+Ala+Phe+ALT+AST+ALB+BUN; 0. 772, 252. 338, 1+ALB+Asn+3MeHis+Arg+Val+Trp; 0. 772, 253. 256, 1+ALB+NEFA+Asn+3MeHis+Lys+Trp; 0. 772, 249. 060, 1+Ala+Trp+ALT+AST+ALB+BUN; 0. 772, 249. 549, 1+BCAA+Thr+Phe+ALT+ALB+BUN; 0. 772, 249. 821, 1+BCAA+Phe+ALT+ALB+BUN+TP; 0. 772, 248. 615, 1+Trp+Lys+His+ALT+ALB+BUN; 0. 772, 249. 000, 1+Phe+His+ALT+ALB+BUN+NEFA; 0. 772, 250. 820, 1+ALB+AST+NEFA+Asn+Arg+Trp; 0. 772, 254. 207, 1+ALB+T-BIL+BHBA+His+Asn+Ile; 0. 772, 252. 867, 1+Ala+Trp+Thr+Phe+ALB+BUN; 0. 772, 251. 354, 1+ALB+AST+NEFA+Asn+Phe+Trp; 0. 772, 249. 238, 1+Trp+Lys+His+ALB+BUN+TP; 0. 772, 249. 421, 1+ALB+Ca+ALT+T-BIL+Asn+Lys; 0. 772, 252. 935, 1+ALB+gGT+Glc+Asn+Thr+Lys; 0. 772, 251. 406, 1+ALB+gGT+His+Asn+Arg+Thr; 0. 772, 253. 324, 1+ALB+Asn+3MeHis+Lys+Phe+Trp; 0. 772, 250. 194, 1+Phe+Tyr+ALT+gGT+ALB+BUN; 0. 772, 250. 247, 1+ALB+AST+gGT+His+Asn+Arg; 0. 772, 250. 709, 1+ALB+AST

+BHBA+Glc+Asn+Ile;0.772, 251.362, 1+ALB+AST+Asn+Arg+Tyr+Val;0.772, 251.249, 1+ALB+Ca+AST+His+Asn+Lys;0.772, 250.691, 1+ALB+Ca+Glc+His+Asn+Arg;0.771, 251.604, 1+ALB+BHBA+His+Asn+Arg+Thr;0.771, 251.546, 1+ALB+gGT+T-BIL+His+Asn+Arg;0.771, 252.824, 1+Ala+Trp+Arg+Tyr+ALB+BUN;0.771, 252.832, 1+ALB+gGT+BHBA+His+Asn+Lys;0.771, 248.917, 1+ALB+AST+ALT+Asn+Lys+Phe;0.771, 248.237, 1+ALB+Ca+AST+ALT+Asn+Arg;0.771, 251.641, 1+ALB+Ca+T-BIL+His+Asn+Arg;0.771, 252.117, 1+ALB+gGT+T-BIL+Glc+His+Asn;0.771, 250.497, 1+ALB+BUN+gGT+BHBA+Asn+Arg;0.771, 248.127, 1+BCAA+Phe+ALT+ALB+BUN;0.771, 248.668, 1+ALB+AST+ALT+gGT+Asn+Orn;0.771, 251.731, 1+ALB+AST+Asn+Val+Phe+Trp;0.771, 249.853, 1+BCAA+Phe+TCHO+ALT+ALB+BUN;0.771, 249.230, 1+ALB+BUN+Ca+AST+gGT+Asn;0.771, 252.871, 1+ALB+T-BIL+Asn+Thr+Orn+Lys;0.771, 254.275, 1+ALB+NEFA+Asn+Lys+Val+Phe;0.771, 250.033, 1+ALB+Asn+3MeHis+Asp+Orn+Lys;0.771, 253.451, 1+Ala+Gly+BCAA+Lys+ALB+BUN;0.771, 248.892, 1+ALB+AST+ALT+gGT+Asn+Lys;0.771, 248.993, 1+Lys+Phe+ALT+gGT+ALB+BUN;0.771, 252.524, 1+ALB+AST+BHBA+Asn+Thr+Ile;0.771, 249.244, 1+Phe+His+TG+ALT+ALB+BUN;0.771, 251.671, 1+Lys+Phe+His+ALB+BUN+TP;0.771, 250.355, 1+ALB+BUN+Ca+T-BIL+Asn+Arg;0.771, 252.925, 1+ALB+gGT+Glc+Asn+Thr+Ile;0.771, 254.043, 1+ALB+Asn+Lys+Val+Phe+Trp;0.771, 249.653, 1+ALB+AST+ALT+gGT+BHBA+Asn;0.771, 250.041, 1+Gly+Phe+Tyr+ALT+ALB+BUN;0.771, 251.475, 1+ALB+AST+Asn+3MeHis+Lys+Val;0.771, 252.218, 1+ALB+AST+His+Asn+Thr+Ile;0.771, 248.862, 1+ALB+BUN+Ca+AST+T-BIL+Asn;0.771, 254.759, 1+ALB+Asn+3MeHis+Tyr+Val+Phe;0.771, 252.841, 1+ALB+Asn+Arg+Thr+Orn+Lys;0.771, 250.126, 1+BCAA+Phe+Tyr+ALT+ALB+BUN;0.771, 248.274, 1+ALB+BUN+ALT+3MeHis+Lys+Phe;0.771, 249.455, 1+ALB+BUN+ALT+NEFA+3MeHis+Phe;0.771, 248.070, 1+Trp+Lys+ALT+ALB+BUN+TP;0.771, 248.848, 1+Trp+Phe+ALT+ALB+BUN+Ca;0.771, 252.689, 1+ALB+Ca+gGT+His+Asn+Lys;0.771, 249.485, 1+ALB+Ca+ALT+BHBA+Asn+Lys;0.771, 249.657, 1+ALB+AST+ALT+gGT+T-BIL+Asn;0.771, 250.947, 1+ALB+AST+Glc+Asn+Thr+Lys;0.771, 249.977, 1+BCAA+Phe+TG+ALT+ALB+BUN;0.771, 248.789, 1+ALB+Ca+AST+ALT+Glc+Asn;0.771, 252.

647, 1+ALB+Ca+NEFA+T-BIL+His+Asn;0.771, 253.104, 1+ALB+NEFA+T-BIL+Glc+Asn+Lys;0.771, 249.928, 1+ALB+Asn+3MeHis+Asp+Lys+Phe;0.771, 248.672, 1+Ala+Lys+His+ALT+ALB+BUN;0.771, 250.033, 1+ALB+Asn+3MeHis+Asp+Phe+Trp;0.771, 252.133, 1+ALB+AST+Asn+Orn+Lys+Val;0.771, 251.189, 1+ALB+AST+NEFA+Asn+3MeHis+Lys;0.771, 249.321, 1+ALB+AST+NEFA+Asn+Asp+Lys;0.771, 251.896, 1+ALB+Asn+Asp+Lys+Val+Trp;0.771, 251.097, 1+ALB+Asn+Arg+Asp+Tyr+Val;0.771, 251.459, 1+ALB+Asn+Asp+Lys+Tyr+Val;0.771, 250.595, 1+Ala+Gly+Trp+ALB+BUN;0.771, 250.601, 1+ALB+AST+Asn+3MeHis+Orn+Trp;0.771, 252.575, 1+ALB+Ca+BHBA+His+Asn+Lys;0.771, 252.943, 1+ALB+BHBA+Asn+Thr+Orn+Lys;0.771, 252.433, 1+Ala+Trp+Lys+Phe+ALB+BUN;0.771, 253.592, 1+ALB+Asn+3MeHis+Val+Phe+Trp;0.771, 251.754, 1+ALB+AST+NEFA+BHBA+Asn+Lys;0.771, 251.527, 1+ALB+Ca+AST+Asn+Thr+Lys;0.771, 254.165, 1+ALB+T-BIL+His+Asn+Thr+Ile;0.771, 253.695, 1+ALB+NEFA+T-BIL+BHBA+Asn+Orn;0.771, 253.492, 1+ALB+NEFA+Asn+Arg+Val+Trp;0.771, 249.988, 1+ALB+NEFA+Asn+3MeHis+Asp+Lys;0.771, 248.860, 1+ALB+Ca+ALT+Asn+Arg+Lys;0.771, 249.901, 1+ALB+BUN+Ca+BHBA+Glc+Asn;0.771, 253.258, 1+ALB+NEFA+Asn+3MeHis+Orn+Trp;0.771, 254.257, 1+ALB+NEFA+Asn+Val+Phe+Trp;0.771, 248.961, 1+Gly+Lys+Phe+ALT+ALB+BUN;0.771, 249.993, 1+ALB+BUN+ALT+NEFA+Val+Phe;0.771, 252.575, 1+Ala+Gly+Trp+ALB+BUN+NEFA;0.771, 251.882, 1+ALB+AST+T-BIL+His+Asn+Ile;0.771, 252.900, 1+ALB+AST+Asn+Lys+Tyr+Phe;0.771, 250.854, 1+ALB+Ca+AST+NEFA+His+Asn;0.771, 252.983, 1+ALB+Ca+NEFA+His+Asn+Thr;0.771, 248.868, 1+ALB+BUN+Ca+AST+Asn+Arg;0.771, 250.447, 1+ALB+BUN+Ca+BHBA+Asn+Arg;0.771, 252.736, 1+ALB+gGT+T-BIL+Glc+Asn+Ile;0.771, 252.594, 1+Ala+Gly+Trp+Glc+ALB+BUN;0.771, 249.485, 1+ALB+Ca+ALT+gGT+Asn+Lys;0.771, 252.957, 1+ALB+NEFA+T-BIL+Glc+Asn+Orn;0.771, 253.276, 1+ALB+Asn+3MeHis+Orn+Phe+Trp;0.771, 250.024, 1+ALB+Asn+3MeHis+Arg+Asp+Lys;0.771, 251.066, 1+ALB+AST+Asn+Arg+Thr+Lys;0.771, 250.171, 1+ALB+AST+BHBA+His+Asn+Arg;0.771, 250.155, 1+ALB+Ca+ALT+gGT+T-BIL+Asn;0.771, 252.561, 1+ALB+gGT+Glc+His+Asn+Thr;0.771, 252.908, 1+ALB+gGT+Asn+Thr+Orn+Lys;0.771, 253.30

7, 1+ALB+T-BIL+BHBA+Asn+Thr+Orn;0.771, 253.337, 1+ALB+NEFA+Glc+Asn+Orn+Lys;0.771, 254.755, 1+ALB+NEFA+Asn+3MeHis+Tyr+Val;0.771, 249.536, 1+ALB+BUN+ALT+Arg+Val+Phe;0.771, 251.028, 1+Ala+Trp+Phe+ALB+BUN;0.771, 249.982, 1+ALB+Asn+3MeHis+Arg+Asp+Trp;0.771, 248.888, 1+ALB+AST+NEFA+Asn+Asp+Trp;0.771, 252.476, 1+ALB+Ca+Glc+Asn+Thr+Orn;0.771, 249.663, 1+ALB+AST+ALT+T-BIL+BHBA+Asn;0.771, 253.509, 1+ALB+gGT+T-BIL+Asn+Thr+Lys;0.771, 250.478, 1+ALB+NEFA+Asn+3MeHis+Asp+Val;0.771, 253.637, 1+ALB+NEFA+Asn+3MeHis+Val+Trp;0.771, 249.949, 1+Thr+Phe+Tyr+ALT+ALB+BUN;0.771, 252.575, 1+Ala+Gly+Trp+Thr+ALB+BUN;0.771, 251.440, 1+ALB+AST+NEFA+BHBA+Asn+Orn;0.771, 249.189, 1+Gly+Phe+His+ALT+ALB+BUN;0.771, 251.464, 1+ALB+AST+NEFA+Asn+Orn+Lys;0.770, 252.852, 1+ALB+NEFA+T-BIL+Glc+Asn+Arg;0.770, 250.168, 1+Phe+Glc+ALT+gGT+ALB+BUN;0.770, 246.670, 1+ALB+AST+Asn+3MeHis+Asp+Tyr;0.770, 251.385, 1+ALB+AST+Asn+Orn+Lys+Trp;0.770, 250.400, 1+ALB+BUN+Ca+gGT+Asn+Arg;0.770, 250.040, 1+ALB+Asn+3MeHis+Arg+Asp+Val;0.770, 252.936, 1+Ala+Trp+Arg+Phe+ALB+BUN;0.770, 253.005, 1+Ala+Trp+Phe+gGT+ALB+BUN;0.770, 249.066, 1+ALB+BUN+ALT+Orn+Lys+Phe;0.770, 251.765, 1+ALB+NEFA+Asn+Asp+Val+Trp;0.770, 252.322, 1+ALB+NEFA+Asn+Asp+Orn+Val;0.770, 252.893, 1+ALB+AST+Asn+Lys+Tyr+Val;0.770, 247.370, 1+ALB+AST+Asn+3MeHis+Asp+Trp;0.770, 249.799, 1+Gly+Phe+TCHO+ALT+ALB+BUN;0.770, 253.121, 1+ALB+Ca+gGT+NEFA+His+Asn;0.770, 253.310, 1+ALB+Ca+NEFA+Glc+Asn+Thr;0.770, 252.382, 1+ALB+gGT+Glc+Asn+Thr+Orn;0.770, 245.671, 1+ALB+BUN+ALT+3MeHis+Asp+Lys;0.770, 248.086, 1+Gly+Phe+ALT+ALB+BUN;0.770, 249.566, 1+Trp+Lys+Tyr+ALT+ALB+BUN;0.770, 249.566, 1+ALB+BUN+ALT+Orn+Lys+Trp;0.770, 250.934, 1+ALB+AST+Asn+3MeHis+Lys+Trp;0.770, 249.936, 1+Phe+Tyr+TCHO+ALT+ALB+BUN;0.770, 250.207, 1+Phe+Tyr+Glc+ALT+ALB+BUN;0.770, 253.004, 1+Ala+Trp+Phe+TG+ALB+BUN;0.770, 253.015, 1+Ala+Trp+Phe+Glc+ALB+BUN;0.770, 251.970, 1+ALB+AST+T-BIL+His+Asn+Thr;0.770, 247.566, 1+Trp+Lys+ALT+ALB+BUN;0.770, 250.682, 1+ALB+AST+NEFA+Glc+Asn+Orn;0.770, 252.478, 1+ALB+AST+gGT+T-BIL+Asn+Ile;0.770, 248.624, 1+Trp+Phe+

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1+ALB+Ca+T-BIL+Glc+Asn+Ile;0.770,250.422,1+ALB+BHBA+Glc+His+Asn+Arg;
0.770,252.247,1+ALB+NEFA+T-BIL+Asn+Arg+Thr;0.770,253.103,1+ALB+NEFA+A
sn+3MeHis+Arg+Val;0.770,249.485,1+ALB+BUN+ALT+NEFA+Arg+Phe;0.770,248.
956,1+ALB+BUN+ALT+NEFA+Lys+Phe;0.770,252.194,1+ALB+AST+Asn+Orn+Val+Ph
e;0.770,249.565,1+Trp+Lys+Thr+ALT+ALB+BUN;0.770,250.958,1+ALB+AST+NEF
A+Asn+3MeHis+Trp;0.770,252.971,1+ALB+Ca+Glc+Asn+Thr+Lys;0.770,252.710
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IL+Asn+Arg+Thr;0.770,249.537,1+Gly+Trp+Lys+ALT+ALB+BUN;0.770,254.049,
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-BIL+Glc+Asn+Thr;0.770,252.384,1+ALB+AST+gGT+His+Asn+Ile;0.770,249.56
5,1+Trp+Lys+Glc+ALT+ALB+BUN;0.770,250.904,1+Ala+Trp+Lys+AST+ALB+BUN;0
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g+Thr+Orn;0.770,252.420,1+ALB+BHBA+Glc+Asn+Thr+Orn;0.770,254.106,1+AL
B+NEFA+BHBA+Asn+Orn+Lys;0.770,248.869,1+ALB+BUN+AST+ALT+Lys+Phe;0.770
,249.321,1+ALB+BUN+AST+ALT+3MeHis+Phe;0.770,251.358,1+Ala+Trp+Lys+ALB
+BUN+TP;0.770,249.563,1+Trp+Lys+ALT+ALB+BUN+NEFA;0.770,251.551,1+ALB+
AST+gGT+NEFA+Asn+Thr;0.770,251.622,1+ALB+AST+Asn+Lys+Phe+Trp;0.770,25
0.116,1+ALB+Ca+ALT+T-BIL+BHBA+Asn;0.770,250.639,1+ALB+Ca+AST+Asn+Thr+
Orn;0.770,253.493,1+ALB+NEFA+Asn+3MeHis+Orn+Lys;0.770,253.753,1+ALB+A
sn+Arg+Lys+Val+Trp;0.770,253.291,1+ALB+NEFA+Glc+Asn+Arg+Orn;0.770,250
.347,1+ALB+NEFA+Asn+3MeHis+Arg+Asp;0.770,251.497,1+ALB+Ca+AST+NEFA+As
n+Thr;0.770,248.874,1+ALB+Ca+AST+ALT+Asn+Lys;0.770,253.406,1+ALB+Ca+T
-BIL+Asn+Thr+Lys;0.770,252.695,1+ALB+Glc+Asn+Arg+Thr+Lys;0.770,253.67
4,1+ALB+gGT+NEFA+T-BIL+Asn+Orn;0.770,248.955,1+ALB+BUN+ALT+3MeHis+Orn
+Phe;0.770,252.585,1+Ala+Gly+Trp+gGT+ALB+BUN;0.770,247.717,1+ALB+BUN+

ALT+Arg+Asp+Trp;0.770,249.209,1+ALB+AST+Asn+Asp+Val+Trp;0.770,254.311
 ,1+ALB+T-BIL+BHBA+His+Asn+Thr;0.770,253.103,1+ALB+T-BIL+Asn+Arg+Thr+O
rn;0.770,252.525,1+Ala+Trp+Ly
s+Glc+ALB+BUN;0.770,253.292,1+ALB+NEFA+Glc+Asn+Arg+Lys;0.770,250.244,
1+ALB+BUN+ALT+Tyr+Val+Phe;0.770,250.051,1+ALB+Asn+3MeHis+Asp+Orn+Trp;
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EFA+T-BIL+Asn+Arg;0.770,250.850,1+ALB+AST+Asn+3MeHis+Val+Trp;0.770,25
2.522,1+Ala+Trp+Arg+Lys+ALB+BUN;0.770,253.433,1+ALB+NEFA+BHBA+Glc+Asn
+Arg;0.770,253.848,1+ALB+NEFA+Asn+Orn+Lys+Trp;0.770,253.935,1+ALB+NEF
A+Asn+Lys+Phe+Trp;0.770,249.579,1+ALB+BUN+ALT+NEFA+Orn+Phe;0.770,251.
859,1+ALB+AST+Asn+3MeHis+Lys+Phe;0.770,248.664,1+ALB+Ca+AST+ALT+Asn+O
rn;0.770,254.461,1+ALB+BHBA+His+Asn+Thr+Ile;0.770,253.791,1+ALB+Asn+A
rg+Val+Phe+Trp;0.770,247.408,1+ALB+BUN+ALT+NEFA+Asp+Phe;0.770,251.802
 ,1+ALB+AST+NEFA+Asn+Lys+Phe;0.770,249.435,1+Trp+Lys+ALT+ALB+BUN+BHBA;
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sn+Orn+Phe+Trp;0.770,252.314,1+ALB+Ca+AST+Asn+Thr+Ile;0.770,251.535,1
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+3MeHis+Lys+Phe;0.770,254.006,1+ALB+Asn+Orn+Lys+Phe+Trp;0.770,250.481
 ,1+ALB+Asn+3MeHis+Asp+Val+Phe;0.770,249.564,1+ALB+AST+Asn+Asp+Lys+Trp
 ;0.769,250.220,1+ALB+ALT+gGT+T-BIL+BHBA+Asn;0.769,253.255,1+ALB+Asn+3
MeHis+Arg+Val+Phe;0.769,253.850,1+ALB+NEFA+Asn+Arg+Lys+Val;0.769,252.
864,1+ALB+Asn+3MeHis+Arg+Orn+Trp;0.769,253.078,1+ALB+NEFA+Asn+3MeHis+
Arg+Lys;0.769,247.398,1+ALB+BUN+ALT+Asp+Orn+Phe;0.769,250.321,1+ALB+A
ST+Asn+3MeHis+Arg+Trp;0.769,251.959,1+ALB+AST+Asn+Arg+Orn+Val;0.769,2
53.248,1+ALB+NEFA+Asn+3MeHis+Arg+Orn;0.769,253.738,1+ALB+NEFA+Asn+Arg
+Lys+Trp;0.769,252.249,1+ALB+Ca+AST+T-BIL+Asn+Ile;0.769,253.158,1+ALB
+Ca+Glc+Asn+Thr+Ile;0.769,252.782,1+ALB+Ca+Glc+His+Asn+Thr;0.769,253.

269, 1+ALB+Ca+BHBA+Asn+Thr+Orn;0.769, 252.512, 1+Ala+Trp+Lys+TG+ALB+BUN;
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is+Arg+Asp+Phe;0.769, 251.840, 1+Ala+Gly+Trp+ALB+BUN+TP;0.769, 249.474, 1
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9, 254.228, 1+ALB+Ca+His+Asn+Thr+Ile;0.769, 253.821, 1+ALB+Ca+NEFA+T-BIL+
Asn+Thr;0.769, 250.366, 1+ALB+Asn+3MeHis+Arg+Asp+Orn;0.769, 253.965, 1+Al
a+Gly+Lys+TG+ALB+BUN;0.769, 247.457, 1+ALB+BUN+ALT+Arg+Asp+Phe;0.769, 25
2.529, 1+ALB+AST+gGT+Asn+Thr+Ile;0.769, 252.348, 1+ALB+AST+BHBA+His+Asn+
Ile;0.769, 251.477, 1+ALB+AST+Asn+Arg+Lys+Trp;0.769, 252.521, 1+Ala+Gly+T
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ALB+BUN+Ca+gGT+BHBA+Asn;0.769, 254.453, 1+ALB+Ca+NEFA+BHBA+Asn+Thr;0.76
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sn+Ile;0.769, 253.278, 1+ALB+gGT+BHBA+Asn+Thr+Orn;0.769, 253.201, 1+Ala+T
rp+Arg+TG+ALB+BUN;0.769, 254.324, 1+ALB+gGT+His+Asn+Thr+Ile;0.769, 254.8
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9, 251.222, 1+ALB+AST+NEFA+T-BIL+Glc+Asn;0.769, 251.786, 1+ALB+Asn+Asp+Ly
s+Phe+Trp;0.769, 252.525, 1+Ala+Gly+Trp+ALB+BUN+BHBA;0.769, 251.977, 1+AL
B+AST+NEFA+Asn+3MeHis+Tyr;0.769, 252.853, 1+ALB+AST+gGT+BHBA+Asn+Ile;0.
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eHis+Orn+Lys;0.769, 252.089, 1+ALB+AST+NEFA+T-BIL+BHBA+Asn;0.769, 249.02
6, 1+ALB+AST+Asn+Asp+Phe+Trp;0.769, 249.056, 1+Trp+Lys+TCHO+ALT+ALB+BUN;
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+His+Asn+Thr;0.769, 255.088, 1+ALB+gGT+BHBA+Asn+Thr+Ile;0.769, 253.238, 1
+ALB+Asn+3MeHis+Arg+Orn+Lys;0.769, 249.969, 1+ALB+BUN+ALT+Thr+Lys+Ile;0
.769, 249.506, 1+Trp+Lys+ALT+ALB+BUN+Ca;0.769, 249.824, 1+Trp+Arg+TG+ALT+

ALB+BUN;0.769, 253.022, 1+ALB+gGT+NEFA+Asn+Arg+Thr;0.769, 253.059, 1+ALB+T-BIL+Glc+Asn+Arg+Thr;0.769, 253.273, 1+ALB+gGT+T-BIL+Asn+Thr+Orn;0.769, 253.763, 1+ALB+NEFA+Asn+3MeHis+Orn+Phe;0.769, 254.335, 1+ALB+NEFA+Asn+Orn+Lys+Phe;0.769, 253.725, 1+ALB+NEFA+Asn+Arg+Orn+Trp;0.769, 254.764, 1+ALB+gGT+NEFA+T-BIL+BHBA+Asn;0.769, 253.274, 1+ALB+NEFA+T-BIL+Asn+Arg+Orn;0.769, 251.240, 1+ALB+AST+NEFA+Asn+Arg+Orn;0.769, 254.885, 1+ALB+Ca+T-BIL+Asn+Thr+Ile;0.769, 252.854, 1+ALB+Ca+Asn+Thr+Orn+Lys;0.769, 251.665, 1+ALB+Ca+gGT+His+Asn+Arg;0.769, 254.960, 1+ALB+gGT+T-BIL+Asn+Thr+Ile;0.769, 255.089, 1+ALB+gGT+T-BIL+BHBA+Asn+Ile;0.769, 252.349, 1+ALB+AST+T-BIL+BHBA+His+Asn;0.769, 252.699, 1+ALB+BUN+3MeHis+Lys+Val+Phe;0.769, 252.540, 1+ALB+AST+gGT+His+Asn+Thr;0.769, 250.887, 1+ALB+AST+Glc+Asn+Arg+Thr;0.769, 250.620, 1+ALB+AST+NEFA+Asn+3MeHis+Arg;0.769, 251.137, 1+ALB+AST+Asn+3MeHis+Phe+Trp;0.769, 252.200, 1+Ala+Trp+Lys+TCHO+ALB+BUN;0.769, 253.471, 1+ALB+gGT+NEFA+Glc+Asn+Lys;0.769, 254.368, 1+ALB+gGT+NEFA+BHBA+Asn+Lys;0.769, 252.135, 1+Ala+Trp+Lys+ALB+BUN+NEFA;0.769, 253.804, 1+ALB+NEFA+T-BIL+BHBA+Asn+Lys;0.769, 247.519, 1+ALB+BUN+ALT+Asp+Val+Phe;0.769, 247.518, 1+ALB+BUN+ALT+Asp+Lys+Val;0.769, 252.199, 1+Gly+Trp+Lys+AST+ALB+TP;0.769, 249.577, 1+ALB+Ca+AST+ALT+BHBA+Asn;0.769, 255.077, 1+ALB+Ca+T-BIL+BHBA+Asn+Ile;0.769, 253.465, 1+ALB+Ca+NEFA+Glc+Asn+Lys;0.769, 253.700, 1+ALB+Asn+3MeHis+Orn+Lys+Phe;0.769, 253.716, 1+ALB+gGT+NEFA+T-BIL+Glc+Asn;0.769, 253.809, 1+ALB+gGT+NEFA+T-BIL+Asn+Lys;0.769, 253.443, 1+ALB+NEFA+BHBA+Glc+Asn+Orn;0.769, 252.297, 1+ALB+NEFA+Asn+Arg+Asp+Lys;0.769, 253.980, 1+Ala+Gly+Lys+Glc+ALB+BUN;0.769, 249.236, 1+Trp+Arg+Lys+ALT+ALB+BUN;0.769, 251.430, 1+ALB+AST+BHBA+Asn+Arg+Thr;0.769, 250.037, 1+Trp+Lys+AST+ALB+BUN+TP;0.769, 249.570, 1+Ala+Lys+ALT+ALB+BUN+NEFA;0.769, 252.008, 1+Ala+Gly+Lys+ALB+BUN;0.769, 252.586, 1+Ala+BCAA+Trp+Arg+ALB+BUN;0.769, 253.220, 1+Ala+Trp+Arg+Thr+ALB+BUN;0.769, 249.469, 1+ALB+BUN+ALT+Arg+Orn+Phe;0.769, 252.294, 1+ALB+NEFA+Asn+Asp+Orn+Lys;0.769, 252.884, 1+ALB+NEFA+As

n+3MeHis+Arg+Trp;0.769, 251.849, 1+ALB+NEFA+Asn+Asp+Phe+Trp;0.769, 249.586, 1+ALB+Ca+AST+ALT+T-BIL+Asn;0.768, 254.454, 1+ALB+gGT+BHBA+His+Asn+Ile;0.768, 253.013, 1+ALB+gGT+Asn+Arg+Thr+Orn;0.768, 254.372, 1+ALB+NEFA+Asn+Arg+Val+Phe;0.768, 253.718, 1+ALB+NEFA+Asn+Arg+Phe+Trp;0.768, 249.561, 1+ALB+Ca+AST+ALT+gGT+Asn;0.768, 253.361, 1+ALB+Asn+3MeHis+Arg+Orn+Phe;0.768, 253.706, 1+ALB+gGT+BHBA+Asn+Thr+Lys;0.768, 249.407, 1+Ala+Gly+Lys+ALT+ALB+BUN;0.768, 247.415, 1+ALB+BUN+ALT+Asp+Orn+Lys;0.768, 247.489, 1+ALB+BUN+ALT+NEFA+Asp+Lys;0.768, 247.540, 1+ALB+BUN+ALT+Asp+Lys+Tyr;0.768, 249.126, 1+Trp+Lys+ALT+AST+ALB+BUN;0.768, 249.126, 1+ALB+BUN+AST+ALT+Lys+Trp;0.768, 252.574, 1+ALB+Ca+AST+BHBA+Asn+Ile;0.768, 255.022, 1+ALB+Ca+BHBA+Asn+Thr+Ile;0.768, 251.876, 1+ALB+NEFA+Asn+Asp+Lys+Trp;0.768, 251.950, 1+ALB+NEFA+Asn+Asp+Orn+Trp;0.768, 251.355, 1+ALB+AST+gGT+NEFA+Asn+Orn;0.768, 252.177, 1+ALB+AST+NEFA+Asn+Tyr+Val;0.768, 249.783, 1+ALB+AST+Asn+Asp+Tyr+Phe;0.768, 250.420, 1+Ala+Gly+Trp+AST+ALB+BUN;0.768, 253.005, 1+ALB+Ca+gGT+Glc+Asn+Ile;0.768, 252.129, 1+Ala+Gly+Trp+TCHO+ALB+BUN;0.768, 251.874, 1+ALB+Ca+BHBA+His+Asn+Arg;0.768, 254.192, 1+ALB+gGT+T-BIL+His+Asn+Thr;0.768, 253.837, 1+ALB+Asn+Arg+Lys+Phe+Trp;0.768, 251.558, 1+ALB+AST+gGT+NEFA+Asn+Lys;0.768, 253.064, 1+Ala+Gly+Trp+Lys+AST+ALB;0.768, 254.307, 1+ALB+Ca+BHBA+His+Asn+Ile;0.768, 254.589, 1+ALB+NEFA+Asn+3MeHis+Val+Phe;0.768, 252.963, 1+BCAA+Trp+Lys+gGT+ALB+BUN;0.768, 253.997, 1+Ala+Gly+Lys+Thr+ALB+BUN;0.768, 251.310, 1+ALB+AST+NEFA+Asn+Arg+Lys;0.768, 253.572, 1+ALB+Ca+BHBA+Asn+Thr+Lys;0.768, 252.362, 1+Ala+Trp+Lys+ALB+BUN+BHBA;0.768, 249.454, 1+Ala+Arg+Lys+ALT+ALB+BUN;0.768, 248.678, 1+ALB+BUN+ALT+3MeHis+Arg+Phe;0.768, 247.687, 1+ALB+AST+Asn+3MeHis+Asp+Lys;0.768, 252.366, 1+Ala+Gly+Trp+Arg+AST+ALB;0.768, 254.139, 1+ALB+NEFA+Asn+Arg+Orn+Lys;0.768, 252.081, 1+ALB+Asn+Arg+Asp+Val+Trp;0.768, 252.493, 1+ALB+NEFA+Asn+Asp+Orn+Phe;0.768, 250.469, 1+ALB+NEFA+Asn+3MeHis+Asp+Orn;0.768, 250.491, 1+ALB+Asn+3MeHis+Asp+Orn+Phe;0.768, 252.101, 1+ALB+AST+gGT+Glc+Asn+T

hr;0.768,249.419,1+Trp+Lys+TG+ALT+ALB+BUN;0.768,250.061,1+BCAA+Trp+Arg+ALT+ALB+BUN;0.768,250.173,1+ALB+BUN+ALT+Arg+Tyr+Trp;0.768,250.333,1+BCAA+Lys+Thr+ALT+ALB+BUN;0.768,251.359,1+ALB+AST+gGT+NEFA+Glc+Asn;0.768,250.556,1+BCAA+Trp+Lys+ALB+BUN+TP;0.768,252.309,1+ALB+AST+gGT+T-BIL+His+Asn;0.768,251.409,1+ALB+AST+Asn+3MeHis+Orn+Phe;0.768,253.305,1+ALB+BHBA+Asn+Arg+Thr+Lys;0.768,253.963,1+ALB+gGT+T-BIL+Glc+Asn+Thr;0.768,250.606,1+ALB+NEFA+Asn+3MeHis+Asp+Phe;0.768,253.418,1+ALB+NEFA+T-BIL+BHBA+Asn+Arg;0.768,252.137,1+ALB+NEFA+Asn+Asp+Lys+Phe;0.768,249.212,1+ALB+BUN+ALT+3MeHis+Lys+Trp;0.768,252.458,1+Ala+Trp+Lys+ALB+BUN+Ca;0.768,251.066,1+Ala+Arg+Glc+ALT+ALB+BUN;0.768,253.350,1+ALB+NEFA+Asn+3MeHis+Arg+Phe;0.768,253.670,1+Ala+Gly+Lys+ALB+BUN+BHBA;0.768,253.919,1+ALB+NEFA+BHBA+Asn+Arg+Orn;0.768,252.252,1+ALB+BUN+3MeHis+Lys+Val+Trp;0.768,252.936,1+BCAA+Trp+Lys+Thr+ALB+BUN;0.768,252.431,1+ALB+AST+Asn+3MeHis+Tyr+Phe;0.768,253.158,1+ALB+T-BIL+Asn+Arg+Thr+Lys;0.768,254.467,1+ALB+gGT+BHBA+His+Asn+Thr;0.768,254.610,1+Ala+Gly+BCAA+Trp+Lys+ALB;0.768,251.915,1+ALB+Asn+Asp+Orn+Phe+Trp;0.768,252.526,1+ALB+NEFA+Asn+Arg+Asp+Val;0.768,254.042,1+ALB+Ca+T-BIL+His+Asn+Ile;0.768,254.234,1+ALB+Ca+NEFA+BHBA+Asn+Lys;0.768,253.673,1+ALB+NEFA+T-BIL+BHBA+Glc+Asn;0.768,253.811,1+ALB+Asn+Arg+Orn+Phe+Trp;0.768,251.250,1+Ala+Trp+Arg+ALB+BUN;0.768,253.234,1+ALB+Asn+3MeHis+Arg+Lys+Phe;0.768,254.011,1+ALB+Asn+Arg+Orn+Lys+Trp;0.768,250.453,1+Ala+Arg+Thr+ALT+ALB+BUN;0.768,249.809,1+ALB+BUN+AST+ALT+NEFA+Phe;0.768,247.535,1+ALB+BUN+ALT+Arg+Asp+Lys;0.768,250.867,1+ALB+AST+Asn+3MeHis+Arg+Orn;0.768,253.050,1+ALB+Ca+Asn+Arg+Thr+Orn;0.768,248.018,1+ALB+BUN+ALT+Asp+Orn+Trp;0.768,253.686,1+Ala+Gly+Arg+Lys+ALB+BUN;0.768,254.177,1+ALB+gGT+T-BIL+His+Asn+Ile;0.768,250.150,1+ALB+BUN+ALT+NEFA+Arg+Trp;0.768,250.150,1+Trp+Arg+ALT+ALB+BUN+NEFA;0.768,250.714,1+ALB+AST+Asn+3MeHis+Arg+Val;0.768,251.474,1+BCAA+Trp+Lys+AST+ALB+BUN;0.768,252.673,1+ALB+Ca+gGT+Glc+Hi

s+Asn;0.768,254.632,1+ALB+Asn+Arg+Orn+Lys+Val;0.768,248.187,1+Trp+Arg+ALT+ALB+BUN;0.768,250.168,1+Trp+Arg+ALT+gGT+ALB+BUN;0.768,248.156,1+ALB+BUN+ALT+Asp+Val+Trp;0.767,253.187,1+ALB+Ca+BHBA+Glc+Asn+Ile;0.767,253.188,1+ALB+Ca+gGT+Asn+Thr+Orn;0.767,253.899,1+ALB+T-BIL+BHBA+Asn+Arg+Thr;0.767,252.990,1+Ala+Trp+Arg+ALB+BUN+NEFA;0.767,250.176,1+Trp+Arg+ALT+ALB+BUN+BHBA;0.767,250.673,1+ALB+AST+NEFA+Glc+Asn+Arg;0.767,252.365,1+ALB+AST+BHBA+His+Asn+Thr;0.767,249.764,1+ALB+BUN+ALT+His+Thr+Lys;0.767,253.342,1+ALB+gGT+NEFA+Glc+Asn+Orn;0.767,248.962,1+ALB+BUN+ALT+Arg+Lys+Phe;0.767,250.093,1+ALB+BUN+AST+ALT+Tyr+Phe;0.767,247.358,1+ALB+BUN+AST+ALT+Asp+Phe;0.767,254.351,1+ALB+Ca+T-BIL+BHBA+His+Asn;0.767,253.507,1+ALB+Ca+NEFA+T-BIL+Asn+Orn;0.767,252.252,1+ALB+Asn+Asp+Orn+Lys+Trp;0.767,252.525,1+Ala+Trp+Arg+ALB+BUN+TP;0.767,252.996,1+ALB+BUN+Lys+Val+Phe+Trp;0.767,249.260,1+Trp+Arg+ALT+ALB+BUN+TP;0.767,249.812,1+ALB+BUN+ALT+3MeHis+Arg+Trp;0.767,251.209,1+ALB+ALT+Arg+Tyr+Phe+Trp;0.767,250.949,1+ALB+AST+Asn+3MeHis+Arg+Lys;0.767,251.436,1+ALB+AST+NEFA+BHBA+Glc+Asn;0.767,247.798,1+ALB+AST+Asn+3MeHis+Arg+Asp;0.767,252.874,1+Ala+Trp+Arg+TCHO+ALB+BUN;0.767,249.806,1+Trp+Arg+TCHO+ALT+ALB+BUN;0.767,253.044,1+ALB+Ca+NEFA+Asn+Arg+Thr;0.767,252.200,1+ALB+gGT+BHBA+Glc+His+Asn;0.767,253.242,1+ALB+gGT+Asn+Arg+Thr+Lys;0.767,253.268,1+ALB+NEFA+T-BIL+Asn+Arg+Lys;0.767,252.498,1+ALB+NEFA+Asn+Arg+Asp+Orn;0.767,250.178,1+ALB+BUN+ALT+Arg+Val+Trp;0.767,252.202,1+Ala+Gly+Lys+AST+ALB+BUN;0.767,253.034,1+Ala+BCCA+Trp+TCHO+ALB+BUN;0.767,254.175,1+ALB+Ca+NEFA+BHBA+Asn+Orn;0.767,254.254,1+ALB+NEFA+Asn+Arg+Orn+Phe;0.767,252.259,1+ALB+Asn+Arg+Asp+Orn+Trp;0.767,251.978,1+ALB+NEFA+Asn+Arg+Asp+Trp;0.767,250.710,1+ALB+AST+Asn+Arg+Asp+Lys;0.767,250.247,1+ALB+AST+Asn+Asp+Orn+Val;0.767,249.393,1+ALB+AST+NEFA+Asn+Asp+Orn;0.767,249.431,1+ALB+AST+NEFA+Asn+Arg+Asp;0.767,253.709,1+ALB+Ca+NEFA+T-BIL+Glc+Asn;0.767,254.445,

1+ALB+Ca+gGT+NEFA+Asn+Thr;0.767,253.989,1+Ala+Gly+Lys+gGT+ALB+BUN;0.767,254.303,1+ALB+gGT+NEFA+Asn+Orn+Lys;0.767,251.344,1+Ala+BCAA+Trp+ALB+BUN;0.767,250.133,1+ALB+BUN+ALT+His+Orn+Lys;0.767,250.141,1+ALB+BUN+ALT+Arg+Orn+Trp;0.767,249.351,1+ALB+BUN+ALT+His+Arg+Lys;0.767,251.402,1+ALB+AST+NEFA+Asn+Arg+Phe;0.767,254.448,1+ALB+T-BIL+BHBA+Glc+Asn+Lys;0.767,253.286,1+ALB+gGT+NEFA+Glc+Asn+Arg;0.767,254.430,1+ALB+gGT+T-BIL+BHBA+His+Asn;0.767,249.717,1+Ala+Lys+Thr+ALT+ALB+BUN;0.767,252.526,1+BCAA+Trp+Lys+ALB+BUN+NEFA;0.767,253.237,1+Ala+Trp+Arg+Glc+ALB+BUN;0.767,250.378,1+ALB+BUN+ALT+T-BIL+Lys+Ile;0.767,252.433,1+ALB+AST+NEFA+Asn+Val+Phe;0.767,247.847,1+ALB+AST+NEFA+Asn+3MeHis+Asp;0.767,253.159,1+Ala+Trp+Arg+ALB+BUN+Ca;0.767,253.417,1+ALB+Ca+NEFA+Glc+Asn+Arg;0.767,250.947,1+Ala+Arg+TG+ALT+ALB+BUN;0.767,249.403,1+ALB+BUN+AST+ALT+Arg+Phe;0.767,250.990,1+BCAA+Trp+Lys+ALB+BUN;0.767,251.930,1+ALB+Asn+Arg+Asp+Phe+Trp;0.767,252.989,1+BCAA+Trp+Lys+Glc+ALB+BUN;0.767,253.259,1+Ala+BCAA+Trp+ALB+BUN+BHBA;0.767,249.230,1+ALB+BUN+3MeHis+Asp+Lys+Phe;0.767,252.296,1+ALB+Asn+Arg+Asp+Lys+Trp;0.767,252.990,1+BCAA+Trp+Lys+TG+ALB+BUN;0.767,251.469,1+ALB+AST+gGT+Asn+Arg+Thr;0.767,251.610,1+ALB+AST+BHBA+Glc+Asn+Thr;0.767,252.009,1+Ala+Gly+BCAA+Trp+ALB+BUN;0.767,249.398,1+ALB+BUN+AST+ALT+Orn+Phe;0.767,250.073,1+Gly+Trp+Arg+ALT+ALB+BUN;0.767,251.345,1+Ala+Trp+Arg+AST+ALB+BUN;0.767,253.145,1+Ala+Gly+Trp+AST+ALB+TP;0.767,253.246,1+Ala+Trp+Thr+TCHO+ALB+BUN;0.767,253.303,1+Ala+BCAA+Trp+Thr+ALB+BUN;0.767,251.980,1+ALB+Asn+Asp+Val+Phe+Trp;0.767,252.335,1+ALB+AST+T-BIL+Asn+Orn+Lys;0.767,253.124,1+ALB+BHBA+Glc+Asn+Arg+Thr;0.767,251.608,1+Ala+Trp+Thr+ALB+BUN;0.767,247.874,1+ALB+AST+Asn+3MeHis+Asp+Val;0.767,251.636,1+Ala+Trp+TG+AST+ALB+BUN;0.767,251.418,1+ALB+Ca+AST+Asn+Arg+Thr;0.767,254.834,1+ALB+Ca+gGT+Asn+Thr+Ile;0.767,252.586,1+ALB+Ca+AST+gGT+Asn+Ile;0.767,254.726,1+ALB+Asn+Arg+Orn+Val+Phe;0.767,249.716,1+Ala+Lys+TG+ALT+ALB+BUN;0.767,253.

922, 1+ALB+NEFA+BHBA+Asn+Arg+Lys;0.767, 253.340, 1+Ala+BCAA+Trp+Glc+ALB+BUN;0.767, 250.414, 1+ALB+BUN+ALT+NEFA+Lys+Ile;0.767, 250.033, 1+BCAA+Arg+Lys+ALT+ALB+BUN;0.767, 253.429, 1+Ala+Gly+Lys+TCHO+ALB+BUN;0.767, 253.577, 1+ALB+Ca+NEFA+T-BIL+Asn+Lys;0.767, 254.066, 1+ALB+T-BIL+Glc+Asn+Orn+Lys;0.767, 254.119, 1+ALB+T-BIL+BHBA+Glc+Asn+Thr;0.767, 250.401, 1+Ala+Gly+Arg+ALT+ALB+BUN;0.767, 252.024, 1+ALB+Asn+Asp+Tyr+Val+Phe;0.767, 253.097, 1+Ala+BCAA+Trp+ALB+BUN+NEFA;0.767, 254.137, 1+ALB+NEFA+Asn+Arg+Lys+Phe;0.767, 250.910, 1+Ala+Trp+ALB+BUN+TP;0.767, 253.330, 1+Ala+BCAA+Trp+TG+ALB+BUN;0.767, 250.303, 1+ALB+BUN+ALT+gGT+His+Lys;0.767, 249.531, 1+ALB+AST+NEFA+Asn+Asp+Val;0.767, 254.103, 1+ALB+Ca+T-BIL+His+Asn+Thr;0.767, 249.750, 1+Ala+Lys+Glc+ALT+ALB+BUN;0.767, 251.382, 1+Ala+Trp+ALB+BUN+NEFA;0.767, 249.453, 1+ALB+BUN+ALT+Arg+Lys+Ile;0.766, 252.122, 1+ALB+Ca+AST+His+Asn+Ile;0.766, 253.627, 1+ALB+Ca+gGT+Asn+Thr+Lys;0.766, 252.363, 1+ALB+Ca+BHBA+Glc+His+Asn;0.766, 252.581, 1+Gly+BCAA+Trp+Lys+ALB+BUN;0.766, 253.382, 1+Ala+Trp+Glc+ALB+BUN+NEFA;0.766, 250.109, 1+ALB+BUN+AST+ALT+Val+Phe;0.766, 250.166, 1+ALB+BUN+ALT+NEFA+His+Lys;0.766, 253.270, 1+ALB+AST+Asn+Lys+Val+Phe;0.766, 252.136, 1+ALB+AST+T-BIL+Asn+Arg+Orn;0.766, 254.048, 1+ALB+Ca+NEFA+Asn+Arg+Lys;0.766, 255.466, 1+ALB+gGT+T-BIL+BHBA+Asn+Thr;0.766, 254.971, 1+ALB+T-BIL+BHBA+Asn+Orn+Lys;0.766, 251.293, 1+Ala+Gly+Trp+Arg+ALT+ALB;0.766, 250.560, 1+ALB+BUN+ALT+NEFA+Thr+Lys;0.766, 250.809, 1+Ala+Trp+AST+ALB+BUN+TP;0.766, 248.193, 1+ALB+BUN+ALT+Asp+Tyr+Trp;0.766, 247.916, 1+ALB+AST+Asn+3MeHis+Asp+Orn;0.766, 249.616, 1+ALB+BUN+AST+Asp+Lys+Trp;0.766, 254.143, 1+ALB+Ca+T-BIL+Glc+Asn+Thr;0.766, 251.590, 1+Ala+Trp+TG+ALB+BUN;0.766, 248.773, 1+ALB+BUN+3MeHis+Asp+Lys+Trp;0.766, 251.724, 1+ALB+ALT+Orn+Val+Phe+Trp;0.766, 252.670, 1+BCAA+Trp+Arg+Lys+ALB+BUN;0.766, 252.758, 1+ALB+NEFA+Asn+Asp+Val+Phe;0.766, 249.972, 1+ALB+BUN+ALT+BHBA+His+Lys;0.766, 249.770, 1+Ala+Lys+ALT+gGT+ALB+BUN;0.766, 250.763, 1+ALB+BUN+Asp+Lys+Tyr+Trp;0.766, 250.150, 1+ALB+BUN+ALT+3MeHis+Orn

+Lys;0.766,250.169,1+Trp+Arg+Glc+ALT+ALB+BUN;0.766,250.074,1+ALB+BUN+ALT+T-BIL+His+Lys;0.766,251.397,1+Ala+BCAA+Trp+AST+ALB+BUN;0.766,251.709,1+Ala+Trp+Thr+AST+ALB+BUN;0.766,254.320,1+ALB+gGT+T-BIL+Glc+Asn+Lys;0.766,255.407,1+ALB+gGT+T-BIL+BHBA+Asn+Lys;0.766,253.204,1+Ala+Trp+Arg+gGT+ALB+BUN;0.766,253.483,1+Ala+Trp+Glc+ALB+BUN+BHBA;0.766,252.902,1+Ala+Trp+TG+ALB+BUN+TP;0.766,247.295,1+ALB+BUN+ALT+3MeHis+Asp+Trp;0.766,250.680,1+ALB+AST+Asn+Asp+Lys+Val;0.766,251.827,1+ALB+Ca+AST+NEFA+T-BIL+Asn;0.766,254.082,1+ALB+gGT+NEFA+BHBA+Glc+Asn;0.766,253.278,1+ALB+BUN+Lys+Tyr+Phe+Trp;0.766,249.614,1+Ala+Trp+ALB+BUN;0.766,251.487,1+Ala+Trp+ALB+BUN+BHBA;0.766,250.584,1+ALB+BUN+ALT+gGT+Thr+Lys;0.766,252.851,1+ALB+AST+gGT+T-BIL+Asn+Lys;0.766,253.234,1+Ala+Trp+TCHO+TG+ALB+BUN;0.766,253.402,1+ALB+Ca+NEFA+Glc+Asn+Orn;0.766,254.226,1+ALB+gGT+NEFA+BHBA+Asn+Orn;0.766,252.545,1+ALB+NEFA+Asn+Arg+Asp+Phe;0.766,252.698,1+Ala+BCAA+Trp+ALB+BUN+TP;0.766,252.907,1+Ala+Trp+Glc+ALB+BUN+TP;0.766,252.794,1+ALB+AST+T-BIL+BHBA+Asn+Thr;0.766,251.011,1+ALB+AST+Asn+3MeHis+Arg+Phe;0.766,251.297,1+ALB+AST+gGT+NEFA+Asn+Arg;0.766,251.358,1+ALB+Ca+AST+NEFA+Glc+Asn;0.766,252.116,1+ALB+Ca+AST+T-BIL+His+Asn;0.766,253.156,1+ALB+Asn+Arg+Asp+Lys+Val;0.766,253.362,1+Ala+Trp+gGT+ALB+BUN+NEFA;0.766,250.512,1+ALB+BUN+ALT+gGT+Lys+Ile;0.766,251.903,1+ALB+AST+gGT+NEFA+T-BIL+Asn;0.766,252.499,1+ALB+AST+BHBA+Asn+Orn+Lys;0.766,250.400,1+ALB+BUN+ALT+Arg+Thr+Ile;0.766,251.371,1+ALB+Ca+AST+NEFA+Asn+Orn;0.766,253.219,1+ALB+Ca+Glc+Asn+Arg+Thr;0.766,251.864,1+ALB+ALT+Orn+Tyr+Phe+Trp;0.766,248.153,1+ALB+BUN+ALT+NEFA+Asp+Trp;0.766,251.283,1+ALB+AST+NEFA+BHBA+Asn+Arg;0.766,252.357,1+ALB+Ca+AST+His+Asn+Thr;0.766,255.341,1+ALB+Ca+T-BIL+BHBA+Asn+Lys;0.766,253.586,1+Ala+Trp+Glc+TG+ALB+BUN;0.766,250.198,1+ALB+BUN+ALT+T-BIL+Arg+Lys;0.766,251.760,1+ALB+AST+Glc+Asn+Orn+Lys;0.766,249.718,1+Ala+Trp+AST+ALB+BUN;0.766,250.547,1+ALB+BUN+ALT+T-BIL+Thr+Lys;0.766,251.712,1+Ala+Trp+G

lc+AST+ALB+BUN;0.766, 252.325, 1+ALB+AST+T-BIL+BHBA+Asn+Orn;0.766, 254.336, 1+ALB+Ca+BHBA+His+Asn+Thr;0.766, 254.167, 1+ALB+Ca+NEFA+Asn+Orn+Lys;0.766, 254.856, 1+ALB+T-BIL+Asn+Arg+Orn+Lys;0.766, 252.896, 1+ALB+Asn+Asp+Orn+Lys+Val;0.766, 250.664, 1+ALB+BUN+ALT+gGT+NEFA+Lys;0.766, 251.570, 1+Ala+Trp+AST+gGT+ALB+BUN;0.766, 252.447, 1+ALB+AST+Asn+Arg+Lys+Phe;0.766, 251.584, 1+ALB+Ca+AST+NEFA+Asn+Lys;0.766, 252.609, 1+ALB+Ca+AST+T-BIL+Asn+Thr;0.766, 253.253, 1+Ala+BCAA+Trp+ALB+BUN+Ca;0.766, 253.305, 1+Ala+BCAA+Trp+gGT+ALB+BUN;0.766, 252.642, 1+Ala+Trp+ALB+BUN+TP+BHBA;0.766, 249.406, 1+ALB+BUN+ALT+3MeHis+Arg+Lys;0.766, 252.940, 1+ALB+AST+T-BIL+BHBA+Asn+Lys;0.766, 249.272, 1+ALB+BUN+3MeHis+Asp+Orn+Lys;0.766, 252.595, 1+ALB+AST+Asn+Arg+Lys+Val;0.766, 253.271, 1+ALB+Ca+NEFA+T-BIL+Asn+Arg;0.766, 253.143, 1+Ala+Trp+TCHO+ALB+BUN+BHBA;0.766, 254.763, 1+ALB+Asn+Arg+Orn+Lys+Phe;0.766, 254.123, 1+ALB+gGT+NEFA+Asn+Arg+Lys;0.766, 251.359, 1+ALB+ALT+3MeHis+Orn+Val+Phe;0.766, 253.447, 1+Ala+Trp+TG+ALB+BUN+BHBA;0.766, 248.952, 1+ALB+BUN+3MeHis+Asp+Lys+Val;0.766, 250.735, 1+Trp+ALT+ALB+BUN+TP+BHBA;0.766, 251.477, 1+Ala+Trp+AST+ALB+BUN+BHBA;0.766, 253.887, 1+Ala+Gly+Trp+TG+AST+ALB;0.766, 254.289, 1+ALB+Ca+gGT+His+Asn+Thr;0.766, 251.258, 1+Ala+Trp+TCHO+ALB+BUN;0.766, 255.127, 1+ALB+Ca+gGT+BHBA+Asn+Ile;0.766, 253.997, 1+ALB+T-BIL+Glc+Asn+Arg+Orn;0.766, 254.862, 1+ALB+BHBA+Asn+Arg+Orn+Lys;0.766, 252.981, 1+ALB+gGT+Glc+Asn+Arg+Thr;0.766, 253.355, 1+Ala+Trp+ALB+BUN+NEFA+BHBA;0.766, 250.645, 1+ALB+BUN+ALT+gGT+T-BIL+Lys;0.766, 250.160, 1+ALB+BUN+ALT+NEFA+3MeHis+Lys;0.766, 250.375, 1+ALB+BUN+ALT+Glc+His+Lys;0.766, 250.766, 1+ALB+AST+Asn+Arg+Asp+Val;0.765, 252.052, 1+ALB+Ca+AST+Glc+Asn+Thr;0.765, 253.462, 1+Ala+Trp+gGT+ALB+BUN+BHBA;0.765, 253.231, 1+Ala+Trp+TG+ALB+BUN+NEFA;0.765, 250.021, 1+ALB+BUN+ALT+3MeHis+Lys+Tyr;0.765, 250.626, 1+ALB+BUN+ALT+Thr+Orn+Lys;0.765, 252.150, 1+ALB+AST+NEFA+Asn+3MeHis+Val;0.765, 252.439, 1+ALB+AST+gGT+Asn+Orn+Lys;0.765, 249.579, 1+ALB+BUN+AST+ALT+Arg+Trp;0.765, 250.313, 1+ALB+BUN+ALT+His+Lys

+Ile;0.765,250.509,1+ALB+AST+Asn+Arg+Asp+Orn;0.765,253.503,1+Ala+Trp+TG+ALB+BUN+Ca;0.765,252.494,1+Ala+Trp+TCHO+ALB+BUN+TP;0.765,253.258,1+Ala+Trp+Glc+TCHO+ALB+BUN;0.765,254.410,1+ALB+Ca+T-BIL+Glc+Asn+Lys;0.765,253.361,1+ALB+gGT+NEFA+T-BIL+Asn+Arg;0.765,249.409,1+ALB+BUN+3MeHis+Asp+Lys+Tyr;0.765,249.848,1+ALB+BUN+AST+ALT+3MeHis+Lys;0.765,248.070,1+ALB+AST+Asn+3MeHis+Asp+Phe;0.765,252.254,1+ALB+AST+gGT+Asn+Arg+Orn;0.765,250.284,1+ALB+BUN+Ca+ALT+His+Lys;0.765,254.160,1+ALB+Ca+gGT+His+Asn+Ile;0.765,253.244,1+Ala+Trp+TCHO+gGT+ALB+BUN;0.765,250.845,1+ALB+BUN+Asp+Lys+Val+Trp;0.765,247.227,1+ALB+BUN+AST+ALT+Asp+Lys;0.765,252.435,1+ALB+AST+gGT+BHBA+Asn+Orn;0.765,252.449,1+ALB+AST+Asn+Orn+Lys+Phe;0.765,254.946,1+ALB+gGT+T-BIL+BHBA+Asn+Orn;0.765,253.551,1+Ala+Trp+TG+gGT+ALB+BUN;0.765,250.430,1+ALB+BUN+ALT+BHBA+Thr+Lys;0.765,250.640,1+ALB+BUN+ALT+Glc+Thr+Lys;0.765,252.297,1+ALB+AST+Asn+Arg+Orn+Lys;0.765,253.242,1+ALB+Ca+Asn+Arg+Thr+Lys;0.765,253.525,1+ALB+BUN+Orn+Lys+Val+Trp;0.765,250.857,1+BCAA+Trp+ALT+ALB+BUN+TP;0.765,253.203,1+ALB+AST+gGT+BHBA+Asn+Lys;0.765,254.899,1+ALB+Ca+T-BIL+Asn+Orn+Lys;0.765,254.114,1+ALB+BHBA+Glc+Asn+Orn+Lys;0.765,254.960,1+ALB+gGT+BHBA+Asn+Orn+Lys;0.765,254.160,1+ALB+gGT+NEFA+Asn+Arg+Orn;0.765,251.584,1+Ala+Trp+gGT+ALB+BUN;0.765,251.610,1+Ala+Trp+Glc+ALB+BUN;0.765,250.188,1+ALB+BUN+ALT+NEFA+Arg+Lys;0.765,250.508,1+ALB+AST+Asn+Asp+Orn+Lys;0.765,254.133,1+ALB+Ca+NEFA+Asn+Arg+Orn;0.765,254.106,1+ALB+T-BIL+BHBA+Glc+Asn+Orn;0.765,254.993,1+ALB+T-BIL+BHBA+Asn+Arg+Lys;0.765,252.683,1+Ala+Trp+ALB+BUN+TP+NEFA;0.765,250.734,1+ALB+BUN+ALT+NEFA+Orn+Lys;0.765,251.659,1+ALB+AST+Glc+Asn+Arg+Orn;0.765,252.294,1+ALB+AST+BHBA+Asn+Arg+Orn;0.765,247.658,1+ALB+BUN+AST+ALT+Asp+Trp;0.765,249.442,1+ALB+AST+Asn+Asp+Tyr+Val;0.765,253.301,1+Ala+Trp+ALB+BUN+Ca+NEFA;0.765,255.459,1+ALB+Ca+T-BIL+BHBA+Asn+Thr;0.765,254.487,1+ALB+Ca+gGT+NEFA+T-BIL+Asn;0.765,254.186,1+ALB+T-B

IL+Glc+Asn+Arg+Lys;0.765, 253.756, 1+ALB+gGT+T-BIL+Asn+Arg+Thr;0.765, 253.638, 1+ALB+BUN+NEFA+Lys+Val+Phe;0.765, 248.945, 1+Trp+ALT+ALB+BUN+TP;0.765, 250.052, 1+ALB+BUN+ALT+3MeHis+Lys+Val;0.765, 250.252, 1+ALB+BUN+ALT+Arg+Orn+Lys;0.765, 250.234, 1+ALB+BUN+ALT+Glc+Arg+Lys;0.765, 250.700, 1+ALB+BUN+ALT+T-BIL+Orn+Lys;0.765, 251.271, 1+Ala+Trp+AST+ALB+BUN+NEFA;0.765, 251.730, 1+ALB+AST+gGT+Glc+Asn+Orn;0.765, 251.476, 1+ALB+AST+T-BIL+Glc+Asn+Orn;0.765, 251.940, 1+ALB+AST+NEFA+Asn+3MeHis+Phe;0.765, 249.588, 1+ALB+AST+NEFA+Asn+Asp+Phe;0.765, 251.491, 1+Ala+Trp+TCHO+AST+ALB+BUN;0.765, 252.947, 1+Ala+Trp+TCHO+ALB+BUN+NEFA;0.765, 254.798, 1+ALB+T-BIL+BHBA+Asn+Arg+Orn;0.765, 250.229, 1+ALB+BUN+ALT+Arg+Lys+Val;0.765, 253.582, 1+Ala+Trp+Glc+gGT+ALB+BUN;0.765, 250.264, 1+ALB+BUN+ALT+Arg+Lys+Tyr;0.765, 253.400, 1+Ala+Trp+ALB+BUN+Ca+BHBA;0.765, 254.088, 1+ALB+Glc+Asn+Arg+Orn+Lys;0.765, 254.048, 1+ALB+BHBA+Glc+Asn+Arg+Orn;0.765, 252.929, 1+ALB+Asn+Asp+Lys+Val+Phe;0.765, 250.728, 1+ALB+BUN+ALT+NEFA+Lys+Val;0.765, 250.742, 1+ALB+BUN+ALT+NEFA+Glc+Lys;0.765, 252.272, 1+ALB+AST+gGT+T-BIL+Asn+Orn;0.765, 254.326, 1+ALB+Ca+gGT+NEFA+Asn+Lys;0.765, 252.834, 1+ALB+Asn+Asp+Orn+Lys+Phe;0.765, 252.867, 1+ALB+Asn+Arg+Asp+Lys+Phe;0.765, 250.710, 1+ALB+BUN+ALT+NEFA+T-BIL+Lys;0.765, 251.124, 1+ALB+BUN+Asp+Orn+Lys+Trp;0.765, 252.728, 1+ALB+AST+gGT+T-BIL+Asn+Thr;0.765, 254.959, 1+ALB+Ca+T-BIL+BHBA+Asn+Orn;0.765, 251.434, 1+ALB+BUN+Asp+Tyr+Phe+Trp;0.765, 250.944, 1+Trp+ALT+gGT+ALB+BUN+TP;0.765, 250.321, 1+ALB+BUN+AST+ALT+Lys+Ile;0.765, 252.153, 1+ALB+AST+Asn+Arg+Orn+Phe;0.765, 252.070, 1+Ala+Gly+Trp+AST+ALB;0.765, 254.770, 1+ALB+Ca+Asn+Arg+Orn+Lys;0.765, 253.119, 1+ALB+Asn+Arg+Asp+Orn+Lys;0.765, 254.946, 1+ALB+gGT+T-BIL+Asn+Orn+Lys;0.765, 253.820, 1+ALB+gGT+BHBA+Asn+Arg+Thr;0.765, 250.241, 1+ALB+BUN+ALT+gGT+Arg+Lys;0.765, 251.595, 1+ALB+AST+BHBA+Glc+Asn+Orn;0.765, 252.066, 1+ALB+BUN+AST+Lys+Val+Trp;0.765, 254.033, 1+Ala+Gly+Trp+AST+ALB+BHBA;0.765, 251.528, 1+Ala+Trp+ALB+BUN+Ca;0.765, 254.333, 1+ALB+Ca+gGT+NEFA+Asn+Orn;0.764, 253.

993, 1+ALB+gGT+NEFA+BHBA+Asn+Arg;0.764, 249.592, 1+ALB+BUN+3MeHis+Arg+Asp+Lys;0.764, 250.841, 1+Trp+TG+ALT+ALB+BUN+TP;0.764, 250.101, 1+ALB+BUN+ALT+BHBA+Arg+Lys;0.764, 252.690, 1+ALB+Ca+AST+gGT+His+Asn;0.764, 251.932, 1+ALB+ALT+3MeHis+Orn+Tyr+Phe;0.764, 250.633, 1+ALB+BUN+ALT+NEFA+Lys+Tyr;0.764, 250.384, 1+ALB+AST+Asn+Asp+Lys+Phe;0.764, 251.661, 1+Ala+Trp+AST+ALB+BUN+Ca;0.764, 253.172, 1+Ala+Trp+TCHO+ALB+BUN+Ca;0.764, 253.846, 1+ALB+BUN+3MeHis+Orn+Val+Phe;0.764, 250.788, 1+ALB+BUN+ALT+gGT+Glc+Lys;0.764, 252.744, 1+ALB+AST+gGT+BHBA+His+Asn;0.764, 250.710, 1+ALB+BUN+ALT+T-BIL+Glc+Lys;0.764, 250.995, 1+ALB+ALT+3MeHis+Arg+Tyr+Phe;0.764, 248.170, 1+ALB+BUN+AST+3MeHis+Asp+Lys;0.764, 252.373, 1+ALB+Ca+AST+Asn+Orn+Lys;0.764, 253.500, 1+Ala+Trp+gGT+ALB+BUN+Ca;0.764, 254.202, 1+ALB+Ca+gGT+Glc+Asn+Thr;0.764, 250.940, 1+Trp+Glc+ALT+ALB+BUN+TP;0.764, 250.269, 1+ALB+BUN+AST+ALT+T-BIL+Lys;0.764, 253.873, 1+ALB+Ca+T-BIL+Asn+Arg+Thr;0.764, 248.074, 1+ALB+BUN+ALT+3MeHis+Arg+Asp;0.764, 253.248, 1+Ala+Gly+Trp+TG+ALT+ALB;0.764, 250.318, 1+ALB+BUN+AST+ALT+NEFA+Lys;0.764, 252.831, 1+ALB+Ca+AST+BHBA+Asn+Thr;0.764, 253.524, 1+Ala+Trp+Glc+ALB+BUN+Ca;0.764, 254.161, 1+ALB+Ca+NEFA+BHBA+Glc+Asn;0.764, 255.035, 1+ALB+Ca+gGT+T-BIL+Asn+Ile;0.764, 253.019, 1+ALB+Asn+Asp+Orn+Val+Phe;0.764, 253.459, 1+ALB+BUN+Arg+Lys+Val+Trp;0.764, 252.259, 1+ALB+BUN+AST+3MeHis+Lys+Phe;0.764, 250.631, 1+Trp+TCHO+ALT+ALB+BUN+TP;0.764, 253.956, 1+ALB+gGT+BHBA+Glc+Asn+Thr;0.764, 250.498, 1+ALB+BUN+ALT+gGT+BHBA+Lys;0.764, 252.101, 1+ALB+ALT+Arg+Orn+Tyr+Phe;0.764, 250.326, 1+ALB+BUN+AST+ALT+gGT+Lys;0.764, 253.597, 1+ALB+AST+Asn+Tyr+Val+Phe;0.764, 251.441, 1+ALB+BUN+AST+3MeHis+Lys+Trp;0.764, 251.698, 1+ALB+AST+T-BIL+Glc+Asn+Arg;0.764, 254.061, 1+Ala+Gly+Trp+AST+ALB+NEFA;0.764, 253.815, 1+Ala+Gly+Trp+AST+gGT+ALB;0.764, 252.807, 1+Ala+Trp+ALB+BUN+TP+Ca;0.764, 254.503, 1+ALB+Ca+NEFA+T-BIL+BHBA+Asn;0.764, 253.139, 1+ALB+BUN+NEFA+Lys+Val+Trp;0.764, 253.487, 1+ALB+BUN+3MeHis+Lys+Tyr+Phe;0.764, 250.469, 1+ALB+BUN+ALT+Orn+Lys+Ile;0.764, 252.444, 1+ALB+BUN+3

MeHis+Lys+Phe+Trp;0.764, 249.768, 1+ALB+BUN+3MeHis+Asp+Phe+Trp;0.764, 250.097, 1+ALB+BUN+ALT+Arg+Thr+Lys;0.764, 249.920, 1+ALB+BUN+ALT+His+Arg+Thr;0.764, 253.026, 1+ALB+AST+gGT+BHBA+Asn+Thr;0.764, 251.903, 1+Ala+Gly+Trp+ALT+AST+ALB;0.764, 251.608, 1+Trp+TCHO+ALT+gGT+ALB+BUN;0.764, 254.786, 1+ALB+Ca+BHBA+Asn+Arg+Orn;0.764, 254.012, 1+ALB+gGT+Glc+Asn+Orn+Lys;0.764, 253.054, 1+ALB+Asn+Arg+Asp+Orn+Val;0.764, 252.411, 1+ALB+AST+T-BIL+Asn+Arg+Lys;0.764, 252.667, 1+ALB+AST+gGT+Asn+Arg+Lys;0.764, 250.927, 1+ALB+ALT+Arg+Thr+Lys+Ile;0.764, 254.197, 1+ALB+Ca+gGT+T-BIL+His+Asn;0.764, 251.211, 1+ALB+BUN+Arg+Asp+Lys+Trp;0.764, 250.384, 1+ALB+BUN+ALT+BHBA+Lys+Ile;0.764, 253.559, 1+ALB+BUN+Orn+Val+Phe+Trp;0.764, 250.762, 1+ALB+BUN+ALT+gGT+Orn+Lys;0.764, 250.517, 1+ALB+BUN+Ca+ALT+Lys+Ile;0.764, 254.786, 1+ALB+Ca+T-BIL+Asn+Arg+Orn;0.764, 254.028, 1+ALB+Ca+NEFA+BHBA+Asn+Arg;0.764, 254.066, 1+ALB+Ca+T-BIL+Glc+Asn+Orn;0.764, 254.923, 1+ALB+Asn+Arg+Lys+Val+Phe;0.764, 250.578, 1+ALB+BUN+ALT+T-BIL+BHBA+Lys;0.764, 250.608, 1+ALB+BUN+ALT+Lys+Tyr+Val;0.764, 252.665, 1+ALB+AST+BHBA+Asn+Arg+Lys;0.764, 251.712, 1+ALB+Ca+AST+Glc+Asn+Orn;0.764, 254.285, 1+ALB+BHBA+Glc+Asn+Arg+Lys;0.764, 254.324, 1+ALB+T-BIL+BHBA+Glc+Asn+Arg;0.764, 250.993, 1+ALB+BUN+NEFA+Asp+Lys+Trp;0.764, 252.373, 1+ALB+AST+gGT+NEFA+BHBA+Asn;0.764, 250.784, 1+Trp+ALT+ALB+BUN+TP+Ca;0.764, 254.930, 1+ALB+Ca+BHBA+Asn+Orn+Lys;0.764, 252.934, 1+ALB+BUN+3MeHis+Lys+Tyr+Trp;0.764, 249.496, 1+ALB+BUN+NEFA+3MeHis+Asp+Lys;0.764, 250.958, 1+ALB+BUN+ALT+NEFA+Orn+Trp;0.764, 251.043, 1+ALB+BUN+ALT+Orn+Val+Trp;0.764, 251.223, 1+ALB+BUN+Asp+Lys+Phe+Trp;0.764, 251.797, 1+ALB+ALT+Arg+Val+Phe+Trp;0.764, 252.729, 1+ALB+AST+Asn+3MeHis+Tyr+Val;0.763, 253.894, 1+ALB+BUN+NEFA+Lys+Tyr+Phe;0.763, 250.598, 1+ALB+BUN+ALT+Glc+Lys+Ile;0.763, 252.495, 1+ALB+AST+gGT+Glc+Asn+Lys;0.763, 250.106, 1+Trp+ALT+AST+ALB+BUN+TP;0.763, 252.218, 1+ALB+Ca+AST+T-BIL+Asn+Orn;0.763, 252.355, 1+ALB+Ca+AST+BHBA+Asn+Orn;0.763, 250.132, 1+ALB+BUN+Ca+ALT+Arg+Lys;0.763, 254.738, 1+ALB+gGT+Asn+Arg+Orn+Lys;0.76

3, 251.910, 1+Trp+TG+ALT+gGT+ALB+BUN;0.763, 252.029, 1+ALB+ALT+NEFA+Arg+Tyr+Phe;0.763, 255.142, 1+ALB+Ca+gGT+NEFA+BHBA+Asn;0.763, 254.405, 1+ALB+gGT+BHBA+Glc+Asn+Lys;0.763, 253.628, 1+ALB+BUN+Lys+Tyr+Val+Trp;0.763, 250.899, 1+Trp+ALT+ALB+BUN+TP+NEFA;0.763, 252.649, 1+ALB+ALT+NEFA+Orn+Tyr+Phe;0.763, 251.380, 1+ALB+ALT+3MeHis+Lys+Val+Phe;0.763, 251.115, 1+ALB+BUN+ALT+Arg+Thr+Orn;0.763, 254.036, 1+Ala+Gly+Trp+Glc+AST+ALB;0.763, 254.824, 1+ALB+Ca+gGT+Asn+Orn+Lys;0.763, 253.807, 1+ALB+BUN+Arg+Tyr+Phe+Trp;0.763, 250.565, 1+ALB+BUN+ALT+NEFA+BHBA+Lys;0.763, 252.796, 1+Ala+Trp+gGT+ALB+BUN+TP;0.763, 250.174, 1+ALB+BUN+AST+ALT+His+Lys;0.763, 251.143, 1+ALB+BUN+ALT+NEFA+Arg+Thr;0.763, 250.583, 1+ALB+BUN+Ca+ALT+Thr+Lys;0.763, 254.124, 1+ALB+Ca+BHBA+Glc+Asn+Thr;0.763, 253.946, 1+ALB+Ca+BHBA+Asn+Arg+Thr;0.763, 251.163, 1+ALB+BUN+ALT+Glc+Arg+Thr;0.763, 253.441, 1+ALB+BUN+NEFA+His+Thr+Lys;0.763, 250.483, 1+ALB+AST+Asn+Arg+Asp+Phe;0.763, 252.193, 1+ALB+Ca+AST+Asn+Arg+Orn;0.763, 254.048, 1+ALB+Ca+Glc+Asn+Arg+Orn;0.763, 254.000, 1+ALB+Ca+gGT+NEFA+Glc+Asn;0.763, 253.993, 1+ALB+BUN+NEFA+Val+Phe+Trp;0.763, 253.930, 1+ALB+gGT+T-BIL+Glc+Asn+Orn;0.763, 251.067, 1+ALB+ALT+Asp+Orn+Tyr+Phe;0.763, 253.213, 1+ALB+BUN+NEFA+Lys+Phe+Trp;0.763, 250.928, 1+ALB+BUN+ALT+3MeHis+Orn+Trp;0.763, 249.894, 1+ALB+BUN+AST+ALT+Arg+Lys;0.763, 253.933, 1+ALB+BUN+gGT+NEFA+His+Lys;0.763, 250.372, 1+ALB+ALT+Arg+Asp+Phe+Trp;0.763, 250.047, 1+Trp+ALT+gGT+ALB+BUN;0.763, 251.907, 1+BCCA+Trp+ALT+gGT+ALB+BUN;0.763, 253.910, 1+ALB+BUN+NEFA+Tyr+Phe+Trp;0.763, 250.280, 1+ALB+AST+Asn+Asp+Orn+Phe;0.763, 253.641, 1+ALB+BUN+T-BIL+His+Thr+Lys;0.763, 254.720, 1+ALB+gGT+BHBA+Asn+Arg+Orn;0.763, 254.738, 1+ALB+gGT+T-BIL+Asn+Arg+Orn;0.763, 250.683, 1+ALB+BUN+ALT+Orn+Lys+Tyr;0.763, 252.460, 1+ALB+AST+T-BIL+BHBA+Asn+Arg;0.763, 251.542, 1+Trp+TCHO+TG+ALT+ALB+BUN;0.763, 252.319, 1+ALB+Ca+AST+gGT+Asn+Orn;0.763, 251.162, 1+ALB+BUN+ALT+T-BIL+Arg+Thr;0.763, 253.723, 1+Ala+Gly+Trp+TCHO+AST+ALB;0.763, 253.024, 1+ALB+Asn+Arg+Asp+Orn+Phe;0.763, 252.039, 1+Trp+Glc+ALT+gGT+ALB

+BUN;0.763, 253.647, 1+ALB+BUN+Arg+Lys+Tyr+Trp;0.763, 251.751, 1+ALB+ALT+Arg+Orn+Phe+Trp;0.763, 252.139, 1+ALB+ALT+Lys+Tyr+Phe+Trp;0.763, 252.593, 1+ALB+AST+Asn+Arg+Val+Phe;0.763, 252.300, 1+ALB+Ca+AST+NEFA+BHBA+Asn;0.763, 255.262, 1+ALB+Ca+gGT+T-BIL+Asn+Lys;0.763, 250.817, 1+ALB+BUN+ALT+Glc+Orn+Lys;0.763, 253.842, 1+Ala+Gly+BCAA+Trp+AST+ALB;0.763, 250.712, 1+ALB+BUN+Ca+ALT+gGT+Lys;0.763, 252.454, 1+ALB+Ca+AST+BHBA+His+Asn;0.763, 252.095, 1+ALB+AST+gGT+Glc+Asn+Arg;0.763, 252.102, 1+ALB+BUN+AST+Lys+Phe+Trp;0.763, 253.736, 1+ALB+Ca+gGT+Asn+Arg+Thr;0.763, 253.144, 1+ALB+BUN+3MeHis+Orn+Phe+Trp;0.763, 253.172, 1+ALB+BUN+3MeHis+Val+Phe+Trp;0.763, 250.813, 1+ALB+BUN+ALT+Orn+Lys+Val;0.763, 254.430, 1+ALB+Ca+gGT+BHBA+His+Asn;0.763, 254.332, 1+ALB+Ca+Glc+Asn+Arg+Lys;0.763, 254.135, 1+ALB+Ca+Glc+Asn+Orn+Lys;0.762, 250.592, 1+ALB+BUN+ALT+BHBA+Glc+Lys;0.762, 250.315, 1+ALB+BUN+AST+ALT+Thr+Lys;0.762, 250.547, 1+ALB+BUN+AST+ALT+Glc+Lys;0.762, 251.162, 1+ALB+BUN+ALT+gGT+Arg+Thr;0.762, 251.846, 1+ALB+ALT+3MeHis+Lys+Tyr+Phe;0.762, 252.061, 1+ALB+AST+Glc+Asn+Arg+Lys;0.762, 251.139, 1+ALB+BUN+ALT+BHBA+Arg+Thr;0.762, 251.282, 1+ALB+Ca+AST+NEFA+Asn+Arg;0.762, 254.191, 1+ALB+BUN+3MeHis+Lys+Tyr+Val;0.762, 252.024, 1+ALB+ALT+Orn+Lys+Phe+Trp;0.762, 252.228, 1+ALB+ALT+NEFA+Orn+Phe+Trp;0.762, 255.292, 1+ALB+Ca+gGT+T-BIL+Asn+Thr;0.762, 254.880, 1+ALB+Ca+gGT+BHBA+Asn+Orn;0.762, 253.773, 1+ALB+BUN+Orn+Tyr+Phe+Trp;0.762, 248.581, 1+ALB+ALT+3MeHis+Asp+Lys+Phe;0.762, 252.409, 1+ALB+ALT+Orn+Lys+Val+Phe;0.762, 250.471, 1+ALB+ALT+Asp+Orn+Phe+Trp;0.762, 251.877, 1+ALB+ALT+NEFA+Arg+Phe+Trp;0.762, 252.219, 1+ALB+ALT+Arg+Thr+Orn+Ile;0.762, 253.012, 1+ALB+Ca+AST+gGT+Asn+Thr;0.762, 254.879, 1+ALB+Ca+gGT+T-BIL+Asn+Orn;0.762, 252.665, 1+ALB+BUN+3MeHis+Arg+Lys+Trp;0.762, 251.128, 1+ALB+AST+ALT+Arg+Phe+Trp;0.762, 252.286, 1+ALB+BUN+AST+Orn+Lys+Trp;0.762, 253.209, 1+ALB+BUN+AST+3MeHis+Lys+Val;0.762, 251.471, 1+ALB+AST+ALT+Arg+Tyr+Trp;0.762, 251.859, 1+ALB+BUN+AST+NEFA+Lys+Trp;0.762, 254.763, 1+ALB+AST+NEFA+Orn+Lys+Ile;0.762, 250.932, 1+ALB+

AST+ALT+Arg+Lys+Ile;0.762, 250.638, 1+ALB+BUN+Ca+ALT+T-BIL+Lys;0.762, 252.056, 1+ALB+Ca+AST+Glc+Asn+Arg;0.762, 253.623, 1+ALB+BUN+Orn+Lys+Phe+Trp;0.762, 252.169, 1+ALB+BUN+AST+Arg+Lys+Trp;0.762, 252.348, 1+ALB+ALT+BHBA+Arg+Thr+Ile;0.762, 253.861, 1+ALB+BUN+Orn+Lys+Tyr+Trp;0.762, 252.624, 1+ALB+ALT+NEFA+Orn+Val+Phe;0.762, 249.895, 1+ALB+BUN+ALT+NEFA+Arg+Asp;0.762, 249.773, 1+ALB+BUN+ALT+Arg+Asp+Orn;0.762, 250.241, 1+ALB+BUN+AST+ALT+BHBA+Lys;0.762, 250.389, 1+ALB+BUN+AST+Asp+Phe+Trp;0.762, 253.057, 1+ALB+Ca+AST+BHBA+Asn+Lys;0.762, 254.522, 1+ALB+Ca+gGT+Glc+Asn+Lys;0.762, 255.024, 1+ALB+Ca+BHBA+Asn+Arg+Lys;0.762, 253.077, 1+ALB+BUN+NEFA+3MeHis+Lys+Phe;0.762, 250.584, 1+ALB+BUN+ALT+BHBA+Orn+Lys;0.762, 252.060, 1+ALB+ALT+Lys+Val+Phe+Trp;0.762, 253.960, 1+ALB+gGT+BHBA+Glc+Asn+Orn;0.762, 254.916, 1+ALB+gGT+T-BIL+Asn+Arg+Lys;0.762, 251.984, 1+ALB+AST+T-BIL+Glc+Asn+Lys;0.762, 252.489, 1+ALB+BUN+AST+NEFA+Lys+Phe;0.762, 252.469, 1+ALB+AST+gGT+T-BIL+Asn+Arg;0.762, 250.676, 1+ALB+BUN+Ca+ALT+NEFA+Lys;0.762, 254.949, 1+ALB+Ca+T-BIL+Asn+Arg+Lys;0.762, 253.604, 1+ALB+BUN+Arg+Lys+Phe+Trp;0.762, 251.085, 1+ALB+BUN+3MeHis+Asp+Orn+Phe;0.762, 253.030, 1+ALB+ALT+NEFA+Tyr+Phe+Trp;0.762, 255.087, 1+ALB+Ca+T-BIL+BHBA+Asn+Arg;0.762, 255.383, 1+ALB+Ca+gGT+BHBA+Asn+Lys;0.762, 253.668, 1+ALB+BUN+T-BIL+His+Orn+Lys;0.762, 251.619, 1+ALB+ALT+3MeHis+Orn+Phe+Trp;0.762, 252.195, 1+ALB+AST+BHBA+Glc+Asn+Lys;0.762, 254.777, 1+ALB+BUN+His+Thr+Lys+Ile;0.762, 249.542, 1+ALB+AST+ALT+Asp+Lys+Trp;0.762, 253.874, 1+ALB+gGT+Glc+Asn+Arg+Orn;0.762, 254.820, 1+ALB+gGT+T-BIL+BHBA+Glc+Asn;0.762, 252.459, 1+ALB+BUN+AST+3MeHis+Arg+Lys;0.762, 253.590, 1+ALB+BUN+NEFA+His+Orn+Lys;0.762, 253.852, 1+ALB+BUN+NEFA+BHBA+His+Lys;0.762, 253.039, 1+ALB+BUN+AST+3MeHis+Orn+Phe;0.762, 249.882, 1+ALB+AST+ALT+Arg+Asp+Trp;0.762, 254.949, 1+ALB+gGT+T-BIL+BHBA+Asn+Arg;0.762, 254.972, 1+ALB+gGT+BHBA+Asn+Arg+Lys;0.762, 252.025, 1+Gly+Trp+ALT+gGT+ALB+BUN;0.762, 253.618, 1+ALB+BUN+NEFA+Orn+Lys+Trp;0.762, 249.331, 1+ALB+ALT+3M

eHis+Asp+Phe+Trp;0.762,250.489,1+ALB+ALT+Asp+Tyr+Phe+Trp;0.762,251.965,1+Trp+Glc+TG+ALT+ALB+BUN;0.762,252.884,1+ALB+BUN+NEFA+3MeHis+Lys+Trp;0.762,252.431,1+ALB+AST+gGT+T-BIL+Glc+Asn;0.762,252.511,1+ALB+ALT+NEFA+Arg+Thr+Ile;0.762,253.710,1+ALB+AST+NEFA+Arg+Lys+Ile;0.762,250.740,1+ALB+BUN+Ca+ALT+Orn+Lys;0.762,252.457,1+ALB+Ca+AST+Glc+Asn+Lys;0.762,254.485,1+ALB+Ca+BHBA+Glc+Asn+Lys;0.762,252.022,1+ALB+BUN+Asp+Val+Phe+Trp;0.762,252.319,1+ALB+BUN+AST+Lys+Tyr+Trp;0.762,250.364,1+ALB+BUN+AST+NEFA+Asp+Lys;0.762,253.649,1+ALB+BUN+AST+His+Orn+Lys;0.762,249.655,1+Trp+TCHO+ALT+ALB+BUN;0.762,255.398,1+ALB+Ca+gGT+BHBA+Asn+Thr;0.761,252.795,1+ALB+BUN+Asp+Lys+Tyr+Phe;0.761,252.947,1+ALB+BUN+3MeHis+Orn+Lys+Trp;0.761,253.259,1+ALB+Asn+Arg+Asp+Val+Phe;0.761,253.466,1+Ala+Gly+BCAA+Trp+ALT+ALB;0.761,253.847,1+ALB+BUN+NEFA+T-BIL+His+Lys;0.761,252.535,1+ALB+ALT+gGT+Arg+Thr+Ile;0.761,253.130,1+ALB+Ca+AST+gGT+Asn+Lys;0.761,251.025,1+ALB+BUN+Ca+ALT+Arg+Thr;0.761,254.281,1+ALB+Ca+T-BIL+Glc+Asn+Arg;0.761,253.900,1+ALB+BUN+NEFA+3MeHis+Lys+Val;0.761,254.306,1+ALB+BUN+3MeHis+Orn+Lys+Val;0.761,250.377,1+ALB+BUN+AST+ALT+Lys+Tyr;0.761,251.629,1+ALB+ALT+Arg+Lys+Phe+Trp;0.761,252.679,1+ALB+AST+Asn+3MeHis+Val+Phe;0.761,251.685,1+ALB+AST+ALT+Arg+Thr+Ile;0.761,254.180,1+ALB+Ca+gGT+NEFA+Asn+Arg;0.761,251.468,1+Ala+Gly+Trp+ALT+ALB;0.761,251.939,1+ALB+BUN+NEFA+Asp+Lys+Phe;0.761,248.742,1+ALB+ALT+3MeHis+Asp+Lys+Trp;0.761,251.829,1+ALB+BUN+ALT+3MeHis+Val+Trp;0.761,250.646,1+ALB+ALT+Arg+Asp+Tyr+Trp;0.761,250.960,1+ALB+BUN+ALT+Orn+Tyr+Trp;0.761,251.898,1+ALB+AST+BHBA+Glc+Asn+Arg;0.761,250.473,1+ALB+BUN+AST+ALT+Orn+Lys;0.761,250.559,1+ALB+BUN+AST+ALT+Lys+Val;0.761,252.683,1+ALB+BUN+AST+T-BIL+His+Lys;0.761,253.507,1+ALB+BUN+3MeHis+Orn+Lys+Phe;0.761,253.528,1+ALB+BUN+NEFA+Lys+Tyr+Trp;0.761,257.397,1+Ala+Gly+Trp+Glc+TG+ALB;0.761,253.893,1+ALB+BUN+NEFA+His+Lys+Ile;0.761,251.630,1+ALB+ALT+3MeHis+Orn+Lys+Phe;0.761,254.635,1+ALB+Ca+gGT+Asn+Arg+Orn;0.76

1, 253.467, 1+Ala+Gly+Trp+ALT+gGT+ALB;0.761, 249.968, 1+Trp+TG+ALT+ALB+BUN;0.761, 252.120, 1+ALB+ALT+NEFA+3MeHis+Orn+Phe;0.761, 252.196, 1+ALB+ALT+NEFA+Lys+Phe+Trp;0.761, 251.374, 1+ALB+ALT+NEFA+Arg+Lys+Ile;0.761, 252.960, 1+ALB+BUN+AST+NEFA+Lys+Ile;0.761, 252.772, 1+ALB+Ca+AST+T-BIL+Asn+Lys;0.761, 254.093, 1+ALB+Ca+BHBA+Glc+Asn+Orn;0.761, 253.910, 1+ALB+BUN+NEFA+Orn+Phe+Trp;0.761, 252.572, 1+ALB+ALT+Orn+Lys+Tyr+Phe;0.761, 254.254, 1+ALB+BUN+His+Thr+Orn+Lys;0.761, 253.097, 1+ALB+AST+Asp+Lys+Tyr+Trp;0.761, 252.585, 1+ALB+Ca+AST+Asn+Arg+Lys;0.761, 252.075, 1+ALB+BUN+Asp+Orn+Phe+Trp;0.761, 252.345, 1+ALB+AST+ALT+Orn+Lys+Ile;0.761, 254.042, 1+ALB+gGT+T-BIL+Glc+Asn+Arg;0.761, 253.413, 1+Ala+Gly+Trp+Glc+ALT+ALB;0.761, 253.819, 1+ALB+BUN+Arg+Orn+Lys+Trp;0.761, 249.536, 1+ALB+BUN+ALT+Arg+Asp+Val;0.761, 251.238, 1+ALB+BUN+ALT+His+Arg+Orn;0.761, 251.984, 1+ALB+ALT+Arg+Lys+Tyr+Phe;0.761, 252.711, 1+ALB+AST+gGT+BHBA+Asn+Arg;0.761, 252.544, 1+ALB+AST+ALT+Tyr+Phe+Trp;0.761, 251.647, 1+Trp+Glc+TCHO+ALT+ALB+BUN;0.761, 251.410, 1+ALB+AST+ALT+Orn+Phe+Trp;0.761, 253.067, 1+ALB+BUN+Arg+Asp+Lys+Phe;0.761, 254.260, 1+ALB+BUN+NEFA+Thr+Lys+Ile;0.761, 251.533, 1+ALB+AST+ALT+NEFA+Arg+Trp;0.761, 253.976, 1+ALB+BUN+NEFA+Glc+His+Lys;0.761, 251.284, 1+ALB+BUN+ALT+His+Thr+Orn;0.761, 251.516, 1+BCAA+Trp+TCHO+ALT+ALB+BUN;0.761, 251.294, 1+ALB+ALT+3MeHis+Arg+Val+Phe;0.761, 252.070, 1+ALB+AST+ALT+NEFA+Orn+Phe;0.761, 255.405, 1+ALB+BUN+Thr+Orn+Lys+Ile;0.761, 251.850, 1+ALB+BUN+NEFA+Asp+Phe+Trp;0.761, 253.665, 1+ALB+BUN+3MeHis+Arg+Lys+Val;0.761, 254.035, 1+ALB+BUN+T-BIL+His+Lys+Ile;0.761, 252.605, 1+ALB+BUN+AST+NEFA+His+Lys;0.761, 250.138, 1+ALB+ALT+Asp+Lys+Phe+Trp;0.761, 252.501, 1+ALB+ALT+3MeHis+Tyr+Phe+Trp;0.761, 252.626, 1+ALB+ALT+NEFA+Arg+Val+Phe;0.761, 252.551, 1+ALB+BUN+AST+NEFA+3MeHis+Lys;0.761, 255.802, 1+ALB+AST+T-BIL+Orn+Lys+Ile;0.761, 251.356, 1+ALB+AST+ALT+Arg+Orn+Trp;0.761, 253.035, 1+ALB+BUN+3MeHis+Arg+Phe+Trp;0.761, 251.898, 1+ALB+BUN+ALT+NEFA+3MeHis+Trp;0.761, 253.533, 1+ALB+BUN+NEFA+3MeHis+Phe+Trp;0.761, 254.80

3, 1+ALB+BUN+His+Orn+Lys+Ile;0.761, 252.311, 1+ALB+AST+ALT+Orn+Tyr+Phe;0.761, 252.389, 1+ALB+AST+T-BIL+BHBA+Glc+Asn;0.761, 251.493, 1+ALB+AST+ALT+3MeHis+Orn+Phe;0.761, 252.649, 1+ALB+ALT+Thr+Orn+Lys+Ile;0.761, 250.785, 1+ALB+BUN+Ca+ALT+Glc+Lys;0.761, 252.746, 1+Ala+Gly+BCAA+ALT+ALB+BUN;0.761, 252.167, 1+ALB+BUN+NEFA+Asp+Orn+Lys;0.761, 251.831, 1+ALB+ALT+NEFA+3MeHis+Lys+Phe;0.761, 251.899, 1+ALB+BUN+ALT+Glc+Arg+Orn;0.761, 251.319, 1+ALB+ALT+3MeHis+Arg+Lys+Val;0.761, 250.640, 1+ALB+BUN+AST+Asp+Orn+Trp;0.761, 251.570, 1+ALB+ALT+Arg+Orn+Lys+Ile;0.761, 251.034, 1+ALB+ALT+Arg+Asp+Tyr+Phe;0.761, 252.126, 1+ALB+BUN+NEFA+Asp+Lys+Tyr;0.761, 251.588, 1+ALB+AST+ALT+Arg+Val+Trp;0.761, 251.987, 1+BCAA+Trp+Glc+ALT+ALB+BUN;0.761, 252.151, 1+ALB+BUN+Arg+Asp+Phe+Trp;0.761, 249.503, 1+ALB+ALT+3MeHis+Asp+Orn+Phe;0.761, 251.476, 1+ALB+ALT+3MeHis+Lys+Phe+Trp;0.761, 252.473, 1+ALB+ALT+3MeHis+Val+Phe+Trp;0.761, 252.894, 1+ALB+BUN+AST+gGT+NEFA+Lys;0.761, 253.493, 1+ALB+Ca+AST+T-BIL+BHBA+Asn;0.761, 253.310, 1+ALB+BUN+3MeHis+Arg+Lys+Phe;0.761, 254.139, 1+ALB+BUN+NEFA+3MeHis+Lys+Tyr;0.761, 251.983, 1+Gly+BCAA+Trp+ALT+ALB+BUN;0.761, 254.688, 1+ALB+BUN+gGT+NEFA+Lys+Ile;0.761, 248.779, 1+ALB+ALT+3MeHis+Arg+Asp+Lys;0.761, 251.916, 1+Gly+Trp+TGT+ALT+ALB+BUN;0.761, 252.579, 1+ALB+ALT+NEFA+Lys+Tyr+Phe;0.761, 253.641, 1+ALB+AST+gGT+T-BIL+BHBA+Asn;0.761, 252.483, 1+ALB+ALT+Glc+Arg+Thr+Ile;0.760, 249.181, 1+ALB+ALT+3MeHis+Arg+Asp+Phe;0.760, 251.791, 1+BCAA+Trp+TGT+ALT+ALB+BUN;0.760, 254.575, 1+ALB+BUN+BHBA+His+Thr+Lys;0.760, 250.332, 1+ALB+BUN+AST+ALT+Orn+Trp;0.760, 251.619, 1+ALB+AST+ALT+Lys+Phe+Trp;0.760, 252.842, 1+ALB+ALT+Orn+Tyr+Val+Phe;0.760, 249.991, 1+BCAA+Trp+ALT+ALB+BUN;0.760, 251.931, 1+ALB+BUN+ALT+NEFA+Arg+Orn;0.760, 252.230, 1+ALB+ALT+Arg+Lys+Val+Phe;0.760, 254.075, 1+ALB+BUN+gGT+T-BIL+His+Lys;0.760, 254.140, 1+ALB+gGT+Glc+Asn+Arg+Lys;0.760, 251.729, 1+ALB+ALT+Arg+Lys+Tyr+Trp;0.760, 254.976, 1+ALB+BUN+gGT+His+Thr+Lys;0.760, 255.019, 1+ALB+AST+T-BIL+His+Orn+Lys;0.760, 250.542, 1+ALB+BUN+Ca+ALT+BHBA+Lys;0.760, 251.292, 1

+ALB+BUN+ALT+3MeHis+Arg+Val;0.760, 251.923, 1+ALB+BUN+ALT+BHBA+Arg+Orn;
0.760, 249.038, 1+ALB+BUN+AST+3MeHis+Asp+Trp;0.760, 250.690, 1+ALB+BUN+AS
T+Arg+Asp+Trp;0.760, 251.639, 1+ALB+ALT+BHBA+Arg+Lys+Ile;0.760, 251.640,
1+ALB+ALT+Glc+Arg+Lys+Ile;0.760, 251.646, 1+Gly+Trp+TCHO+ALT+ALB+BUN;0.
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O+ALT+ALB;0.760, 250.857, 1+ALB+ALT+NEFA+Asp+Phe+Trp;0.760, 252.163, 1+AL
B+BUN+NEFA+Asp+Lys+Val;0.760, 252.367, 1+ALB+ALT+NEFA+Arg+Orn+Phe;0.760
, 253.502, 1+ALB+BUN+NEFA+Arg+Lys+Trp;0.760, 251.289, 1+ALB+BUN+ALT+3MeHi
s+Arg+Tyr;0.760, 251.792, 1+ALB+BUN+ALT+NEFA+Val+Trp;0.760, 250.700, 1+AL
B+ALT+Asp+Lys+Tyr+Phe;0.760, 251.946, 1+ALB+BUN+ALT+T-BIL+Arg+Orn;0.760
, 253.186, 1+ALB+ALT+Tyr+Val+Phe+Trp;0.760, 254.320, 1+ALB+BUN+AST+Orn+Ly
s+Ile;0.760, 249.860, 1+ALB+BUN+AST+3MeHis+Asp+Phe;0.760, 250.709, 1+ALB+
BUN+AST+ALT+Arg+Thr;0.760, 252.193, 1+ALB+AST+ALT+NEFA+3MeHis+Lys;0.760
, 251.631, 1+ALB+ALT+T-BIL+Arg+Lys+Ile;0.760, 253.082, 1+ALB+BUN+AST+3MeH
is+Orn+Lys;0.760, 254.866, 1+ALB+BUN+Glc+His+Orn+Lys;0.760, 251.408, 1+AL
B+AST+ALT+3MeHis+Lys+Trp;0.760, 252.440, 1+ALB+AST+ALT+NEFA+His+Lys;0.7
60, 256.013, 1+ALB+AST+His+Orn+Lys+Ile;0.760, 252.448, 1+ALB+AST+ALT+NEFA
+Lys+Ile;0.760, 253.876, 1+ALB+BUN+Ca+NEFA+His+Lys;0.760, 254.425, 1+ALB+
BUN+Tyr+Val+Phe+Trp;0.760, 254.128, 1+ALB+BUN+NEFA+3MeHis+Orn+Lys;0.760
, 254.279, 1+ALB+BUN+NEFA+Orn+Lys+Phe;0.760, 251.197, 1+ALB+ALT+NEFA+Arg+
Asp+Phe;0.760, 254.792, 1+ALB+BUN+Arg+Thr+Lys+Ile;0.760, 252.531, 1+ALB+A
LT+NEFA+Lys+Val+Phe;0.760, 251.050, 1+ALB+AST+ALT+Arg+Lys+Trp;0.760, 251
.077, 1+ALB+ALT+His+Arg+Lys+Ile;0.760, 252.387, 1+ALB+Ca+AST+T-BIL+Glc+A
sn;0.760, 250.487, 1+ALB+BUN+Ca+AST+ALT+Lys;0.760, 255.763, 1+ALB+BUN+gGT
+Thr+Lys+Ile;0.760, 252.591, 1+ALB+ALT+Arg+Tyr+Val+Phe;0.760, 252.306, 1+
ALB+ALT+Arg+Orn+Tyr+Trp;0.760, 253.205, 1+ALB+BUN+AST+T-BIL+Lys+Ile;0.7
60, 254.691, 1+ALB+AST+Arg+Orn+Tyr+Trp;0.760, 251.464, 1+ALB+Ca+ALT+Arg+L
ys+Ile;0.760, 250.124, 1+Trp+Glc+ALT+ALB+BUN;0.760, 251.389, 1+ALB+BUN+AL

T+NEFA+3MeHis+Arg;0.760,251.853,1+ALB+BUN+ALT+Arg+Orn+Tyr;0.760,252.501,1+ALB+ALT+NEFA+Arg+Tyr+Trp;0.760,254.866,1+ALB+BUN+gGT+His+Orn+Lys;0.760,250.248,1+ALB+ALT+Asp+Lys+Tyr+Trp;0.760,251.141,1+Trp+ALT+AST+gGT+ALB+BUN;0.760,252.419,1+ALB+BUN+AST+Orn+Phe+Trp;0.760,251.642,1+ALB+ALT+gGT+Arg+Lys+Ile;0.760,254.210,1+ALB+AST+NEFA+His+Orn+Lys;0.760,253.971,1+ALB+Ca+gGT+Glc+Asn+Orn;0.760,252.211,1+ALB+AST+ALT+Orn+Val+Phe;0.760,250.517,1+ALB+BUN+3MeHis+Arg+Asp+Trp;0.760,249.528,1+ALB+ALT+3MeHis+Arg+Asp+Trp;0.760,251.866,1+ALB+BUN+ALT+Arg+Orn+Ile;0.760,251.906,1+ALB+BUN+ALT+NEFA+His+Arg;0.760,251.959,1+ALB+BUN+ALT+gGT+Arg+Orn;0.760,254.071,1+ALB+BUN+T-BIL+Glc+His+Lys;0.760,254.072,1+ALB+BUN+T-BIL+BHBA+His+Lys;0.760,254.945,1+ALB+BUN+Glc+His+Thr+Lys;0.760,252.393,1+ALB+Ca+AST+T-BIL+Asn+Arg;0.760,252.440,1+ALB+Ca+ALT+Arg+Thr+Ile;0.760,254.116,1+ALB+BUN+Arg+Val+Phe+Trp;0.760,255.037,1+ALB+BUN+NEFA+Orn+Val+Phe;0.760,254.673,1+ALB+BUN+T-BIL+Thr+Lys+Ile;0.760,255.475,1+Ala+Gly+Trp+TG+ALB;0.760,249.041,1+ALB+BUN+ALT+3MeHis+Asp+Orn;0.760,250.821,1+ALB+ALT+NEFA+Arg+Asp+Lys;0.760,252.111,1+ALB+AST+ALT+Arg+Tyr+Phe;0.760,252.026,1+ALB+BUN+AST+3MeHis+Phe+Trp;0.760,254.308,1+ALB+BUN+AST+Thr+Lys+Ile;0.760,251.650,1+ALB+BUN+Ca+ALT+Arg+Orn;0.760,254.854,1+ALB+Ca+gGT+Asn+Arg+Lys;0.760,253.452,1+ALB+BUN+3MeHis+Tyr+Phe+Trp;0.760,251.177,1+ALB+BUN+NEFA+3MeHis+Asp+Phe;0.760,252.485,1+ALB+ALT+NEFA+Orn+Lys+Phe;0.760,250.612,1+ALB+ALT+NEFA+Asp+Lys+Phe;0.760,252.455,1+ALB+ALT+Arg+Tyr+Val+Trp;0.760,250.871,1+ALB+AST+Asn+Asp+Val+Phe;0.760,251.402,1+ALB+AST+ALT+3MeHis+Lys+Phe;0.760,252.005,1+ALB+AST+ALT+3MeHis+Orn+Lys;0.760,255.103,1+ALB+AST+NEFA+His+Lys+Ile;0.760,249.878,1+ALB+ALT+3MeHis+Asp+Tyr+Phe;0.760,250.814,1+ALB+ALT+Arg+Asp+Orn+Trp;0.760,251.920,1+ALB+ALT+NEFA+Arg+Lys+Trp;0.760,253.287,1+ALB+BUN+AST+NEFA+Lys+Val;0.760,254.792,1+ALB+Ca+gGT+T-BIL+Glc+Asn;0.760,251.150,1+ALB+BUN+3MeHis+Arg+A

sp+Phe;0.760,251.164,1+ALB+BUN+ALT+3MeHis+Arg+Orn;0.760,251.808,1+ALB
+ALT+Arg+Lys+Val+Trp;0.760,254.597,1+ALB+BUN+His+Arg+Lys+Ile;0.760,25
4.887,1+ALB+AST+NEFA+Orn+Val+Trp;0.760,251.477,1+ALB+ALT+His+Arg+Thr+
Ile;0.760,252.608,1+ALB+Ca+AST+BHBA+Asn+Arg;0.759,255.457,1+Ala+Gly+T
rp+Glc+ALB;0.759,250.911,1+ALB+ALT+Asp+Val+Phe+Trp;0.759,250.837,1+AL
B+ALT+Asp+Orn+Lys+Phe;0.759,253.425,1+ALB+BUN+T-BIL+His+Arg+Lys;0.759
,255.008,1+ALB+Ca+T-BIL+BHBA+Glc+Asn;0.759,254.926,1+ALB+Ca+gGT+T-BIL
+Asn+Arg;0.759,254.893,1+ALB+BUN+T-BIL+Orn+Lys+Ile;0.759,255.091,1+AL
B+BUN+NEFA+Orn+Tyr+Phe;0.759,249.915,1+ALB+BUN+ALT+Arg+Asp+Tyr;0.759,
250.688,1+ALB+ALT+Arg+Asp+Lys+Phe;0.759,250.898,1+ALB+BUN+AST+ALT+3Me
His+Arg;0.759,253.285,1+ALB+BUN+AST+NEFA+T-BIL+Lys;0.759,254.836,1+AL
B+AST+Orn+Lys+Val+Trp;0.759,252.636,1+ALB+Ca+AST+gGT+Asn+Arg;0.759,25
4.116,1+ALB+gGT+BHBA+Glc+Asn+Arg;0.759,254.228,1+ALB+BUN+NEFA+Arg+Lys
+Phe;0.759,248.130,1+Trp+ALT+ALB+BUN;0.759,251.247,1+ALB+ALT+NEFA+Asp
+Orn+Phe;0.759,251.424,1+ALB+BUN+ALT+3MeHis+Tyr+Trp;0.759,251.929,1+A
LB+ALT+Arg+Orn+Lys+Trp;0.759,250.250,1+ALB+AST+ALT+Asp+Orn+Trp;0.759,
252.491,1+ALB+ALT+T-BIL+Arg+Thr+Ile;0.759,255.414,1+ALB+AST+NEFA+Orn+
Lys+Val;0.759,256.120,1+ALB+Ca+gGT+T-BIL+BHBA+Asn;0.759,251.476,1+ALB
+ALT+3MeHis+Arg+Lys+Tyr;0.759,252.234,1+ALB+ALT+Arg+Orn+Lys+Phe;0.759
,252.239,1+ALB+BUN+ALT+T-BIL+Glc+Arg;0.759,252.466,1+ALB+ALT+NEFA+His
+Orn+Lys;0.759,252.565,1+ALB+ALT+NEFA+3MeHis+Phe+Trp;0.759,252.591,1+
ALB+AST+gGT+BHBA+Glc+Asn;0.759,253.145,1+ALB+ALT+Lys+Tyr+Val+Phe;0.75
9,252.357,1+ALB+AST+ALT+NEFA+Phe+Trp;0.759,253.284,1+ALB+BUN+AST+NEFA
+Orn+Lys;0.759,255.843,1+ALB+AST+Arg+Orn+Lys+Ile;0.759,251.581,1+ALB+
BUN+Ca+AST+ALT+Arg;0.759,252.900,1+ALB+Ca+AST+gGT+Glc+Asn;0.759,251.8
42,1+ALB+BUN+ALT+Arg+Orn+Val;0.759,254.733,1+ALB+BUN+NEFA+Glc+Lys+Ile
;0.759,252.108,1+Gly+Trp+Glc+ALT+ALB+BUN;0.759,250.956,1+ALB+ALT+3MeH
is+Arg+Lys+Phe;0.759,252.236,1+ALB+BUN+ALT+BHBA+Glc+Arg;0.759,251.203

, 1+ALB+ALT+His+Arg+Thr+Lys;0.759, 251.490, 1+ALB+ALT+His+Arg+Orn+Lys;0.759, 251.630, 1+ALB+ALT+BHBA+His+Arg+Lys;0.759, 253.368, 1+ALB+BUN+AST+NEFA+Glc+Lys;0.759, 252.058, 1+ALB+AST+ALT+Lys+Tyr+Trp;0.759, 252.581, 1+ALB+AST+ALT+Val+Phe+Trp;0.759, 254.770, 1+ALB+AST+NEFA+3MeHis+Lys+Val;0.759, 252.183, 1+ALB+Ca+AST+gGT+NEFA+Asn;0.759, 253.037, 1+ALB+BUN+Asp+Lys+Val+Phe;0.759, 251.142, 1+ALB+BUN+3MeHis+Asp+Tyr+Phe;0.759, 257.428, 1+Ala+Gly+Trp+TG+gGT+ALB;0.759, 250.175, 1+ALB+BUN+ALT+Asp+Orn+Tyr;0.759, 251.344, 1+ALB+ALT+Asp+Orn+Tyr+Trp;0.759, 250.155, 1+ALB+ALT+Arg+Asp+Lys+Trp;0.759, 252.430, 1+ALB+BUN+AST+NEFA+Phe+Trp;0.759, 252.923, 1+ALB+BUN+AST+NEFA+Arg+Lys;0.759, 255.599, 1+ALB+BUN+Lys+Tyr+Val+Phe;0.759, 252.397, 1+ALB+ALT+Arg+Orn+Val+Phe;0.759, 253.105, 1+ALB+BUN+Asp+Orn+Lys+Phe;0.759, 254.406, 1+Ala+Trp+Glc+TG+ALT+ALB;0.759, 254.695, 1+ALB+BUN+NEFA+T-BIL+Lys+Ile;0.759, 251.015, 1+ALB+ALT+3MeHis+Arg+Phe+Trp;0.759, 253.138, 1+ALB+ALT+NEFA+Val+Phe+Trp;0.759, 254.962, 1+ALB+Ca+gGT+BHBA+Asn+Arg;0.759, 250.807, 1+ALB+AST+ALT+3MeHis+Arg+Lys;0.759, 253.125, 1+ALB+BUN+NEFA+His+Arg+Lys;0.759, 253.245, 1+ALB+BUN+AST+T-BIL+Arg+Lys;0.759, 255.131, 1+ALB+AST+3MeHis+Orn+Val+Phe;0.759, 252.775, 1+ALB+BUN+AST+ALT+gGT+Orn;0.759, 253.987, 1+ALB+AST+3MeHis+Lys+Val+Trp;0.759, 256.361, 1+ALB+AST+Thr+Orn+Lys+Ile;0.759, 250.874, 1+Trp+TCHO+ALT+AST+ALB+BUN;0.759, 254.871, 1+ALB+BUN+Ca+His+Thr+Lys;0.759, 250.881, 1+ALB+AST+ALT+3MeHis+Arg+Trp;0.759, 255.321, 1+ALB+BUN+Orn+Lys+Val+Phe;0.759, 253.079, 1+Ala+BCAA+Glc+ALT+ALB+BUN;0.759, 255.446, 1+ALB+BUN+Orn+Lys+Tyr+Phe;0.759, 250.182, 1+ALB+AST+ALT+Asp+Phe+Trp;0.759, 252.298, 1+ALB+BUN+ALT+T-BIL+BHBA+Arg;0.759, 251.315, 1+ALB+BUN+3MeHis+Asp+Val+Phe;0.759, 251.331, 1+ALB+ALT+NEFA+His+Arg+Lys;0.759, 251.410, 1+ALB+BUN+AST+ALT+Arg+Orn;0.759, 252.393, 1+ALB+AST+ALT+3MeHis+Lys+Val;0.759, 254.122, 1+ALB+BUN+AST+Lys+Val+Phe;0.759, 252.004, 1+ALB+AST+ALT+Lys+Val+Trp;0.759, 255.751, 1+ALB+BUN+Glc+Thr+Lys+Ile;0.759, 253.158, 1+ALB+BUN+AST+3MeHis+Lys+Tyr;0.759, 251.459, 1+ALB+

BUN+ALT+NEFA+Tyr+Trp;0.759, 251.562, 1+ALB+BUN+ALT+Tyr+Val+Trp;0.759, 252.261, 1+ALB+BUN+ALT+gGT+Glc+Arg;0.759, 251.543, 1+ALB+ALT+His+Arg+Thr+Orn;0.759, 251.925, 1+ALB+AST+ALT+3MeHis+Phe+Trp;0.759, 252.178, 1+ALB+AST+ALT+His+Orn+Lys;0.759, 255.426, 1+ALB+AST+NEFA+Lys+Tyr+Phe;0.759, 256.569, 1+Ala+Gly+Trp+TCHO+TG+ALB;0.759, 253.041, 1+Ala+BCAA+TG+ALT+ALB+BUN;0.759, 250.113, 1+Gly+Trp+ALT+ALB+BUN;0.759, 251.015, 1+ALB+ALT+Arg+Asp+Lys+Val;0.759, 252.016, 1+ALB+ALT+3MeHis+Lys+Val+Trp;0.759, 251.817, 1+ALB+ALT+3MeHis+Arg+Tyr+Trp;0.759, 252.838, 1+ALB+BUN+AST+Tyr+Phe+Trp;0.759, 252.521, 1+ALB+AST+ALT+Arg+Orn+Ile;0.759, 252.923, 1+ALB+ALT+NEFA+Thr+Lys+Ile;0.759, 253.366, 1+ALB+BUN+AST+NEFA+Lys+Tyr;0.759, 253.886, 1+ALB+BUN+AST+His+Thr+Lys;0.759, 252.303, 1+ALB+BUN+NEFA+Arg+Asp+Lys;0.759, 254.127, 1+ALB+BUN+Arg+Orn+Phe+Trp;0.759, 255.921, 1+ALB+BUN+Glc+Orn+Lys+Ile;0.759, 250.093, 1+ALB+ALT+NEFA+3MeHis+Asp+Phe;0.759, 251.177, 1+ALB+ALT+Arg+Asp+Orn+Phe;0.759, 251.325, 1+ALB+ALT+3MeHis+Arg+Orn+Phe;0.759, 252.055, 1+ALB+ALT+NEFA+Arg+Lys+Phe;0.759, 251.789, 1+ALB+BUN+AST+Asp+Lys+Tyr;0.759, 250.994, 1+ALB+BUN+AST+ALT+Tyr+Trp;0.759, 251.627, 1+ALB+BUN+Ca+ALT+His+Arg;0.759, 254.726, 1+ALB+BUN+NEFA+BHBA+Lys+Ile;0.759, 250.760, 1+ALB+BUN+3MeHis+Asp+Orn+Trp;0.759, 252.121, 1+ALB+BUN+ALT+NEFA+Arg+Tyr;0.759, 250.761, 1+ALB+AST+ALT+Asp+Orn+Phe;0.759, 252.255, 1+ALB+BUN+ALT+Glc+Arg+Ile;0.759, 248.369, 1+ALB+AST+ALT+3MeHis+Asp+Lys;0.759, 252.738, 1+ALB+BUN+AST+Arg+Orn+Trp;0.759, 253.442, 1+ALB+AST+NEFA+Asp+Orn+Lys;0.759, 253.554, 1+ALB+BUN+AST+His+Arg+Lys;0.759, 255.647, 1+ALB+AST+NEFA+Orn+Val+Phe;0.759, 250.650, 1+ALB+BUN+AST+NEFA+Asp+Trp;0.759, 255.669, 1+ALB+BUN+Ca+Thr+Lys+Ile;0.759, 255.478, 1+ALB+BUN+Arg+Lys+Tyr+Phe;0.759, 250.091, 1+ALB+ALT+3MeHis+Asp+Val+Phe;0.759, 253.536, 1+Ala+Gly+Trp+ALB;0.759, 251.955, 1+ALB+BUN+ALT+Glc+His+Arg;0.759, 251.973, 1+ALB+BUN+ALT+T-BIL+His+Arg;0.759, 251.710, 1+ALB+AST+ALT+Orn+Lys+Trp;0.759, 253.464, 1+ALB+BUN+AST+T-BIL+Orn+Lys;0.759, 251.880, 1+ALB+AST+ALT+NEFA+Lys+Trp;0.75

9, 254.689, 1+ALB+BUN+Ca+His+Orn+Lys; 0.759, 250.333, 1+ALB+ALT+3MeHis+Asp+Orn+Trp; 0.759, 250.906, 1+ALB+ALT+Arg+Asp+Lys+Tyr; 0.759, 252.584, 1+ALB+ALT+NEFA+Arg+Val+Trp; 0.759, 252.207, 1+ALB+BUN+ALT+Thr+Orn+Ile; 0.759, 253.486, 1+ALB+BUN+AST+T-BIL+Thr+Lys; 0.759, 255.591, 1+ALB+AST+NEFA+Orn+Tyr+Phe; 0.759, 252.979, 1+ALB+BUN+AST+Orn+Val+Trp; 0.759, 250.951, 1+ALB+BUN+AST+Asp+Tyr+Trp; 0.758, 253.449, 1+ALB+Ca+AST+gGT+T-BIL+Asn; 0.758, 251.015, 1+ALB+ALT+Arg+Asp+Orn+Lys; 0.758, 251.117, 1+ALB+ALT+3MeHis+Arg+Lys+Trp; 0.758, 252.070, 1+ALB+BUN+ALT+His+Arg+Ile; 0.758, 252.319, 1+ALB+BUN+ALT+gGT+T-BIL+Arg; 0.758, 252.351, 1+ALB+AST+ALT+Orn+Val+Trp; 0.758, 253.305, 1+ALB+BUN+AST+NEFA+BHBA+Lys; 0.758, 254.161, 1+ALB+BUN+AST+Lys+Tyr+Phe; 0.758, 254.667, 1+ALB+BUN+AST+Orn+Val+Phe; 0.758, 251.298, 1+ALB+BUN+AST+ALT+Val+Trp; 0.758, 251.809, 1+ALB+BUN+AST+Arg+Asp+Lys; 0.758, 252.652, 1+ALB+AST+ALT+Lys+Tyr+Phe; 0.758, 254.092, 1+ALB+BUN+His+Arg+Thr+Lys; 0.758, 255.037, 1+ALB+AST+Orn+Lys+Tyr+Trp; 0.758, 255.201, 1+ALB+AST+T-BIL+Arg+Lys+Ile; 0.758, 251.082, 1+ALB+AST+3MeHis+Arg+Asp+Lys; 0.758, 251.434, 1+Gly+Trp+ALT+AST+ALB+BUN; 0.758, 254.011, 1+ALB+BUN+AST+BHBA+His+Lys; 0.758, 254.444, 1+Ala+Trp+TG+ALT+gGT+ALB; 0.758, 255.017, 1+ALB+BUN+gGT+T-BIL+Lys+Ile; 0.758, 253.954, 1+ALB+BUN+NEFA+Arg+Phe+Trp; 0.758, 252.931, 1+ALB+ALT+NEFA+3MeHis+Lys+Val; 0.758, 250.900, 1+ALB+ALT+NEFA+Arg+Asp+Trp; 0.758, 251.400, 1+BCAA+Trp+ALT+AST+ALB+BUN; 0.758, 254.841, 1+ALB+AST+Arg+Orn+Val+Trp; 0.758, 254.995, 1+ALB+AST+NEFA+Orn+Tyr+Trp; 0.758, 255.931, 1+ALB+BUN+gGT+Orn+Lys+Ile; 0.758, 251.841, 1+ALB+AST+ALT+Arg+Orn+Phe; 0.758, 255.098, 1+ALB+BUN+gGT+NEFA+Thr+Lys; 0.758, 252.484, 1+ALB+ALT+Orn+Lys+Val+Trp; 0.758, 251.296, 1+Ala+Trp+ALT+AST+ALB; 0.758, 251.543, 1+ALB+ALT+NEFA+3MeHis+Arg+Lys; 0.758, 251.720, 1+ALB+ALT+gGT+His+Arg+Lys; 0.758, 252.065, 1+ALB+AST+ALT+Orn+Lys+Phe; 0.758, 254.717, 1+ALB+BUN+AST+Orn+Tyr+Phe; 0.758, 251.236, 1+ALB+AST+ALT+His+Arg+Lys; 0.758, 251.917, 1+ALB+BUN+AST+ALT+Arg+Ile; 0.758, 253.259, 1+ALB+BUN+AST+NEFA+Thr+Lys; 0.758, 250.848, 1+ALB+AST+N

EFA+3MeHis+Asp+Lys;0.758, 251.967, 1+ALB+BUN+AST+3MeHis+Arg+Trp;0.758, 255.140, 1+ALB+AST+NEFA+Thr+Lys+Ile;0.758, 251.964, 1+ALB+BUN+Ca+ALT+T-BIL+Arg;0.758, 254.017, 1+Ala+Trp+TCHO+TG+ALT+ALB;0.758, 254.611, 1+ALB+BUN+NEFA+Orn+Lys+Ile;0.758, 255.070, 1+ALB+AST+3MeHis+Orn+Lys+Val;0.758, 252.361, 1+ALB+BUN+ALT+gGT+Thr+Orn;0.758, 251.812, 1+ALB+ALT+NEFA+Asp+Tyr+Phe;0.758, 252.305, 1+ALB+BUN+ALT+BHBA+Arg+Ile;0.758, 249.576, 1+ALB+BUN+AST+ALT+Arg+Asp;0.758, 254.596, 1+ALB+BUN+AST+gGT+Lys+Ile;0.758, 251.635, 1+ALB+ALT+T-BIL+His+Arg+Lys;0.758, 251.796, 1+ALB+BUN+AST+ALT+Glc+Arg;0.758, 251.812, 1+ALB+BUN+AST+Asp+Orn+Lys;0.758, 252.632, 1+ALB+AST+ALT+Lys+Val+Phe;0.758, 255.016, 1+ALB+AST+Orn+Val+Phe+Trp;0.758, 251.316, 1+Trp+TG+ALT+AST+ALB+BUN;0.758, 255.462, 1+ALB+AST+NEFA+T-BIL+Lys+Ile;0.758, 252.705, 1+ALB+AST+ALT+Thr+Lys+Ile;0.758, 257.419, 1+Ala+Gly+Trp+Glc+gGT+ALB;0.758, 254.273, 1+ALB+BUN+NEFA+3MeHis+Orn+Phe;0.758, 255.629, 1+ALB+BUN+gGT+His+Lys+Ile;0.758, 252.602, 1+ALB+ALT+3MeHis+Orn+Lys+Val;0.758, 252.653, 1+ALB+ALT+T-BIL+His+Orn+Lys;0.758, 253.969, 1+ALB+BUN+NEFA+Arg+Lys+Ile;0.758, 252.403, 1+ALB+ALT+Arg+Orn+Val+Trp;0.758, 251.661, 1+ALB+AST+ALT+NEFA+Arg+Lys;0.758, 256.835, 1+ALB+AST+Glc+Orn+Lys+Ile;0.758, 254.678, 1+ALB+AST+Arg+Lys+Tyr+Trp;0.758, 255.542, 1+ALB+AST+NEFA+Glc+Orn+Lys;0.758, 253.442, 1+ALB+AST+Asp+Lys+Val+Trp;0.758, 254.768, 1+ALB+AST+NEFA+Arg+Lys+Tyr;0.758, 253.970, 1+ALB+BUN+Ca+T-BIL+His+Lys;0.758, 251.971, 1+ALB+BUN+Ca+ALT+BHBA+Arg;0.758, 252.446, 1+Ala+Trp+TG+ALT+ALB;0.758, 254.437, 1+Ala+Trp+Glc+ALT+gGT+ALB;0.758, 255.628, 1+ALB+BUN+Glc+His+Lys+Ile;0.758, 250.389, 1+ALB+ALT+Asp+Orn+Lys+Trp;0.758, 252.191, 1+ALB+BUN+ALT+NEFA+Glc+Arg;0.758, 248.877, 1+ALB+ALT+3MeHis+Asp+Lys+Val;0.758, 251.891, 1+ALB+BUN+AST+ALT+gGT+Arg;0.758, 250.203, 1+ALB+AST+ALT+NEFA+Asp+Lys;0.758, 251.712, 1+ALB+BUN+AST+ALT+His+Arg;0.758, 251.812, 1+ALB+BUN+AST+Asp+Lys+Val;0.758, 250.440, 1+ALB+AST+3MeHis+Asp+Lys+Trp;0.758, 255.521, 1+ALB+AST+NEFA+T-BIL+Orn+Lys

s;0.758,252.033,1+ALB+AST+ALT+His+Arg+Orn;0.758,253.262,1+ALB+AST+NEFA+Arg+Asp+Lys;0.758,249.606,1+ALB+AST+ALT+3MeHis+Asp+Phe;0.758,251.807,1+ALB+ALT+NEFA+3MeHis+Arg+Trp;0.758,255.152,1+ALB+BUN+gGT+NEFA+T-BIL+Lys;0.758,252.273,1+ALB+BUN+ALT+NEFA+T-BIL+Arg;0.758,252.318,1+ALB+BUN+ALT+T-BIL+Arg+Ile;0.758,250.887,1+ALB+ALT+Arg+Asp+Val+Trp;0.758,251.326,1+ALB+AST+3MeHis+Asp+Lys+Phe;0.758,251.497,1+Trp+Glc+ALT+AST+ALB+BUN;0.758,253.378,1+ALB+AST+Arg+Asp+Lys+Trp;0.758,250.920,1+ALB+AST+ALT+3MeHis+Arg+Phe;0.758,253.417,1+ALB+BUN+Arg+Asp+Orn+Lys;0.758,253.611,1+ALB+BUN+NEFA+3MeHis+Arg+Lys;0.758,252.369,1+ALB+BUN+ALT+gGT+Arg+Ile;0.758,252.517,1+ALB+ALT+His+Orn+Lys+Ile;0.758,252.725,1+ALB+ALT+3MeHis+Lys+Tyr+Val;0.758,249.110,1+ALB+ALT+NEFA+3MeHis+Asp+Lys;0.758,253.247,1+ALB+BUN+AST+gGT+T-BIL+Lys;0.758,254.538,1+ALB+AST+NEFA+3MeHis+Orn+Lys;0.758,251.704,1+ALB+AST+ALT+Arg+Lys+Phe;0.758,251.956,1+ALB+AST+ALT+NEFA+Lys+Phe;0.758,252.635,1+ALB+AST+ALT+NEFA+Arg+Orn;0.758,253.352,1+ALB+BUN+AST+NEFA+Orn+Phe;0.758,254.608,1+ALB+BUN+AST+gGT+Thr+Lys;0.758,253.326,1+ALB+BUN+Ca+AST+NEFA+Lys;0.758,252.032,1+Ala+Trp+TCHO+ALT+ALB;0.758,251.930,1+ALB+BUN+Ca+ALT+NEFA+Arg;0.758,252.438,1+Ala+Trp+Glc+ALT+ALB;0.758,252.477,1+Ala+Trp+ALT+gGT+ALB;0.758,251.950,1+ALB+BUN+ALT+NEFA+Arg+Val;0.758,250.493,1+ALB+BUN+ALT+NEFA+Asp+Orn;0.758,250.966,1+ALB+BUN+3MeHis+Asp+Tyr+Trp;0.758,252.303,1+ALB+BUN+ALT+gGT+BHBA+Arg;0.758,250.340,1+ALB+ALT+Asp+Lys+Val+Trp;0.758,251.719,1+ALB+ALT+Glc+His+Arg+Lys;0.758,252.415,1+ALB+ALT+NEFA+Arg+Orn+Trp;0.758,250.348,1+ALB+AST+ALT+Asp+Lys+Phe;0.758,251.756,1+ALB+BUN+AST+ALT+T-BIL+Arg;0.758,252.255,1+ALB+AST+ALT+3MeHis+Lys+Tyr;0.758,252.941,1+ALB+BUN+AST+Arg+Tyr+Trp;0.758,255.546,1+ALB+AST+NEFA+BHBA+Orn+Lys;0.758,254.904,1+ALB+AST+gGT+NEFA+Lys+Ile;0.758,256.520,1+Ala+Gly+Trp+Glc+TCHO+ALB;0.758,252.764,1+Ala+Trp+TCHO+ALT+AST+ALB;0.758,251.997,1+ALB+BUN+Ca+ALT+gGT+Arg;0.758,254.341,1+Ala+BCAA+Trp+TG+ALT+ALB;0.7

58, 255.006, 1+ALB+BUN+T-BIL+BHBA+Lys+Ile;0.758, 252.346, 1+ALB+BUN+ALT+B
HBA+Thr+Orn;0.758, 251.351, 1+ALB+ALT+NEFA+Asp+Orn+Trp;0.758, 251.895, 1+
ALB+ALT+3MeHis+Arg+Val+Trp;0.758, 251.971, 1+ALB+BUN+ALT+BHBA+His+Arg;0
.758, 252.255, 1+ALB+BUN+ALT+NEFA+BHBA+Arg;0.758, 252.274, 1+ALB+BUN+ALT+
gGT+NEFA+Arg;0.758, 251.540, 1+ALB+ALT+3MeHis+Arg+Orn+Lys;0.758, 252.390
, 1+ALB+AST+ALT+NEFA+Orn+Trp;0.758, 254.370, 1+ALB+AST+NEFA+Arg+Orn+Trp;
0.758, 254.811, 1+ALB+Ca+gGT+BHBA+Glc+Asn;0.758, 253.406, 1+ALB+BUN+Arg+A
sp+Lys+Tyr;0.758, 253.426, 1+ALB+BUN+Arg+Asp+Lys+Val;0.758, 254.468, 1+AL
B+BUN+3MeHis+Orn+Lys+Tyr;0.758, 251.954, 1+ALB+BUN+ALT+Arg+Tyr+Val;0.75
8, 251.365, 1+ALB+ALT+Asp+Orn+Val+Trp;0.758, 250.370, 1+ALB+ALT+NEFA+Asp+
Lys+Trp;0.758, 251.818, 1+ALB+ALT+3MeHis+Arg+Orn+Trp;0.758, 252.021, 1+AL
B+AST+ALT+Arg+Orn+Lys;0.758, 252.265, 1+ALB+BUN+ALT+NEFA+Arg+Ile;0.758,
253.045, 1+ALB+BUN+ALT+His+Orn+Ile;0.758, 253.552, 1+ALB+BUN+AST+T-BIL+G
lc+Lys;0.758, 253.554, 1+ALB+BUN+AST+T-BIL+BHBA+Lys;0.758, 253.615, 1+ALB
+BUN+AST+NEFA+3MeHis+Phe;0.758, 251.807, 1+ALB+BUN+AST+ALT+BHBA+Arg;0.7
58, 251.822, 1+ALB+BUN+AST+ALT+Thr+Orn;0.758, 252.871, 1+ALB+BUN+AST+Val+
Phe+Trp;0.758, 253.002, 1+ALB+AST+ALT+BHBA+His+Lys;0.758, 253.254, 1+ALB+
AST+NEFA+Asp+Lys+Tyr;0.758, 255.110, 1+ALB+AST+Orn+Tyr+Phe+Trp;0.758, 25
5.541, 1+ALB+AST+NEFA+Orn+Lys+Tyr;0.758, 250.958, 1+ALB+BUN+AST+Asp+Val+
Trp;0.758, 251.802, 1+ALB+AST+ALT+NEFA+Arg+Phe;0.758, 254.525, 1+ALB+BUN+
3MeHis+Orn+Tyr+Phe;0.758, 251.519, 1+ALB+BUN+AST+Asp+Lys+Phe;0.758, 252.
852, 1+ALB+AST+ALT+NEFA+T-BIL+Lys;0.758, 253.112, 1+ALB+BUN+AST+Orn+Tyr+
Trp;0.758, 253.929, 1+ALB+BUN+AST+Arg+Lys+Ile;0.758, 254.236, 1+ALB+AST+3
MeHis+Arg+Lys+Val;0.758, 256.163, 1+ALB+AST+Arg+Thr+Orn+Ile;0.758, 256.4
04, 1+ALB+AST+NEFA+Thr+Orn+Ile;0.758, 253.401, 1+ALB+BUN+Asp+Orn+Lys+Tyr
;0.758, 253.402, 1+ALB+BUN+Asp+Lys+Tyr+Val;0.758, 253.957, 1+ALB+BUN+3MeH
is+Arg+Lys+Tyr;0.758, 255.185, 1+ALB+BUN+gGT+NEFA+Glc+Lys;0.758, 250.969
, 1+ALB+BUN+3MeHis+Asp+Val+Trp;0.758, 252.646, 1+ALB+ALT+Orn+Lys+Tyr+Trp

;0.758, 252.872, 1+ALB+ALT+NEFA+3MeHis+Lys+Tyr;0.758, 251.166, 1+ALB+ALT+NEFA+Asp+Lys+Val;0.758, 251.542, 1+ALB+BUN+AST+ALT+Arg+Val;0.758, 252.572, 1+ALB+BUN+AST+Arg+Phe+Trp;0.758, 251.378, 1+ALB+AST+3MeHis+Asp+Orn+Lys;0.758, 252.939, 1+ALB+BUN+AST+ALT+Orn+Ile;0.758, 254.273, 1+ALB+AST+3MeHis+Orn+Val+Trp;0.758, 255.385, 1+ALB+AST+Orn+Tyr+Val+Trp;0.758, 254.369, 1+ALB+AST+NEFA+Arg+Tyr+Trp;0.758, 254.756, 1+ALB+BUN+Ca+AST+Lys+Ile;0.758, 254.465, 1+ALB+BUN+T-BIL+Arg+Lys+Ile;0.758, 252.569, 1+ALB+BUN+Arg+Asp+Orn+Trp;0.758, 251.730, 1+ALB+BUN+AST+ALT+Arg+Tyr;0.758, 251.665, 1+ALB+BUN+AST+ALT+NEFA+Arg;0.758, 252.540, 1+ALB+AST+ALT+NEFA+Orn+Lys;0.758, 252.655, 1+ALB+ALT+His+Arg+Orn+Ile;0.758, 252.714, 1+ALB+BUN+AST+ALT+His+Orn;0.758, 254.768, 1+ALB+BUN+Glc+His+Arg+Lys;0.758, 254.839, 1+ALB+BUN+AST+Glc+Lys+Ile;0.758, 255.540, 1+ALB+AST+NEFA+Thr+Orn+Lys;0.758, 252.420, 1+ALB+AST+NEFA+Asp+Lys+Trp;0.757, 252.416, 1+ALB+Ca+ALT+His+Arg+Orn;0.757, 251.964, 1+ALB+BUN+Ca+ALT+Glc+Arg;0.757, 254.644, 1+ALB+BUN+Ca+NEFA+Lys+Ile;0.757, 253.954, 1+ALB+BUN+AST+Orn+Lys+Phe;0.757, 253.416, 1+ALB+BUN+Asp+Orn+Lys+Val;0.757, 255.105, 1+ALB+BUN+NEFA+Glc+Thr+Lys;0.757, 250.913, 1+ALB+ALT+Asp+Lys+Val+Phe;0.757, 252.374, 1+ALB+BUN+ALT+NEFA+Thr+Orn;0.757, 252.883, 1+ALB+ALT+NEFA+Orn+Lys+Ile;0.757, 253.107, 1+ALB+ALT+Glc+Orn+Lys+Ile;0.757, 255.225, 1+ALB+AST+NEFA+Orn+Lys+Phe;0.757, 250.282, 1+ALB+AST+ALT+Arg+Asp+Lys;0.757, 253.269, 1+ALB+ALT+NEFA+T-BIL+Lys+Ile;0.757, 256.797, 1+ALB+AST+BHBA+Orn+Lys+Ile;0.757, 250.027, 1+ALB+BUN+AST+ALT+Asp+Orn;0.757, 253.452, 1+ALB+AST+NEFA+Asp+Lys+Val;0.757, 255.286, 1+ALB+AST+NEFA+Arg+Thr+Ile;0.757, 251.363, 1+ALB+ALT+Asp+Orn+Val+Phe;0.757, 255.304, 1+ALB+BUN+NEFA+3MeHis+Val+Phe;0.757, 255.505, 1+ALB+BUN+Glc+Arg+Lys+Ile;0.757, 255.637, 1+ALB+BUN+gGT+Glc+His+Lys;0.757, 250.119, 1+ALB+BUN+ALT+Asp+Orn+Val;0.757, 252.374, 1+ALB+BUN+ALT+T-BIL+Thr+Orn;0.757, 252.691, 1+ALB+ALT+3MeHis+Orn+Lys+Tyr;0.757, 253.220, 1+ALB+ALT+Glc+Thr+Lys+Ile;0.757, 253.267, 1+ALB+ALT+T-BIL+Thr+Lys+Ile;0.757, 254.663, 1

+ALB+AST+NEFA+Orn+Phe+Trp;0.757,255.456,1+ALB+AST+NEFA+Glc+Lys+Ile;0.757,253.961,1+ALB+BUN+3MeHis+Arg+Orn+Lys;0.757,252.657,1+ALB+ALT+BHBA+His+Orn+Lys;0.757,254.381,1+ALB+AST+NEFA+Orn+Lys+Trp;0.757,251.240,1+ALB+AST+3MeHis+Asp+Lys+Tyr;0.757,252.082,1+ALB+BUN+ALT+gGT+His+Arg;0.757,254.425,1+ALB+BUN+His+Arg+Orn+Lys;0.757,254.547,1+ALB+BUN+AST+BHBA+Lys+Ile;0.757,251.381,1+ALB+BUN+AST+ALT+3MeHis+Trp;0.757,252.871,1+ALB+AST+ALT+NEFA+BHBA+Lys;0.757,252.610,1+ALB+BUN+AST+NEFA+Arg+Trp;0.757,251.972,1+ALB+BUN+Ca+ALT+Arg+Ile;0.757,253.502,1+ALB+BUN+NEFA+Asp+Tyr+Phe;0.757,255.615,1+ALB+BUN+BHBA+Thr+Lys+Ile;0.757,255.433,1+ALB+BUN+Arg+Orn+Lys+Ile;0.757,252.757,1+ALB+ALT+Arg+Orn+Lys+Tyr;0.757,252.717,1+ALB+ALT+Glc+His+Arg+Orn;0.757,252.738,1+ALB+ALT+Glc+His+Orn+Lys;0.757,255.710,1+ALB+AST+Arg+Thr+Lys+Ile;0.757,255.450,1+ALB+AST+NEFA+BHBA+Lys+Ile;0.757,252.902,1+ALB+BUN+AST+NEFA+Orn+Trp;0.757,254.254,1+ALB+BUN+AST+gGT+His+Lys;0.757,255.712,1+ALB+AST+NEFA+Arg+Orn+Ile;0.757,251.575,1+ALB+Ca+ALT+His+Arg+Lys;0.757,255.019,1+ALB+BUN+T-BIL+Glc+Lys+Ile;0.757,253.054,1+ALB+3MeHis+Asp+Lys+Tyr+Phe;0.757,250.953,1+ALB+BUN+NEFA+3MeHis+Asp+Trp;0.757,253.111,1+ALB+ALT+BHBA+Orn+Lys+Ile;0.757,254.537,1+ALB+BUN+BHBA+His+Orn+Lys;0.757,252.072,1+ALB+AST+ALT+Arg+Lys+Tyr;0.757,252.855,1+ALB+AST+ALT+T-BIL+His+Lys;0.757,255.502,1+ALB+BUN+Arg+Lys+Val+Phe;0.757,254.288,1+ALB+BUN+3MeHis+Arg+Orn+Phe;0.757,253.550,1+ALB+BUN+ALT+gGT+Glc+Orn;0.757,249.040,1+ALB+ALT+3MeHis+Asp+Lys+Tyr;0.757,252.741,1+ALB+ALT+NEFA+3MeHis+Orn+Lys;0.757,253.084,1+ALB+ALT+T-BIL+Orn+Lys+Ile;0.757,253.008,1+ALB+ALT+NEFA+His+Lys+Ile;0.757,254.532,1+ALB+BUN+AST+Thr+Orn+Lys;0.757,252.929,1+ALB+AST+ALT+Glc+Orn+Lys;0.757,254.485,1+ALB+BUN+AST+BHBA+Thr+Lys;0.757,254.598,1+ALB+AST+NEFA+Lys+Tyr+Trp;0.757,254.455,1+ALB+BUN+AST+His+Lys+Ile;0.757,256.035,1+ALB+AST+BHBA+His+Orn+Lys;0.757,251.510,1+ALB+AST+3MeHis+Asp+Orn+Trp;0.757,254.144,1+ALB+Ca+gGT+Glc+Asn+Arg;0.757,255.136,1

+ALB+BUN+gGT+NEFA+BHBA+Lys;0.757,252.350,1+ALB+BUN+ALT+Glc+Thr+Orn;0.757,255.082,1+ALB+BUN+NEFA+T-BIL+Thr+Lys;0.757,255.351,1+ALB+BUN+NEFA+3MeHis+Tyr+Phe;0.757,252.230,1+ALB+ALT+NEFA+3MeHis+Lys+Trp;0.757,254.033,1+ALB+BUN+AST+Arg+Lys+Phe;0.757,252.720,1+ALB+ALT+T-BIL+His+Arg+Orn;0.757,254.371,1+ALB+BUN+AST+gGT+BHBA+Lys;0.757,251.499,1+ALB+BUN+AST+ALT+NEFA+Trp;0.757,252.996,1+ALB+BUN+AST+Arg+Val+Trp;0.757,253.502,1+ALB+BUN+Ca+AST+T-BIL+Lys;0.757,253.701,1+ALB+Ca+AST+gGT+BHBA+Asn;0.757,254.824,1+ALB+BUN+NEFA+Arg+Thr+Lys;0.757,255.157,1+ALB+BUN+gGT+NEFA+Orn+Lys;0.757,253.026,1+ALB+AST+ALT+NEFA+Arg+Ile;0.757,252.641,1+ALB+ALT+NEFA+Orn+Lys+Trp;0.757,256.443,1+ALB+AST+Glc+Arg+Lys+Ile;0.757,249.100,1+ALB+ALT+3MeHis+Asp+Orn+Lys;0.757,251.101,1+ALB+AST+3MeHis+Asp+Lys+Val;0.757,254.795,1+ALB+BUN+AST+Glc+Thr+Lys;0.757,254.043,1+ALB+AST+NEFA+Arg+Lys+Trp;0.757,254.983,1+ALB+AST+NEFA+Arg+Orn+Lys;0.757,256.750,1+ALB+Ca+AST+Orn+Lys+Ile;0.757,255.917,1+ALB+3MeHis+Lys+Val+Phe+Trp;0.757,250.336,1+ALB+BUN+ALT+Asp+Tyr+Val;0.757,253.084,1+ALB+ALT+gGT+Orn+Lys+Ile;0.757,253.231,1+ALB+BUN+ALT+Glc+His+Orn;0.757,250.894,1+ALB+AST+ALT+Arg+Asp+Phe;0.757,252.602,1+ALB+ALT+NEFA+His+Arg+Orn;0.757,252.722,1+ALB+ALT+BHBA+His+Arg+Orn;0.757,252.874,1+ALB+AST+ALT+NEFA+Glc+Lys;0.757,252.956,1+ALB+BUN+AST+ALT+Glc+Orn;0.757,254.378,1+ALB+AST+3MeHis+Arg+Lys+Tyr;0.757,255.047,1+ALB+AST+NEFA+Glc+Arg+Lys;0.757,255.505,1+ALB+BUN+Arg+Orn+Lys+Phe;0.757,253.552,1+ALB+BUN+ALT+gGT+NEFA+Orn;0.757,253.792,1+ALB+BUN+3MeHis+Arg+Orn+Trp;0.757,252.076,1+ALB+ALT+3MeHis+Orn+Lys+Trp;0.757,253.300,1+ALB+ALT+gGT+Thr+Lys+Ile;0.757,254.338,1+ALB+BUN+AST+Arg+Thr+Lys;0.757,253.436,1+ALB+AST+Arg+Asp+Tyr+Trp;0.757,253.567,1+ALB+AST+Arg+Asp+Orn+Trp;0.757,254.940,1+ALB+AST+NEFA+3MeHis+Lys+Tyr;0.757,257.261,1+ALB+AST+T-BIL+Thr+Orn+Ile;0.757,253.311,1+ALB+BUN+Ca+ALT+gGT+Orn;0.757,253.148,1+ALB+ALT+NEFA+Glc+His+Lys;0.757,254.417,1+ALB+BUN+AST+BHBA+Orn+Lys;0.757,254.785,

1+ALB+BUN+AST+gGT+Glc+Lys;0.7
57, 253.952, 1+ALB+AST+ALT+NEFA+His+Orn;0.757, 252.675, 1+ALB+Ca+AST+ALT+Arg+Orn;0.757, 255.777, 1+ALB+BUN+Ca+Orn+Lys+Ile;0.757, 254.476, 1+ALB+AST+NEFA+Lys+Val+Trp;0.757, 254.849, 1+ALB+BUN+NEFA+Arg+Lys+Tyr;0.757, 252.561, 1+ALB+ALT+NEFA+Arg+Lys+Tyr;0.757, 255.159, 1+ALB+BUN+gGT+BHBA+His+Lys;0.757, 253.214, 1+ALB+BUN+ALT+gGT+His+Orn;0.757, 254.670, 1+ALB+BUN+AST+Glc+Orn+Lys;0.757, 252.859, 1+ALB+ALT+His+Thr+Lys+Ile;0.757, 252.883, 1+ALB+AST+ALT+NEFA+Lys+Val;0.757, 253.138, 1+ALB+AST+ALT+His+Lys+Ile;0.757, 255.150, 1+ALB+AST+Arg+Tyr+Phe+Trp;0.757, 252.916, 1+ALB+AST+ALT+T-BIL+Lys+Ile;0.757, 253.589, 1+ALB+AST+NEFA+His+Arg+Lys;0.757, 256.366, 1+ALB+3MeHis+Orn+Lys+Val+Phe;0.757, 255.142, 1+ALB+BUN+NEFA+T-BIL+BHBA+Lys;0.757, 253.537, 1+ALB+BUN+ALT+gGT+T-BIL+Orn;0.757, 252.445, 1+ALB+BUN+Arg+Asp+Tyr+Trp;0.757, 252.601, 1+ALB+ALT+NEFA+Arg+Lys+Val;0.757, 253.657, 1+ALB+ALT+NEFA+3MeHis+Tyr+Phe;0.757, 254.656, 1+ALB+BUN+AST+Arg+Orn+Phe;0.757, 254.675, 1+ALB+BUN+AST+Orn+Lys+Val;0.757, 254.779, 1+ALB+BUN+gGT+His+Arg+Lys;0.757, 252.007, 1+ALB+AST+ALT+T-BIL+Arg+Lys;0.757, 252.381, 1+ALB+AST+ALT+Orn+Tyr+Trp;0.757, 252.853, 1+ALB+AST+ALT+BHBA+Orn+Lys;0.757, 253.467, 1+ALB+AST+Asp+Orn+Tyr+Trp;0.757, 256.191, 1+ALB+AST+Glc+His+Orn+Lys;0.757, 257.011, 1+ALB+AST+T-BIL+BHBA+His+Orn;0.757, 255.251, 1+ALB+AST+NEFA+Glc+His+Lys;0.757, 255.533, 1+ALB+Ca+AST+NEFA+Orn+Lys;0.757, 255.102, 1+ALB+BUN+Ca+gGT+NEFA+Lys;0.757, 250.992, 1+ALB+BUN+AST+3MeHis+Arg+Asp;0.757, 251.151, 1+ALB+ALT+NEFA+Asp+Orn+Lys;0.757, 252.850, 1+ALB+AST+ALT+T-BIL+Arg+Orn;0.757, 252.918, 1+ALB+AST+ALT+Orn+Lys+Val;0.757, 253.309, 1+ALB+ALT+BHBA+Thr+Lys+Ile;0.757, 254.839, 1+ALB+AST+Arg+Orn+Lys+Trp;0.757, 255.140, 1+ALB+AST+Orn+Lys+Phe+Trp;0.757, 253.504, 1+ALB+AST+ALT+Thr+Orn+Ile;0.757, 253.492, 1+ALB+AST+Asp+Lys+Phe+Trp;0.756, 253.163, 1+ALB+Ca+ALT+Arg+Orn+Ile;0.756, 255.064, 1+ALB+BUN+NEFA+Orn+Lys+Val;0.756, 255.090, 1+ALB+BUN+NEFA+Lys+Tyr+Val;0.756, 255.162, 1+ALB+BUN+NEFA+T

-BIL+Glc+Lys;0.756, 255.783, 1+ALB+BUN+BHBA+Orn+Lys+Ile;0.756, 251.466, 1+ALB+ALT+Arg+Asp+Val+Phe;0.756, 249.403, 1+ALB+BUN+ALT+3MeHis+Asp+Tyr;0.756, 251.140, 1+ALB+ALT+NEFA+Asp+Lys+Tyr;0.756, 252.599, 1+ALB+BUN+Asp+Orn+Val+Trp;0.756, 252.833, 1+ALB+ALT+NEFA+Lys+Tyr+Trp;0.756, 252.767, 1+ALB+ALT+NEFA+Lys+Val+Trp;0.756, 254.618, 1+ALB+BUN+AST+Orn+Lys+Tyr;0.756, 252.790, 1+ALB+AST+ALT+NEFA+Thr+Lys;0.756, 253.123, 1+ALB+AST+ALT+BHBA+Lys+Ile;0.756, 253.294, 1+ALB+AST+3MeHis+Arg+Lys+Trp;0.756, 253.326, 1+ALB+AST+Asp+Orn+Lys+Trp;0.756, 253.213, 1+ALB+Ca+AST+ALT+Lys+Ile;0.756, 253.147, 1+ALB+BUN+ALT+NEFA+3MeHis+Orn;0.756, 255.087, 1+ALB+BUN+NEFA+Thr+Orn+Lys;0.756, 252.175, 1+ALB+3MeHis+Asp+Lys+Val+Trp;0.756, 252.528, 1+ALB+BUN+Asp+Orn+Tyr+Trp;0.756, 251.367, 1+ALB+ALT+Asp+Orn+Lys+Tyr;0.756, 252.357, 1+ALB+AST+ALT+Arg+Val+Phe;0.756, 253.658, 1+ALB+ALT+NEFA+3MeHis+Val+Phe;0.756, 250.634, 1+ALB+AST+ALT+Asp+Orn+Lys;0.756, 251.388, 1+ALB+AST+ALT+Arg+Asp+Orn;0.756, 252.506, 1+ALB+BUN+AST+3MeHis+Orn+Trp;0.756, 256.335, 1+ALB+NEFA+Arg+Thr+Lys+Ile;0.756, 253.134, 1+ALB+AST+NEFA+Asp+Orn+Trp;0.756, 255.285, 1+ALB+AST+NEFA+T-BIL+His+Lys;0.756, 255.741, 1+ALB+AST+His+Thr+Orn+Lys;0.756, 253.193, 1+ALB+Ca+AST+ALT+Arg+Ile;0.756, 254.788, 1+ALB+BUN+Ca+NEFA+Arg+Lys;0.756, 249.352, 1+ALB+BUN+ALT+3MeHis+Asp+Val;0.756, 251.370, 1+ALB+ALT+Asp+Orn+Lys+Val;0.756, 253.519, 1+ALB+BUN+ALT+Glc+Orn+Ile;0.756, 254.483, 1+ALB+BUN+AST+Glc+Arg+Lys;0.756, 252.092, 1+ALB+AST+ALT+Arg+Lys+Val;0.756, 253.882, 1+ALB+AST+3MeHis+Orn+Lys+Trp;0.756, 251.613, 1+ALB+AST+ALT+His+Arg+Thr;0.756, 252.833, 1+ALB+AST+ALT+Thr+Orn+Lys;0.756, 253.896, 1+ALB+AST+NEFA+3MeHis+Lys+Trp;0.756, 251.156, 1+ALB+AST+3MeHis+Arg+Asp+Trp;0.756, 252.874, 1+ALB+Ca+AST+ALT+Orn+Lys;0.756, 252.952, 1+ALB+BUN+Ca+ALT+His+Orn;0.756, 254.921, 1+ALB+BUN+Ca+T-BIL+Lys+Ile;0.756, 254.887, 1+ALB+BUN+NEFA+Glc+Arg+Lys;0.756, 255.542, 1+ALB+BUN+gGT+Arg+Lys+Ile;0.756, 255.451, 1+ALB+AST+NEFA+Lys+Val+Phe;0.756, 253.218, 1+ALB+BUN+ALT+NEFA+His+Orn;0.756, 255.476, 1+ALB+BUN+Ca+His+Lys

+Ile;0.756, 253.871, 1+ALB+BUN+3MeHis+Arg+Tyr+Trp;0.756, 250.408, 1+ALB+ALT+3MeHis+Arg+Asp+Val;0.756, 253.122, 1+ALB+ALT+gGT+NEFA+His+Lys;0.756, 254.515, 1+ALB+BUN+AST+Arg+Lys+Val;0.756, 252.031, 1+ALB+AST+ALT+BHBA+Arg+Lys;0.756, 249.595, 1+ALB+AST+ALT+3MeHis+Arg+Asp;0.756, 252.707, 1+ALB+AST+ALT+NEFA+His+Arg;0.756, 255.758, 1+ALB+AST+NEFA+Arg+Thr+Orn;0.756, 256.032, 1+ALB+AST+gGT+His+Orn+Lys;0.756, 253.088, 1+ALB+AST+NEFA+Arg+Asp+Trp;0.756, 255.098, 1+ALB+AST+NEFA+His+Thr+Orn;0.756, 255.284, 1+ALB+AST+NEFA+BHBA+His+Lys;0.756, 256.722, 1+ALB+AST+T-BIL+BHBA+Lys+Ile;0.756, 252.295, 1+ALB+BUN+Ca+ALT+Thr+Orn;0.756, 253.025, 1+ALB+Ca+ALT+Orn+Lys+Ile;0.756, 253.309, 1+ALB+BUN+Ca+ALT+Orn+Ile;0.756, 253.430, 1+ALB+AST+ALT+T-BIL+Arg+Ile;0.756, 255.152, 1+ALB+BUN+NEFA+BHBA+Glc+Lys;0.756, 255.168, 1+ALB+BUN+NEFA+Glc+Orn+Lys;0.756, 253.467, 1+ALB+ALT+NEFA+Thr+Orn+Lys;0.756, 254.458, 1+ALB+BUN+AST+gGT+Orn+Lys;0.756, 254.232, 1+ALB+BUN+AST+BHBA+Arg+Lys;0.756, 254.413, 1+ALB+BUN+AST+Arg+Orn+Lys;0.756, 252.090, 1+ALB+AST+ALT+Glc+Arg+Lys;0.756, 254.862, 1+ALB+BUN+AST+Lys+Tyr+Val;0.756, 252.490, 1+ALB+Ca+AST+BHBA+Glc+Asn;0.756, 254.634, 1+ALB+AST+NEFA+Lys+Phe+Trp;0.756, 255.315, 1+ALB+BUN+T-BIL+Thr+Orn+Lys;0.756, 250.368, 1+ALB+ALT+3MeHis+Arg+Asp+Orn;0.756, 255.169, 1+ALB+BUN+NEFA+Orn+Lys+Tyr;0.756, 253.175, 1+ALB+BUN+ALT+T-BIL+His+Orn;0.756, 252.140, 1+ALB+ALT+T-BIL+His+Arg+Thr;0.756, 253.138, 1+ALB+ALT+NEFA+BHBA+His+Lys;0.756, 253.082, 1+ALB+AST+ALT+NEFA+3MeHis+Phe;0.756, 253.265, 1+ALB+AST+ALT+Glc+Lys+Ile;0.756, 255.037, 1+ALB+AST+NEFA+Arg+Thr+Lys;0.756, 255.910, 1+ALB+AST+His+Arg+Lys+Ile;0.756, 254.365, 1+ALB+BUN+Ca+AST+His+Lys;0.756, 251.998, 1+ALB+Ca+AST+ALT+Arg+Lys;0.756, 255.169, 1+ALB+BUN+BHBA+His+Lys+Ile;0.756, 255.371, 1+ALB+BUN+gGT+T-BIL+Orn+Lys;0.756, 255.371, 1+ALB+BUN+T-BIL+BHBA+Orn+Lys;0.756, 253.515, 1+ALB+BUN+ALT+gGT+Orn+Ile;0.756, 254.894, 1+ALB+BUN+gGT+NEFA+Arg+Lys;0.756, 250.447, 1+ALB+BUN+ALT+NEFA+Asp+Val;0.756, 252.654, 1+ALB+BUN+Arg+Asp+Val+Trp;0.756, 252.078, 1+ALB+AST+ALT+3MeHis+Orn+

Trp;0.756, 252.815, 1+ALB+AST+ALT+T-BIL+Orn+Lys;0.756, 253.261, 1+ALB+AST+ALT+Glc+His+Lys;0.756, 256.608, 1+ALB+AST+gGT+Orn+Lys+Ile;0.756, 254.945, 1+ALB+AST+NEFA+Arg+Lys+Val;0.756, 255.166, 1+ALB+BUN+NEFA+Arg+Tyr+Phe;0.756, 254.662, 1+ALB+BUN+Arg+Orn+Val+Trp;0.756, 252.225, 1+ALB+ALT+3MeHis+Lys+Tyr+Trp;0.756, 251.945, 1+ALB+ALT+NEFA+His+Arg+Thr;0.756, 252.139, 1+ALB+ALT+BHBA+His+Arg+Thr;0.756, 252.447, 1+ALB+AST+ALT+Arg+Thr+Orn;0.756, 254.402, 1+ALB+BUN+BHBA+His+Arg+Lys;0.756, 251.990, 1+ALB+AST+ALT+Arg+Thr+Lys;0.756, 255.295, 1+ALB+AST+Arg+Tyr+Val+Trp;0.756, 255.485, 1+ALB+AST+3MeHis+Lys+Val+Phe;0.756, 253.648, 1+ALB+AST+Asp+Orn+Val+Trp;0.756, 254.327, 1+ALB+AST+3MeHis+Lys+Tyr+Trp;0.756, 254.805, 1+ALB+AST+gGT+NEFA+His+Lys;0.756, 255.485, 1+ALB+BUN+Ca+gGT+His+Lys;0.756, 255.341, 1+ALB+BUN+T-BIL+BHBA+Thr+Lys;0.756, 255.370, 1+ALB+BUN+T-BIL+Glc+Orn+Lys;0.756, 253.503, 1+ALB+ALT+gGT+NEFA+Orn+Lys;0.756, 253.715, 1+ALB+BUN+ALT+gGT+Thr+Ile;0.756, 252.715, 1+ALB+ALT+gGT+His+Arg+Orn;0.756, 253.423, 1+ALB+AST+NEFA+Asp+Lys+Phe;0.756, 254.370, 1+ALB+BUN+AST+gGT+Arg+Lys;0.756, 254.654, 1+ALB+BUN+AST+BHBA+Glc+Lys;0.756, 256.326, 1+ALB+NEFA+BHBA+Arg+Lys+Ile;0.756, 250.988, 1+ALB+AST+ALT+Asp+Val+Trp;0.756, 253.123, 1+ALB+AST+ALT+gGT+His+Lys;0.756, 254.995, 1+ALB+AST+Arg+Orn+Phe+Trp;0.756, 254.421, 1+ALB+AST+NEFA+3MeHis+Orn+Trp;0.756, 255.457, 1+ALB+Ca+AST+NEFA+Lys+Ile;0.756, 254.731, 1+ALB+BUN+Ca+AST+Thr+Lys;0.756, 254.557, 1+ALB+BUN+Ca+His+Arg+Lys;0.756, 253.457, 1+ALB+AST+ALT+Glc+Arg+Ile;0.756, 255.137, 1+ALB+BUN+NEFA+T-BIL+Orn+Lys;0.756, 251.826, 1+ALB+AST+ALT+3MeHis+Arg+Orn;0.756, 252.737, 1+ALB+BUN+ALT+Orn+Tyr+Val;0.756, 255.070, 1+ALB+BUN+NEFA+BHBA+Thr+Lys;0.756, 252.516, 1+ALB+BUN+NEFA+Asp+Orn+Trp;0.756, 252.772, 1+ALB+ALT+Arg+Orn+Lys+Val;0.756, 253.303, 1+ALB+ALT+NEFA+Arg+Thr+Orn;0.756, 253.427, 1+ALB+ALT+NEFA+Arg+Orn+Ile;0.756, 253.430, 1+ALB+ALT+BHBA+Arg+Orn+Ile;0.756, 253.525, 1+ALB+BUN+ALT+NEFA+Orn+Ile;0.756, 252.988, 1+ALB+AST+ALT+NEFA+T-BIL+Arg;0.756, 253.140, 1+ALB+ALT+NEFA+T-BIL+His+Lys;0

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BA+Orn;0.755, 253.555, 1+ALB+BUN+ALT+T-BIL+Glc+Orn;0.755, 252.619, 1+ALB+ALT+NEFA+Arg+Orn+Lys;0.755, 252.721, 1+ALB+ALT+gGT+Arg+Thr+Lys;0.755, 253.298, 1+ALB+ALT+T-BIL+Arg+Thr+Orn;0.755, 254.405, 1+ALB+ALT+NEFA+Tyr+Val+Phe;0.755, 254.512, 1+ALB+ALT+T-BIL+Thr+Orn+Ile;0.755, 255.134, 1+ALB+BUN+NEFA+His+Thr+Orn;0.755, 254.253, 1+ALB+AST+3MeHis+Lys+Phe+Trp;0.755, 253.306, 1+ALB+Ca+ALT+NEFA+Lys+Ile;0.755, 255.274, 1+ALB+BUN+Ca+T-BIL+Orn+Lys;0.755, 253.256, 1+ALB+Ca+AST+ALT+T-BIL+Lys;0.755, 252.744, 1+ALB+AST+ALT+BHBA+Arg+Thr;0.755, 255.013, 1+ALB+BUN+NEFA+Orn+Val+Trp;0.755, 253.673, 1+ALB+AST+NEFA+3MeHis+Arg+Lys;0.755, 252.767, 1+ALB+ALT+BHBA+Arg+Orn+Lys;0.755, 253.708, 1+ALB+ALT+NEFA+BHBA+Thr+Lys;0.755, 253.640, 1+ALB+BUN+ALT+NEFA+BHBA+Thr;0.755, 255.488, 1+ALB+AST+Arg+Asp+Lys+Tyr;0.755, 254.946, 1+ALB+AST+NEFA+Arg+Lys+Phe;0.755, 255.199, 1+ALB+BUN+AST+Arg+Thr+Ile;0.755, 255.942, 1+ALB+AST+NEFA+T-BIL+Thr+Lys;0.755, 256.147, 1+ALB+AST+gGT+NEFA+His+Orn;0.755, 256.382, 1+ALB+AST+T-BIL+His+Lys+Ile;0.755, 254.588, 1+ALB+BUN+Ca+AST+Orn+Lys;0.755, 254.926, 1+ALB+BUN+Ca+AST+Glc+Lys;0.755, 252.650, 1+ALB+Ca+AST+ALT+Arg+Thr;0.755, 252.222, 1+ALB+AST+ALT+3MeHis+Arg+Tyr;0.755, 251.290, 1+ALB+AST+ALT+NEFA+Asp+Phe;0.755, 254.886, 1+ALB+BUN+NEFA+T-BIL+Arg+Lys;0.755, 252.271, 1+ALB+ALT+Arg+Asp+Orn+Tyr;0.755, 253.561, 1+ALB+BUN+ALT+NEFA+T-BIL+Orn;0.755, 250.774, 1+ALB+AST+ALT+Asp+Lys+Tyr;0.755, 252.804, 1+ALB+ALT+T-BIL+Glc+Arg+Lys;0.755, 253.151, 1+ALB+BUN+ALT+BHBA+His+Orn;0.755, 253.323, 1+ALB+ALT+BHBA+Arg+Thr+Orn;0.755, 253.692, 1+ALB+BUN+ALT+gGT+Glc+Thr;0.755, 250.131, 1+ALB+BUN+AST+ALT+Asp+Val;0.755, 253.545, 1+ALB+BUN+AST+NEFA+Arg+Phe;0.755, 254.483, 1+ALB+ALT+BHBA+Thr+Orn+Ile;0.755, 253.268, 1+ALB+AST+ALT+T-BIL+Glc+Lys;0.755, 253.371, 1+ALB+ALT+His+Thr+Orn+Ile;0.755, 253.685, 1+ALB+AST+3MeHis+Arg+Tyr+Trp;0.755, 255.751, 1+ALB+AST+Lys+Tyr+Phe+Trp;0.755, 253.237, 1+ALB+AST+ALT+BHBA+Thr+Lys;0.755, 255.497, 1+ALB+AST+T-BIL+His+Arg+Orn;0.755, 255.937, 1+ALB+AST+NEFA+Glc+Thr+Lys;0.755, 255.407, 1+ALB+BUN+gGT+T-B

IL+Glc+Lys;0.755, 253.285, 1+ALB+ALT+3MeHis+Orn+Val+Trp;0.755, 256.050, 1+ALB+BUN+gGT+BHBA+Thr+Lys;0.755, 256.301, 1+ALB+NEFA+3MeHis+Lys+Val+Phe;0.755, 253.469, 1+ALB+ALT+gGT+Arg+Orn+Ile;0.755, 253.090, 1+ALB+BUN+AST+3MeHis+Arg+Phe;0.755, 253.658, 1+ALB+ALT+NEFA+Glc+Thr+Lys;0.755, 253.670, 1+ALB+BUN+ALT+NEFA+Thr+Ile;0.755, 253.691, 1+ALB+ALT+gGT+T-BIL+Lys+Ile;0.755, 252.025, 1+ALB+AST+ALT+gGT+Arg+Lys;0.755, 254.392, 1+ALB+AST+NEFA+Asp+Orn+Phe;0.755, 255.448, 1+ALB+AST+NEFA+Arg+Orn+Phe;0.755, 256.484, 1+ALB+AST+NEFA+BHBA+His+Orn;0.755, 252.657, 1+ALB+Ca+ALT+His+Orn+Lys;0.755, 255.019, 1+ALB+Ca+AST+NEFA+Arg+Lys;0.755, 255.076, 1+ALB+BUN+Ca+NEFA+BHBA+Lys;0.755, 256.495, 1+ALB+BUN+Orn+Tyr+Val+Phe;0.755, 251.186, 1+ALB+AST+ALT+NEFA+Asp+Trp;0.755, 252.979, 1+ALB+3MeHis+Arg+Asp+Lys+Val;0.755, 253.140, 1+ALB+AST+ALT+NEFA+Arg+Tyr;0.755, 253.475, 1+ALB+ALT+Glc+Arg+Orn+Ile;0.755, 250.932, 1+ALB+ALT+3MeHis+Asp+Val+Trp;0.755, 252.718, 1+ALB+ALT+Glc+Arg+Thr+Lys;0.755, 252.723, 1+ALB+ALT+T-BIL+Arg+Thr+Lys;0.755, 253.407, 1+ALB+ALT+NEFA+BHBA+Arg+Thr;0.755, 252.860, 1+ALB+AST+ALT+Orn+Lys+Tyr;0.755, 255.070, 1+ALB+BUN+Ca+BHBA+His+Lys;0.755, 252.859, 1+ALB+Ca+AST+ALT+NEFA+Lys;0.755, 253.543, 1+ALB+AST+ALT+BHBA+Glc+Arg;0.755, 256.303, 1+ALB+BUN+gGT+Glc+Orn+Lys;0.755, 253.920, 1+ALB+BUN+NEFA+3MeHis+Arg+Trp;0.755, 255.949, 1+ALB+BUN+Arg+Thr+Orn+Lys;0.755, 256.179, 1+ALB+NEFA+His+Orn+Lys+Ile;0.755, 252.706, 1+ALB+ALT+Arg+Thr+Orn+Lys;0.755, 252.803, 1+ALB+ALT+gGT+T-BIL+Arg+Lys;0.755, 253.082, 1+ALB+AST+ALT+gGT+Lys+Ile;0.755, 261.524, 1+BUN+ALT+His+Asn+Thr+Orn;0.755, 252.714, 1+ALB+ALT+NEFA+3MeHis+Arg+Orn;0.755, 256.306, 1+ALB+BUN+gGT+Glc+Lys+Ile;0.755, 252.733, 1+ALB+ALT+3MeHis+Arg+Orn+Tyr;0.755, 256.048, 1+ALB+BUN+BHBA+Glc+Lys+Ile;0.755, 252.617, 1+ALB+ALT+NEFA+BHBA+Arg+Lys;0.755, 253.233, 1+ALB+AST+ALT+Glc+His+Arg;0.755, 253.676, 1+ALB+ALT+T-BIL+Glc+Orn+Lys;0.755, 251.492, 1+ALB+BUN+AST+3MeHis+Asp+Orn;0.755, 251.817, 1+ALB+BUN+AST+NEFA+Asp+Phe;0.755, 253.466, 1+ALB+ALT+BHBA+His+Lys+Ile;0.755, 253.479, 1+ALB+ALT+B

HBA+Glc+His+Lys;0.755, 253.571, 1+ALB+ALT+NEFA+T-BIL+Thr+Lys;0.755, 253.682, 1+ALB+BUN+ALT+gGT+T-BIL+Thr;0.755, 253.690, 1+ALB+ALT+T-BIL+Glc+Lys+Ile;0.755, 252.821, 1+ALB+AST+ALT+gGT+Arg+Orn;0.755, 252.824, 1+ALB+AST+ALT+Arg+Orn+Val;0.755, 253.526, 1+ALB+BUN+ALT+gGT+His+Thr;0.755, 252.771, 1+ALB+ALT+NEFA+His+Thr+Lys;0.755, 255.765, 1+ALB+AST+Lys+Tyr+Val+Trp;0.755, 255.980, 1+ALB+AST+NEFA+BHBA+Thr+Lys;0.755, 254.652, 1+ALB+AST+NEFA+Arg+Asp+Orn;0.755, 253.327, 1+ALB+Ca+AST+ALT+BHBA+Arg;0.755, 252.180, 1+ALB+AST+ALT+NEFA+3MeHis+Arg;0.755, 252.739, 1+ALB+AST+ALT+Glc+Arg+Thr;0.755, 252.730, 1+ALB+ALT+3MeHis+Arg+Orn+Val;0.755, 254.704, 1+ALB+BUN+NEFA+Arg+Tyr+Trp;0.755, 253.532, 1+ALB+BUN+ALT+BHBA+Glc+Orn;0.755, 253.539, 1+ALB+BUN+ALT+BHBA+Glc+Thr;0.755, 252.717, 1+ALB+ALT+BHBA+Arg+Thr+Lys;0.755, 252.752, 1+ALB+BUN+NEFA+Asp+Val+Trp;0.755, 253.614, 1+ALB+ALT+NEFA+T-BIL+BHBA+Lys;0.755, 256.317, 1+ALB+NEFA+Glc+His+Orn+Lys;0.755, 253.468, 1+ALB+ALT+T-BIL+BHBA+His+Lys;0.755, 252.827, 1+ALB+AST+ALT+NEFA+Lys+Tyr;0.755, 254.096, 1+ALB+AST+ALT+T-BIL+His+Orn;0.755, 256.069, 1+ALB+AST+NEFA+Glc+Arg+Orn;0.755, 252.852, 1+ALB+BUN+AST+Asp+Orn+Phe;0.755, 253.535, 1+ALB+ALT+Orn+Tyr+Val+Trp;0.755, 253.589, 1+ALB+ALT+Glc+Thr+Orn+Lys;0.755, 253.628, 1+ALB+ALT+Glc+His+Lys+Ile;0.755, 253.631, 1+ALB+BUN+ALT+NEFA+Glc+Thr;0.755, 250.700, 1+ALB+AST+ALT+3MeHis+Asp+Orn;0.755, 256.357, 1+ALB+AST+gGT+Arg+Lys+Ile;0.755, 253.600, 1+ALB+AST+3MeHis+Arg+Orn+Trp;0.755, 254.909, 1+ALB+BUN+AST+NEFA+Thr+Orn;0.755, 255.011, 1+ALB+BUN+AST+T-BIL+Arg+Orn;0.755, 253.569, 1+ALB+Ca+ALT+Thr+Orn+Lys;0.755, 253.321, 1+ALB+BUN+Ca+ALT+BHBA+Orn;0.755, 254.086, 1+ALB+ALT+NEFA+Glc+Arg+Ile;0.755, 253.775, 1+ALB+AST+ALT+NEFA+Tyr+Phe;0.755, 253.014, 1+ALB+BUN+ALT+3MeHis+Orn+Val;0.755, 253.241, 1+ALB+AST+ALT+BHBA+His+Arg;0.755, 253.463, 1+ALB+ALT+T-BIL+Arg+Orn+Ile;0.755, 253.487, 1+ALB+ALT+NEFA+Orn+Lys+Tyr;0.755, 252.745, 1+ALB+BUN+NEFA+Asp+Tyr+Trp;0.755, 253.319, 1+ALB+ALT+Glc+Arg+Thr+Orn;0.755, 253.395, 1+ALB+BUN+ALT+BHBA+His+Thr;0.755, 254.718, 1+ALB+A

ST+NEFA+Arg+Val+Trp;0.755, 256.499, 1+ALB+AST+NEFA+Glc+His+Orn;0.755, 257.693, 1+ALB+AST+Glc+Thr+Orn+Ile;0.755, 254.461, 1+ALB+BUN+AST+His+Thr+Orn;0.755, 255.257, 1+ALB+Ca+AST+NEFA+His+Lys;0.755, 256.167, 1+ALB+BUN+gGT+Thr+Orn+Lys;0.755, 252.737, 1+ALB+AST+ALT+T-BIL+Arg+Thr;0.755, 254.211, 1+ALB+BUN+NEFA+3MeHis+Arg+Phe;0.755, 255.954, 1+ALB+BUN+BHBA+Thr+Orn+Lys;0.755, 253.163, 1+ALB+ALT+NEFA+3MeHis+Orn+Trp;0.755, 253.187, 1+ALB+NEFA+3MeHis+Arg+Asp+Lys;0.755, 255.972, 1+ALB+BUN+Glc+Arg+Thr+Lys;0.755, 253.520, 1+ALB+ALT+NEFA+Orn+Tyr+Trp;0.755, 253.757, 1+ALB+ALT+gGT+NEFA+Glc+Lys;0.755, 252.807, 1+ALB+ALT+gGT+Glc+Arg+Lys;0.755, 253.412, 1+ALB+BUN+ALT+His+Thr+Ile;0.755, 253.504, 1+ALB+ALT+gGT+BHBA+His+Lys;0.755, 253.689, 1+ALB+ALT+gGT+NEFA+Thr+Lys;0.755, 253.497, 1+ALB+ALT+gGT+T-BIL+His+Lys;0.755, 253.685, 1+ALB+BUN+ALT+NEFA+T-BIL+Thr;0.755, 254.534, 1+ALB+AST+3MeHis+Orn+Tyr+Trp;0.755, 254.832, 1+ALB+BUN+His+Arg+Thr+Orn;0.755, 256.148, 1+ALB+BUN+AST+gGT+His+Orn;0.755, 257.774, 1+ALB+AST+BHBA+Thr+Orn+Ile;0.755, 257.390, 1+ALB+AST+Glc+Arg+Orn+Ile;0.755, 255.843, 1+ALB+AST+T-BIL+His+Thr+Orn;0.755, 252.767, 1+ALB+BUN+Ca+AST+ALT+Orn;0.755, 253.913, 1+ALB+Ca+ALT+BHBA+Arg+Ile;0.755, 253.472, 1+ALB+Ca+ALT+NEFA+Orn+Lys;0.754, 252.736, 1+ALB+3MeHis+Arg+Asp+Lys+Trp;0.754, 253.143, 1+ALB+AST+ALT+T-BIL+His+Arg;0.754, 253.342, 1+ALB+3MeHis+Arg+Asp+Lys+Phe;0.754, 254.924, 1+ALB+BUN+Arg+Tyr+Val+Trp;0.754, 256.289, 1+ALB+AST+T-BIL+Glc+Arg+Lys;0.754, 249.980, 1+ALB+AST+ALT+3MeHis+Asp+Trp;0.754, 252.789, 1+ALB+ALT+T-BIL+BHBA+Arg+Lys;0.754, 253.424, 1+ALB+BUN+ALT+T-BIL+His+Thr;0.754, 253.941, 1+ALB+ALT+T-BIL+BHBA+Thr+Lys;0.754, 252.764, 1+ALB+AST+ALT+gGT+Orn+Lys;0.754, 256.913, 1+ALB+AST+Arg+Orn+Lys+Tyr;0.754, 252.583, 1+ALB+AST+ALT+gGT+NEFA+Lys;0.754, 256.739, 1+ALB+AST+NEFA+BHBA+Thr+Orn;0.754, 253.113, 1+ALB+AST+ALT+gGT+T-BIL+Lys;0.754, 256.361, 1+ALB+Ca+AST+NEFA+His+Orn;0.754, 256.067, 1+ALB+BUN+BHBA+Glc+Orn+Lys;0.754, 252.195, 1+ALB+ALT+Asp+Tyr+Val+Phe;0.754, 253.437, 1

+ALB+BUN+ALT+BHBA+Orn+Ile;0.754, 252.209, 1+ALB+BUN+AST+ALT+Orn+Tyr;0.754, 253.448, 1+ALB+ALT+gGT+NEFA+Arg+Thr;0.754, 254.388, 1+ALB+AST+3MeHis+Arg+Lys+Phe;0.754, 254.618, 1+ALB+AST+NEFA+His+Arg+Orn;0.754, 254.997, 1+ALB+AST+NEFA+His+Thr+Lys;0.754, 253.908, 1+ALB+Ca+ALT+gGT+Arg+Ile;0.754, 253.651, 1+ALB+BUN+Ca+ALT+Thr+Ile;0.754, 253.325, 1+ALB+Ca+AST+ALT+Glc+Arg;0.754, 257.162, 1+ALB+Ca+AST+Arg+Orn+Ile;0.754, 253.285, 1+ALB+AST+ALT+His+Arg+Ile;0.754, 255.192, 1+ALB+BUN+T-BIL+BHBA+Arg+Lys;0.754, 256.208, 1+ALB+BUN+Orn+Lys+Tyr+Val;0.754, 253.688, 1+ALB+ALT+gGT+Glc+Orn+Lys;0.754, 253.764, 1+ALB+ALT+NEFA+BHBA+Glc+Lys;0.754, 253.767, 1+ALB+ALT+gGT+NEFA+BHBA+Lys;0.754, 253.805, 1+ALB+AST+3MeHis+Arg+Phe+Trp;0.754, 253.934, 1+ALB+ALT+gGT+BHBA+Thr+Lys;0.754, 254.061, 1+ALB+BUN+AST+3MeHis+Arg+Orn;0.754, 254.484, 1+ALB+AST+NEFA+3MeHis+Lys+Phe;0.754, 254.608, 1+ALB+AST+NEFA+Arg+Phe+Trp;0.754, 253.538, 1+ALB+Ca+ALT+gGT+Arg+Orn;0.754, 253.678, 1+ALB+BUN+Ca+ALT+gGT+Thr;0.754, 253.625, 1+ALB+Ca+ALT+gGT+Orn+Lys;0.754, 256.945, 1+ALB+Ca+AST+T-BIL+His+Orn;0.754, 253.503, 1+ALB+AST+ALT+gGT+T-BIL+Arg;0.754, 253.516, 1+ALB+AST+ALT+T-BIL+BHBA+Arg;0.754, 253.560, 1+ALB+AST+ALT+gGT+BHBA+Arg;0.754, 256.035, 1+ALB+BUN+BHBA+Glc+Thr+Lys;0.754, 256.067, 1+ALB+BUN+gGT+BHBA+Orn+Lys;0.754, 256.089, 1+ALB+BUN+Arg+Orn+Lys+Val;0.754, 253.656, 1+ALB+ALT+gGT+BHBA+Orn+Lys;0.754, 253.679, 1+ALB+ALT+gGT+T-BIL+Orn+Lys;0.754, 252.479, 1+ALB+BUN+NEFA+Arg+Asp+Trp;0.754, 253.440, 1+ALB+BUN+ALT+NEFA+His+Thr;0.754, 253.531, 1+ALB+ALT+BHBA+Glc+Arg+Thr;0.754, 253.865, 1+ALB+ALT+BHBA+Glc+Thr+Lys;0.754, 257.186, 1+ALB+AST+Orn+Lys+Val+Phe;0.754, 253.494, 1+ALB+ALT+gGT+T-BIL+Arg+Thr;0.754, 251.894, 1+ALB+AST+3MeHis+Asp+Phe+Trp;0.754, 253.408, 1+ALB+AST+ALT+gGT+Glc+Lys;0.754, 255.191, 1+ALB+BUN+AST+NEFA+His+Orn;0.754, 255.975, 1+ALB+AST+NEFA+BHBA+Arg+Orn;0.754, 256.066, 1+ALB+AST+NEFA+Arg+Orn+Val;0.754, 252.536, 1+ALB+Ca+ALT+NEFA+Arg+Lys;0.754, 253.625, 1+ALB+Ca+ALT+T-BIL+Orn+Lys;0.754, 255.314, 1+ALB+BUN+Ca+T-BIL+BHBA+Lys;0.754, 253.998, 1+ALB+

Ca+AST+ALT+His+Orn;0.754, 258.839, 1+ALB+NEFA+Orn+Tyr+Val+Phe;0.754, 255.192, 1+ALB+BUN+T-BIL+Glc+Arg+Lys;0.754, 253.668, 1+ALB+ALT+T-BIL+BHBA+Orn+Lys;0.754, 256.064, 1+ALB+BUN+Glc+Arg+Orn+Lys;0.754, 252.406, 1+ALB+ALT+NEFA+T-BIL+Arg+Lys;0.754, 252.788, 1+ALB+ALT+BHBA+Glc+Arg+Lys;0.754, 252.789, 1+ALB+ALT+gGT+BHBA+Arg+Lys;0.754, 253.518, 1+ALB+ALT+T-BIL+Glc+Arg+Thr;0.754, 253.611, 1+ALB+BUN+ALT+T-BIL+Glc+Thr;0.754, 255.751, 1+ALB+AST+Lys+Val+Phe+Trp;0.754, 253.695, 1+ALB+AST+ALT+NEFA+Thr+Orn;0.754, 256.909, 1+ALB+AST+gGT+T-BIL+His+Orn;0.754, 255.995, 1+ALB+Ca+AST+NEFA+BHBA+Lys;0.754, 255.257, 1+ALB+BUN+Ca+T-BIL+Thr+Lys;0.754, 253.497, 1+ALB+AST+ALT+T-BIL+Glc+Arg;0.754, 257.210, 1+ALB+NEFA+Orn+Tyr+Phe+Trp;0.754, 252.731, 1+ALB+AST+ALT+gGT+Arg+Thr;0.754, 255.192, 1+ALB+BUN+T-BIL+Arg+Orn+Lys;0.754, 253.678, 1+ALB+ALT+NEFA+BHBA+Arg+Orn;0.754, 253.967, 1+ALB+ALT+gGT+T-BIL+Thr+Lys;0.754, 252.910, 1+ALB+AST+ALT+NEFA+Arg+Val;0.754, 253.528, 1+ALB+ALT+T-BIL+BHBA+Arg+Thr;0.754, 253.241, 1+ALB+ALT+gGT+His+Thr+Lys;0.754, 254.611, 1+ALB+BUN+AST+3MeHis+Val+Phe;0.754, 255.388, 1+ALB+AST+Arg+Asp+Orn+Lys;0.754, 254.936, 1+ALB+BUN+AST+His+Arg+Orn;0.754, 252.698, 1+ALB+Ca+ALT+gGT+Arg+Lys;0.754, 253.506, 1+ALB+Ca+ALT+NEFA+Arg+Orn;0.754, 256.436, 1+ALB+BUN+Arg+Orn+Val+Phe;0.754, 255.311, 1+ALB+AST+3MeHis+Orn+Lys+Tyr;0.754, 254.616, 1+ALB+BUN+NEFA+Arg+Orn+Trp;0.754, 252.831, 1+ALB+BUN+Asp+Tyr+Val+Trp;0.754, 257.084, 1+ALB+T-BIL+His+Orn+Lys+Ile;0.754, 253.835, 1+ALB+ALT+gGT+Glc+Lys+Ile;0.754, 253.422, 1+ALB+AST+ALT+3MeHis+Val+Phe;0.754, 254.810, 1+ALB+AST+3MeHis+Arg+Orn+Phe;0.754, 257.222, 1+ALB+AST+Orn+Lys+Tyr+Phe;0.754, 253.160, 1+ALB+ALT+Glc+His+Thr+Lys;0.754, 255.839, 1+ALB+BUN+AST+NEFA+Glc+Orn;0.754, 253.714, 1+ALB+AST+NEFA+3MeHis+Arg+Trp;0.754, 252.697, 1+ALB+Ca+ALT+T-BIL+Arg+Lys;0.754, 255.971, 1+ALB+Ca+AST+NEFA+T-BIL+Lys;0.754, 256.221, 1+ALB+BUN+Ca+Glc+Thr+Lys;0.754, 252.317, 1+ALB+BUN+ALT+3MeHis+Orn+Tyr;0.754, 253.539, 1+ALB+AST+ALT+gGT+Glc+Arg;0.754, 255.315, 1+ALB+BUN+NEFA+Arg+Orn+Phe;0.754, 252.075, 1

+ALB+ALT+Arg+Asp+Orn+Val;0.754,254.006,1+ALB+ALT+NEFA+BHBA+Arg+Ile;0.754,253.660,1+ALB+BUN+ALT+T-BIL+Thr+Ile;0.754,254.562,1+ALB+ALT+gGT+Thr+Orn+Ile;0.754,251.443,1+ALB+AST+ALT+Arg+Asp+Val;0.754,255.072,1+ALB+AST+Arg+Lys+Phe+Trp;0.754,256.435,1+ALB+AST+NEFA+His+Orn+Ile;0.754,256.480,1+ALB+AST+T-BIL+Glc+Orn+Lys;0.754,255.256,1+ALB+AST+NEFA+Asp+Orn+Val;0.754,256.465,1+ALB+AST+T-BIL+BHBA+His+Lys;0.754,253.525,1+ALB+Ca+ALT+T-BIL+Arg+Orn;0.754,255.314,1+ALB+BUN+Ca+gGT+T-BIL+Lys;0.754,253.278,1+ALB+Ca+AST+ALT+T-BIL+Arg;0.754,255.967,1+ALB+Ca+AST+NEFA+Arg+Orn;0.754,253.503,1+ALB+Ca+AST+ALT+Glc+Lys;0.754,256.061,1+ALB+BUN+Ca+Thr+Orn+Lys;0.754,256.364,1+ALB+BUN+Arg+Orn+Tyr+Phe;0.754,255.918,1+ALB+3MeHis+Orn+Val+Phe+Trp;0.754,253.344,1+ALB+3MeHis+Arg+Asp+Orn+Lys;0.754,256.085,1+ALB+BUN+Arg+Orn+Lys+Tyr;0.754,252.807,1+ALB+NEFA+3MeHis+Asp+Lys+Trp;0.754,253.534,1+ALB+BUN+ALT+NEFA+BHBA+Orn;0.754,253.108,1+ALB+ALT+BHBA+His+Thr+Lys;0.754,253.495,1+ALB+ALT+gGT+Glc+Arg+Thr;0.754,257.368,1+ALB+AST+NEFA+Glc+Orn+Ile;0.754,253.599,1+ALB+BUN+Ca+ALT+BHBA+Thr;0.754,253.222,1+ALB+Ca+ALT+Arg+Thr+Orn;0.754,253.565,1+ALB+Ca+ALT+His+Lys+Ile;0.754,253.343,1+ALB+Ca+AST+ALT+Thr+Lys;0.754,255.952,1+ALB+BUN+Ca+BHBA+Lys+Ile;0.754,252.156,1+ALB+AST+ALT+3MeHis+Arg+Val;0.754,256.323,1+ALB+BUN+gGT+Glc+Thr+Lys;0.754,255.189,1+ALB+BUN+gGT+T-BIL+Arg+Lys;0.754,253.471,1+ALB+ALT+NEFA+T-BIL+Arg+Orn;0.754,253.533,1+ALB+BUN+ALT+T-BIL+BHBA+Orn;0.754,253.719,1+ALB+ALT+NEFA+Glc+Arg+Orn;0.754,256.895,1+ALB+His+Arg+Orn+Lys+Ile;0.754,256.312,1+ALB+BUN+AST+Glc+His+Orn;0.754,253.943,1+ALB+Ca+ALT+T-BIL+Arg+Ile;0.754,252.694,1+ALB+Ca+ALT+Glc+Arg+Lys;0.754,253.614,1+ALB+Ca+ALT+BHBA+Orn+Lys;0.754,253.678,1+ALB+Ca+ALT+NEFA+Thr+Lys;0.754,253.462,1+ALB+Ca+ALT+T-BIL+His+Lys;0.754,252.959,1+ALB+Ca+AST+ALT+His+Arg;0.754,256.372,1+ALB+3MeHis+Arg+Orn+Lys+Val;0.754,256.015,1+ALB+NEFA+3MeHis+Lys+Val+Trp;0.754,256.419,1+ALB+NEFA+Arg+Lys+Tyr+Trp;0.754,253.440,1+ALB+BUN+

ALT+Glc+His+Thr;0.754, 254.547, 1+ALB+ALT+NEFA+Thr+Orn+Ile;0.754, 253.506, 1+ALB+ALT+gGT+BHBA+Arg+Thr;0.754, 255.342, 1+ALB+NEFA+His+Arg+Lys+Ile;0.754, 255.487, 1+ALB+AST+Asp+Orn+Lys+Phe;0.754, 255.719, 1+ALB+AST+3MeHis+Lys+Tyr+Phe;0.754, 255.339, 1+ALB+AST+NEFA+Asp+Orn+Tyr;0.754, 255.963, 1+ALB+AST+NEFA+T-BIL+Arg+Orn;0.754, 256.519, 1+ALB+AST+T-BIL+Thr+Orn+Lys;0.754, 256.372, 1+ALB+AST+T-BIL+Glc+His+Lys;0.754, 253.943, 1+ALB+Ca+ALT+Glc+Arg+Ile;0.754, 252.693, 1+ALB+Ca+ALT+BHBA+Arg+Lys;0.754, 253.521, 1+ALB+Ca+ALT+BHBA+Arg+Orn;0.754, 253.341, 1+ALB+Ca+AST+ALT+BHBA+Lys;0.754, 257.276, 1+ALB+Ca+AST+NEFA+Orn+Ile;0.754, 256.396, 1+ALB+BUN+Ca+gGT+Glc+Lys;0.754, 255.308, 1+ALB+BUN+Ca+T-BIL+Glc+Lys;0.754, 253.125, 1+ALB+Ca+ALT+NEFA+His+Lys;0.754, 257.505, 1+ALB+Orn+Lys+Tyr+Phe+Trp;0.754, 256.391, 1+ALB+3MeHis+Lys+Tyr+Phe+Trp;0.754, 252.848, 1+ALB+3MeHis+Asp+Orn+Lys+Trp;0.754, 254.775, 1+ALB+BUN+NEFA+Arg+Val+Trp;0.754, 255.770, 1+ALB+BUN+BHBA+Arg+Thr+Lys;0.754, 253.582, 1+ALB+ALT+Orn+Lys+Tyr+Val;0.754, 256.305, 1+ALB+AST+T-BIL+Arg+Thr+Lys;0.754, 253.440, 1+ALB+ALT+NEFA+Glc+Arg+Thr;0.754, 253.609, 1+ALB+ALT+gGT+His+Lys+Ile;0.754, 256.749, 1+ALB+gGT+NEFA+Arg+Lys+Ile;0.754, 255.214, 1+ALB+BUN+AST+Arg+Thr+Orn;0.754, 254.202, 1+ALB+AST+ALT+Glc+His+Orn;0.754, 254.504, 1+ALB+BUN+AST+NEFA+Val+Phe;0.754, 257.313, 1+ALB+AST+NEFA+BHBA+Orn+Ile;0.754, 255.479, 1+ALB+BUN+AST+gGT+NEFA+Orn;0.754, 256.366, 1+ALB+AST+His+Arg+Orn+Ile;0.754, 253.756, 1+ALB+Ca+ALT+NEFA+BHBA+Lys;0.754, 253.657, 1+ALB+Ca+ALT+T-BIL+Lys+Ile;0.754, 253.282, 1+ALB+Ca+ALT+NEFA+His+Arg;0.754, 256.176, 1+ALB+BUN+Ca+gGT+Lys+Ile;0.754, 251.231, 1+ALB+AST+ALT+Asp+Tyr+Trp;0.754, 253.247, 1+ALB+ALT+3MeHis+Orn+Tyr+Trp;0.754, 256.708, 1+ALB+NEFA+Glc+Arg+Lys+Ile;0.754, 253.748, 1+ALB+ALT+gGT+BHBA+Lys+Ile;0.754, 253.750, 1+ALB+ALT+BHBA+Glc+Lys+Ile;0.754, 253.926, 1+ALB+AST+ALT+NEFA+3MeHis+Orn;0.754, 253.179, 1+ALB+AST+ALT+gGT+BHBA+Lys;0.754, 253.218, 1+ALB+BUN+AST+ALT+T-BIL+Thr;0.754, 254.595, 1+ALB+BUN+AST+3MeHis+Tyr+Phe;0.754, 257.079, 1+ALB+AST+T-BIL+

Glc+His+Orn;0.754, 257.324, 1+ALB+AST+BHBA+Glc+Orn+Lys;0.754, 257.960, 1+ALB+AST+T-BIL+BHBA+Orn+Ile;0.754, 253.914, 1+ALB+Ca+ALT+BHBA+Thr+Lys;0.754, 257.719, 1+ALB+Ca+AST+Thr+Orn+Ile;0.754, 253.937, 1+ALB+Ca+ALT+T-BIL+Thr+Lys;0.754, 253.495, 1+ALB+Ca+ALT+BHBA+His+Lys;0.754, 252.938, 1+ALB+ALT+3MeHis+Arg+Tyr+Val;0.754, 254.714, 1+ALB+BUN+Arg+Asp+Orn+Phe;0.754, 258.060, 1+ALB+NEFA+Arg+Orn+Tyr+Phe;0.754, 253.704, 1+ALB+ALT+NEFA+T-BIL+Glc+Lys;0.754, 253.762, 1+ALB+ALT+BHBA+Glc+Arg+Orn;0.754, 250.953, 1+ALB+BUN+ALT+NEFA+Asp+Tyr;0.754, 253.709, 1+ALB+ALT+gGT+NEFA+Arg+Orn;0.754, 253.743, 1+ALB+AST+ALT+NEFA+Val+Phe;0.754, 253.298, 1+ALB+BUN+AST+ALT+gGT+Thr;0.754, 257.418, 1+ALB+AST+Orn+Lys+Tyr+Val;0.754, 252.630, 1+ALB+AST+3MeHis+Asp+Orn+Phe;0.754, 254.901, 1+ALB+AST+NEFA+3MeHis+Orn+Phe;0.754, 255.476, 1+ALB+AST+Asp+Orn+Lys+Tyr;0.754, 255.799, 1+ALB+BUN+AST+NEFA+T-BIL+Orn;0.754, 256.812, 1+ALB+Ca+AST+T-BIL+Lys+Ile;0.754, 252.639, 1+ALB+Ca+ALT+Arg+Thr+Lys;0.754, 253.914, 1+ALB+Ca+ALT+gGT+NEFA+Arg;0.754, 253.857, 1+ALB+Ca+ALT+NEFA+BHBA+Arg;0.754, 254.496, 1+ALB+Ca+ALT+Thr+Orn+Ile;0.754, 257.747, 1+ALB+Ca+AST+BHBA+His+Orn;0.754, 255.844, 1+ALB+BUN+Ca+Arg+Thr+Lys;0.754, 254.484, 1+ALB+BUN+3MeHis+Arg+Tyr+Phe;0.754, 256.081, 1+ALB+BUN+gGT+Arg+Orn+Lys;0.754, 253.632, 1+ALB+ALT+NEFA+Arg+Orn+Val;0.754, 256.250, 1+ALB+AST+T-BIL+BHBA+Arg+Lys;0.754, 255.881, 1+ALB+BUN+AST+Arg+Orn+Ile;0.754, 253.223, 1+ALB+BUN+AST+ALT+NEFA+Thr;0.754, 257.285, 1+ALB+AST+BHBA+Thr+Orn+Lys;0.754, 257.422, 1+ALB+AST+BHBA+Arg+Orn+Ile;0.754, 253.704, 1+ALB+AST+NEFA+Asp+Phe+Trp;0.754, 255.512, 1+ALB+AST+gGT+NEFA+T-BIL+Lys;0.754, 256.714, 1+ALB+AST+NEFA+T-BIL+Thr+Orn;0.753, 254.039, 1+ALB+Ca+ALT+gGT+T-BIL+Arg;0.753, 253.541, 1+ALB+Ca+ALT+Glc+Arg+Orn;0.753, 255.974, 1+ALB+Ca+AST+NEFA+Glc+Lys;0.753, 256.176, 1+ALB+BUN+Ca+Glc+Orn+Lys;0.753, 254.707, 1+ALB+BUN+Asp+Orn+Val+Phe;0.753, 256.762, 1+ALB+NEFA+3MeHis+Lys+Tyr+Phe;0.753, 255.957, 1+ALB+BUN+gGT+Arg+Thr+Lys;0.753, 252.505, 1+ALB+ALT+NEFA+Arg+Asp

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+gGT+NEFA+T-BIL+Lys;0.753,253.717,1+ALB+ALT+NEFA+Arg+Orn+Tyr;0.753,25
3.859,1+ALB+ALT+NEFA+T-BIL+Glc+Arg;0.753,256.012,1+ALB+NEFA+His+Thr+O
rn+Lys;0.753,251.908,1+ALB+ALT+Asp+Tyr+Val+Trp;0.753,253.924,1+ALB+AL
T+T-BIL+Glc+Thr+Lys;0.753,254.167,1+ALB+AST+ALT+BHBA+His+Orn;0.753,25
6.372,1+ALB+AST+His+Thr+Orn+Ile;0.753,257.350,1+ALB+AST+NEFA+T-BIL+Gl
c+Orn;0.753,255.923,1+ALB+BUN+Ca+Arg+Orn+Lys;0.753,262.932,1+BUN+AST+
His+Asn+Thr+Orn;0.753,256.461,1+ALB+BUN+NEFA+Tyr+Val+Phe;0.753,257.44
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;0.753,256.376,1+ALB+NEFA+3MeHis+Lys+Tyr+Trp;0.753,252.029,1+ALB+ALT+
Arg+Asp+Tyr+Val;0.753,256.681,1+ALB+NEFA+Arg+Orn+Lys+Ile;0.753,254.37
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T-BIL+Thr+Orn;0.753,255.953,1+ALB+Ca+AST+NEFA+Thr+Lys;0.753,258.676,1
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+Lys;0.753,253.631,1+ALB+BUN+Ca+ALT+NEFA+Thr;0.753,253.666,1+ALB+Ca+A
LT+Glc+His+Lys;0.753,256.177,1+ALB+BUN+Ca+gGT+Orn+Lys;0.753,254.063,1
+ALB+ALT+gGT+NEFA+Arg+Ile;0.753,255.709,1+ALB+3MeHis+Orn+Lys+Val+Trp;
0.753,257.118,1+ALB+NEFA+Asp+Orn+Tyr+Phe;0.753,253.431,1+ALB+3MeHis+A
sp+Orn+Lys+Tyr;0.753,253.756,1+ALB+ALT+T-BIL+Glc+Arg+Orn;0.753,256.29
1,1+ALB+3MeHis+Arg+Lys+Tyr+Phe;0.753,251.057,1+ALB+ALT+3MeHis+Asp+Tyr
+Trp;0.753,253.980,1+ALB+ALT+gGT+Glc+Thr+Lys;0.753,251.914,1+ALB+AST+
ALT+Arg+Asp+Tyr;0.753,256.943,1+ALB+AST+Glc+Arg+Orn+Lys;0.753,255.238
,1+ALB+BUN+AST+T-BIL+His+Orn;0.753,255.848,1+ALB+BUN+AST+NEFA+BHBA+Or
n;0.753,256.730,1+ALB+AST+NEFA+Glc+Thr+Orn;0.753,257.341,1+ALB+AST+NE
FA+T-BIL+Orn+Ile;0.753,256.468,1+ALB+AST+T-BIL+BHBA+Orn+Lys;0.753,253
.362,1+ALB+Ca+AST+ALT+gGT+Lys;0.753,255.968,1+ALB+BUN+Ca+BHBA+Thr+Lys

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53. 580, 1+ALB+ALT+NEFA+BHBA+His+Arg;0.753, 253.256, 1+ALB+NEFA+3MeHis+Asp+Lys+Phe;0.753, 256.303, 1+ALB+3MeHis+Lys+Tyr+Val+Trp;0.753, 253.289, 1+ALB+AST+ALT+gGT+His+Arg;0.753, 253.756, 1+ALB+ALT+gGT+BHBA+Arg+Orn;0.753, 254.063, 1+ALB+ALT+gGT+T-BIL+Glc+Lys;0.753, 253.724, 1+ALB+ALT+gGT+Glc+His+Lys;0.753, 253.799, 1+ALB+ALT+NEFA+T-BIL+Arg+Ile;0.753, 254.076, 1+ALB+BUN+AST+Arg+Asp+Orn;0.753, 256.790, 1+ALB+NEFA+His+Thr+Lys+Ile;0.753, 257.119, 1+ALB+T-BIL+Glc+His+Orn+Lys;0.753, 253.351, 1+ALB+BUN+AST+ALT+Thr+Ile;0.753, 253.526, 1+ALB+BUN+AST+3MeHis+Tyr+Trp;0.753, 253.980, 1+ALB+AST+Arg+Asp+Phe+Trp;0.753, 255.549, 1+ALB+AST+gGT+NEFA+Thr+Lys;0.753, 256.493, 1+ALB+Ca+AST+T-BIL+Orn+Lys;0.753, 253.973, 1+ALB+Ca+ALT+gGT+Thr+Lys;0.753, 253.624, 1+ALB+BUN+Ca+ALT+T-BIL+Thr;0.753, 257.786, 1+ALB+Ca+AST+Glc+His+Orn;0.753, 253.779, 1+ALB+BUN+NEFA+Arg+Asp+Phe;0.753, 255.451, 1+ALB+BUN+3MeHis+Tyr+Val+Trp;0.753, 255.650, 1+ALB+BUN+NEFA+Arg+Val+Phe;0.753, 255.822, 1+ALB+NEFA+Asp+Lys+Tyr+Phe;0.753, 253.163, 1+ALB+AST+ALT+Arg+Tyr+Val;0.753, 254.390, 1+ALB+AST+ALT+NEFA+BHBA+Orn;0.753, 254.831, 1+ALB+ALT+gGT+NEFA+Thr+Orn;0.753, 257.293, 1+ALB+AST+gGT+Glc+Orn+Lys;0.753, 253.862, 1+ALB+AST+ALT+BHBA+Thr+Orn;0.753, 256.151, 1+ALB+AST+BHBA+His+Arg+Lys;0.753, 256.270, 1+ALB+AST+gGT+T-BIL+His+Lys;0.753, 254.031, 1+ALB+Ca+ALT+gGT+BHBA+Arg;0.753, 253.782, 1+ALB+Ca+ALT+Glc+Lys+Ile;0.753, 252.936, 1+ALB+ALT+NEFA+3MeHis+Arg+Val;0.753, 255.451, 1+ALB+BUN+NEFA+3MeHis+Tyr+Trp;0.753, 257.025, 1+ALB+NEFA+Lys+Tyr+Phe+Trp;0.753, 253.801, 1+ALB+ALT+NEFA+Arg+Tyr+Val;0.753, 253.828, 1+ALB+ALT+gGT+Glc+His+Arg;0.753, 255.330, 1+ALB+3MeHis+Arg+Lys+Tyr+Trp;0.753, 256.102, 1+ALB+BUN+gGT+Glc+Arg+Lys;0.753, 256.257, 1+ALB+NEFA+3MeHis+Lys+Phe+Trp;0.753, 253.904, 1+ALB+AST+ALT+3MeHis+Orn+Val;0.753, 256.099, 1+ALB+BUN+3MeHis+Tyr+Val+Phe;0.753, 256.392, 1+ALB+NEFA+T-BIL+Arg+Lys+Ile;0.753, 254.393, 1+ALB+AST+ALT+NEFA+Orn+Ile;0.753, 257.331, 1+ALB+AST+NEFA+T-BIL+BHBA+Orn;0.753, 258.244, 1+ALB+AST+Glc+His+Lys+Ile;0.753, 253.650, 1+ALB+Ca+ALT+NEFA+T-

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hr+Orn+Lys;0.753,255.147,1+ALB+AST+NEFA+Arg+Asp+Tyr;0.753,255.551,1+A
LB+AST+gGT+NEFA+Glc+Lys;0.753,253.732,1+ALB+Ca+ALT+NEFA+Glc+Lys;0.753
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ST+NEFA+3MeHis+Orn;0.753,255.839,1+ALB+NEFA+BHBA+His+Arg+Lys;0.753,25
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BA+Thr+Orn;0.753,253.507,1+ALB+Ca+ALT+gGT+His+Arg;0.753,253.731,1+ALB
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LT+Glc+Thr;0.752,253.417,1+ALB+AST+ALT+3MeHis+Tyr+Phe;0.752,255.850,1
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AST+BHBA+Thr+Lys+Ile;0.752, 255.569, 1+ALB+AST+gGT+NEFA+BHBA+Lys;0.752,
254.071, 1+ALB+Ca+ALT+T-BIL+Glc+Arg;0.752, 253.404, 1+ALB+Ca+ALT+T-BIL+A

rg+Thr;0.752, 257.211, 1+ALB+3MeHis+Orn+Lys+Tyr+Val;0.752, 257.070, 1+ALB+3MeHis+Orn+Lys+Tyr+Phe;0.752, 255.888, 1+ALB+BUN+gGT+BHBA+Arg+Lys;0.752, 257.437, 1+ALB+NEFA+Orn+Val+Phe+Trp;0.752, 254.263, 1+ALB+AST+ALT+NEFA+Orn+Val;0.752, 254.604, 1+ALB+AST+ALT+Glc+Orn+Ile;0.752, 256.507, 1+ALB+T-BIL+His+Arg+Orn+Lys;0.752, 255.871, 1+ALB+BUN+AST+gGT+Arg+Orn;0.752, 256.390, 1+ALB+AST+Glc+His+Arg+Lys;0.752, 257.959, 1+ALB+Ca+AST+T-BIL+Glc+Orn;0.752, 254.621, 1+ALB+3MeHis+Asp+Orn+Tyr+Phe;0.752, 253.884, 1+ALB+ALT+T-BIL+BHBA+His+Arg;0.752, 254.316, 1+ALB+ALT+gGT+T-BIL+BHBA+Arg;0.752, 256.946, 1+ALB+NEFA+Glc+His+Thr+Lys;0.752, 258.705, 1+ALB+AST+gGT+Glc+Orn+Ile;0.752, 258.647, 1+ALB+AST+gGT+BHBA+Orn+Ile;0.752, 255.472, 1+ALB+BUN+AST+NEFA+Orn+Tyr;0.752, 256.185, 1+ALB+BUN+Ca+His+Arg+Orn;0.752, 254.064, 1+ALB+Ca+ALT+BHBA+Glc+Arg;0.752, 255.811, 1+ALB+BUN+Ca+His+Thr+Orn;0.752, 253.218, 1+ALB+Ca+ALT+His+Thr+Lys;0.752, 254.439, 1+ALB+Ca+AST+ALT+Orn+Ile;0.752, 256.821, 1+ALB+T-BIL+His+Arg+Lys+Ile;0.752, 257.825, 1+ALB+NEFA+Orn+Lys+Tyr+Phe;0.752, 256.221, 1+ALB+NEFA+3MeHis+Orn+Lys+Trp;0.752, 257.101, 1+ALB+NEFA+Orn+Lys+Tyr+Trp;0.752, 254.722, 1+ALB+ALT+NEFA+Glc+Thr+Orn;0.752, 255.026, 1+ALB+ALT+T-BIL+BHBA+His+Orn;0.752, 255.031, 1+ALB+ALT+gGT+Glc+His+Orn;0.752, 255.703, 1+ALB+3MeHis+Arg+Lys+Phe+Trp;0.752, 254.935, 1+ALB+ALT+T-BIL+His+Orn+Ile;0.752, 254.946, 1+ALB+ALT+gGT+His+Orn+Ile;0.752, 255.509, 1+ALB+BUN+AST+Arg+Tyr+Phe;0.752, 254.436, 1+ALB+AST+ALT+gGT+BHBA+Orn;0.752, 254.550, 1+ALB+AST+ALT+T-BIL+Orn+Ile;0.752, 255.309, 1+ALB+BUN+T-BIL+His+Thr+Orn;0.752, 255.921, 1+ALB+BUN+gGT+His+Thr+Orn;0.752, 257.312, 1+ALB+AST+Arg+Lys+Tyr+Val;0.752, 258.240, 1+ALB+AST+BHBA+Glc+Lys+Ile;0.752, 257.545, 1+ALB+AST+BHBA+Arg+Thr+Ile;0.752, 256.269, 1+ALB+Ca+AST+T-BIL+Arg+Lys;0.752, 253.410, 1+ALB+Ca+ALT+BHBA+Arg+Thr;0.752, 253.048, 1+ALB+ALT+NEFA+Asp+Orn+Tyr;0.752, 250.631, 1+ALB+BUN+ALT+NEFA+3MeHis+Asp;0.752, 253.359, 1+ALB+NEFA+3MeHis+Asp+Orn+Lys;0.752, 253.861, 1+ALB+ALT+T-BIL+Glc+His+Arg;0.752, 255.648, 1+ALB+Asp+Lys+T

yr+Phe+Trp;0.752, 255.022, 1+ALB+ALT+T-BIL+Glc+His+Orn;0.752, 253.984, 1+ALB+AST+ALT+NEFA+Orn+Tyr;0.752, 253.093, 1+ALB+BUN+AST+NEFA+Arg+Asp;0.752, 252.432, 1+ALB+AST+3MeHis+Asp+Tyr+Trp;0.752, 257.227, 1+ALB+Ca+AST+gGT+Orn+Lys;0.752, 256.455, 1+ALB+Ca+AST+T-BIL+His+Lys;0.752, 258.534, 1+ALB+Ca+AST+gGT+Orn+Ile;0.752, 253.405, 1+ALB+Ca+ALT+gGT+Arg+Thr;0.752, 255.695, 1+ALB+BUN+Ca+AST+Arg+Orn;0.752, 255.963, 1+ALB+BUN+Ca+gGT+Arg+Lys;0.752, 252.670, 1+ALB+BUN+3MeHis+Arg+Asp+Orn;0.752, 256.037, 1+ALB+BUN+3MeHis+Arg+Orn+Val;0.752, 252.152, 1+ALB+AST+ALT+Asp+Tyr+Phe;0.752, 254.125, 1+ALB+BUN+AST+Tyr+Val+Trp;0.752, 253.287, 1+ALB+AST+NEFA+3MeHis+Asp+Orn;0.752, 258.098, 1+ALB+AST+gGT+His+Lys+Ile;0.752, 256.199, 1+ALB+AST+NEFA+Glc+Arg+Thr;0.752, 252.794, 1+ALB+BUN+3MeHis+Arg+Asp+Val;0.752, 263.903, 1+AST+NEFA+His+Asn+Orn+Ile;0.752, 256.269, 1+ALB+3MeHis+Orn+Lys+Tyr+Trp;0.752, 255.241, 1+ALB+NEFA+Asp+Lys+Val+Trp;0.752, 257.230, 1+ALB+gGT+T-BIL+His+Orn+Lys;0.752, 254.396, 1+ALB+AST+ALT+gGT+T-BIL+Orn;0.752, 255.741, 1+ALB+BUN+His+Arg+Thr+Ile;0.752, 253.866, 1+ALB+AST+ALT+Tyr+Val+Trp;0.752, 254.651, 1+ALB+AST+NEFA+Arg+Asp+Phe;0.752, 254.010, 1+ALB+Ca+ALT+gGT+BHBA+Lys;0.752, 254.063, 1+ALB+Ca+ALT+T-BIL+BHBA+Arg;0.752, 258.561, 1+ALB+Ca+AST+gGT+Glc+Orn;0.752, 256.107, 1+ALB+BUN+Ca+BHBA+Glc+Lys;0.752, 264.172, 1+ALT+NEFA+His+Asn+Thr+Orn;0.752, 257.630, 1+ALB+3MeHis+Orn+Tyr+Val+Phe;0.752, 254.297, 1+ALB+ALT+gGT+T-BIL+Glc+Arg;0.752, 255.516, 1+ALB+Asp+Orn+Lys+Tyr+Trp;0.752, 257.666, 1+ALB+gGT+NEFA+Orn+Lys+Ile;0.752, 257.843, 1+ALB+Arg+Thr+Orn+Lys+Ile;0.752, 257.918, 1+ALB+T-BIL+Arg+Orn+Lys+Ile;0.752, 256.743, 1+ALB+BUN+AST+gGT+Glc+Orn;0.752, 252.789, 1+ALB+AST+ALT+His+Thr+Orn;0.752, 257.027, 1+ALB+AST+T-BIL+Glc+Arg+Orn;0.752, 257.943, 1+ALB+AST+Glc+His+Orn+Ile;0.752, 255.277, 1+ALB+AST+His+Arg+Thr+Orn;0.752, 256.338, 1+ALB+AST+BHBA+His+Arg+Orn;0.752, 258.199, 1+ALB+Ca+AST+His+Lys+Ile;0.752, 253.813, 1+ALB+Ca+AST+ALT+Thr+Orn;0.752, 255.829, 1+ALB+BUN+Ca+AST+T-BIL+Orn;0.751, 254.338, 1+ALB+ALT+T-BIL+BHBA+Glc+Arg

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EFA+3MeHis+Arg+Orn;0.751,258.461,1+ALB+T-BIL+BHBA+Orn+Lys+Ile;0.751,2
57.873,1+ALB+BHBA+His+Orn+Lys+Ile;0.751,254.946,1+ALB+ALT+Glc+His+Orn
+Ile;0.751,258.565,1+ALB+T-BIL+Glc+His+Lys+Ile;0.751,254.548,1+ALB+AS
T+ALT+T-BIL+Glc+Orn;0.751,254.587,1+ALB+AST+ALT+BHBA+Glc+Orn;0.751,25
5.597,1+ALB+BUN+AST+3MeHis+Orn+Val;0.751,255.765,1+ALB+NEFA+T-BIL+His
+Arg+Lys;0.751,258.651,1+ALB+AST+gGT+BHBA+Glc+Orn;0.751,253.913,1+ALB
+BUN+AST+NEFA+Tyr+Trp;0.751,256.484,1+ALB+AST+BHBA+His+Thr+Orn;0.751,
257.329,1+ALB+AST+BHBA+Arg+Thr+Orn;0.751,257.522,1+ALB+AST+Glc+Arg+Th
r+Ile;0.751,257.837,1+ALB+AST+gGT+T-BIL+BHBA+Orn;0.751,254.621,1+ALB+
AST+Asp+Tyr+Val+Trp;0.751,258.230,1+ALB+Ca+AST+Glc+His+Lys;0.751,256.
187,1+ALB+3MeHis+Orn+Lys+Phe+Trp;0.751,253.635,1+ALB+AST+ALT+3MeHis+T
yr+Trp;0.751,256.496,1+ALB+3MeHis+Arg+Lys+Tyr+Val;0.751,256.997,1+ALB
+NEFA+Orn+Lys+Val+Trp;0.751,257.212,1+ALB+Arg+Lys+Tyr+Phe+Trp;0.751,2
58.174,1+ALB+T-BIL+Glc+His+Thr+Lys;0.751,255.351,1+ALB+AST+3MeHis+Arg
+Orn+Tyr;0.751,257.374,1+ALB+AST+Arg+Orn+Val+Phe;0.751,257.871,1+ALB+
AST+gGT+Glc+His+Orn;0.751,256.338,1+ALB+AST+gGT+His+Arg+Lys;0.751,257
.353,1+ALB+AST+Glc+Arg+Thr+Orn;0.751,254.259,1+ALB+BUN+AST+Asp+Orn+Ty
r;0.751,253.979,1+ALB+Ca+ALT+BHBA+Glc+Lys;0.751,257.589,1+ALB+Ca+AST+
T-BIL+Thr+Orn;0.751,256.311,1+ALB+Ca+NEFA+His+Orn+Lys;0.751,256.515,1
+ALB+3MeHis+Arg+Orn+Lys+Phe;0.751,253.901,1+ALB+ALT+BHBA+His+Arg+Ile;
0.751,255.703,1+ALB+Asp+Lys+Tyr+Val+Trp;0.751,253.495,1+ALB+ALT+gGT+H
is+Thr+Orn;0.751,255.807,1+ALB+BUN+AST+BHBA+Thr+Orn;0.751,256.188,1+A
LB+AST+gGT+T-BIL+Arg+Lys;0.751,257.164,1+ALB+gGT+NEFA+His+Thr+Lys;0.7
51,257.197,1+ALB+AST+BHBA+Arg+Thr+Lys;0.751,257.822,1+ALB+AST+gGT+His
+Orn+Ile;0.751,257.886,1+ALB+AST+gGT+Thr+Lys+Ile;0.751,256.358,1+ALB+
AST+gGT+His+Arg+Orn;0.751,257.330,1+ALB+Ca+AST+Thr+Orn+Lys;0.751,255.
777,1+ALB+BUN+Ca+BHBA+Arg+Lys;0.751,256.896,1+ALB+3MeHis+Arg+Orn+Tyr+

Phe;0.751, 254.295, 1+ALB+ALT+gGT+BHBA+Glc+Arg;0.751, 255.773, 1+ALB+3MeHis+Arg+Tyr+Phe+Trp;0.751, 257.157, 1+ALB+NEFA+Lys+Val+Phe+Trp;0.751, 257.122, 1+ALB+Arg+Orn+Lys+Tyr+Trp;0.751, 257.905, 1+ALB+BHBA+Glc+His+Orn+Lys;0.751, 254.759, 1+ALB+ALT+BHBA+Glc+Thr+Orn;0.751, 253.495, 1+ALB+ALT+BHBA+His+Thr+Orn;0.751, 253.495, 1+ALB+ALT+T-BIL+His+Thr+Orn;0.751, 253.805, 1+ALB+AST+ALT+Glc+Thr+Orn;0.751, 256.130, 1+ALB+BUN+AST+His+Orn+Ile;0.751, 256.329, 1+ALB+AST+NEFA+3MeHis+Orn+Tyr;0.751, 257.325, 1+ALB+AST+Glc+Arg+Thr+Lys;0.751, 257.915, 1+ALB+AST+gGT+T-BIL+Glc+Orn;0.751, 254.121, 1+ALB+AST+NEFA+Asp+Tyr+Trp;0.751, 255.903, 1+ALB+AST+His+Arg+Thr+Lys;0.751, 256.855, 1+ALB+Ca+AST+Arg+Orn+Lys;0.751, 257.557, 1+ALB+Ca+AST+Glc+Arg+Orn;0.751, 254.404, 1+ALB+Ca+AST+ALT+T-BIL+Orn;0.751, 252.908, 1+ALB+BUN+3MeHis+Arg+Asp+Tyr;0.751, 254.917, 1+ALB+ALT+NEFA+T-BIL+His+Orn;0.751, 255.024, 1+ALB+ALT+BHBA+Glc+His+Orn;0.751, 255.925, 1+ALB+NEFA+Arg+Asp+Lys+Tyr;0.751, 250.676, 1+ALB+BUN+AST+ALT+Asp+Tyr;0.751, 254.461, 1+ALB+AST+ALT+gGT+Orn+Ile;0.751, 254.463, 1+ALB+AST+ALT+gGT+Glc+Orn;0.751, 255.831, 1+ALB+BUN+AST+BHBA+Arg+Orn;0.751, 255.798, 1+ALB+BUN+AST+gGT+Thr+Orn;0.751, 258.320, 1+ALB+AST+gGT+Glc+Lys+Ile;0.751, 257.005, 1+ALB+AST+gGT+NEFA+BHBA+Orn;0.751, 257.041, 1+ALB+AST+gGT+NEFA+Glc+Orn;0.751, 254.792, 1+ALB+Ca+ALT+gGT+His+Orn;0.751, 253.387, 1+ALB+Ca+ALT+Glc+Arg+Thr;0.751, 254.434, 1+ALB+Ca+AST+ALT+Glc+Orn;0.751, 254.441, 1+ALB+Ca+AST+ALT+BHBA+Orn;0.751, 255.710, 1+ALB+3MeHis+Arg+Orn+Lys+Trp;0.751, 254.847, 1+ALB+ALT+NEFA+3MeHis+Orn+Val;0.751, 254.598, 1+ALB+AST+NEFA+His+Arg+Thr;0.751, 250.965, 1+ALB+ALT+NEFA+3MeHis+Asp+Trp;0.751, 254.287, 1+ALB+BUN+AST+ALT+NEFA+Val;0.751, 254.574, 1+ALB+ALT+3MeHis+Tyr+Val+Trp;0.751, 250.292, 1+ALB+BUN+AST+ALT+3MeHis+Asp;0.751, 253.037, 1+ALB+AST+3MeHis+Arg+Asp+Val;0.751, 254.588, 1+ALB+AST+ALT+BHBA+Orn+Ile;0.751, 255.805, 1+ALB+BUN+BHBA+His+Thr+Orn;0.751, 257.291, 1+ALB+NEFA+Glc+His+Lys+Ile;0.751, 254.126, 1+ALB+BUN+AST+Asp+Orn+Val

l;0.751,255.832,1+ALB+NEFA+Glc+His+Arg+Lys;0.751,255.027,1+ALB+BUN+AST+3MeHis+Orn+Tyr;0.751,255.755,1+ALB+BUN+AST+NEFA+Orn+Val;0.751,257.490,1+ALB+AST+gGT+T-BIL+Thr+Orn;0.751,258.522,1+ALB+Ca+AST+gGT+BHBA+Orn;0.751,257.748,1+ALB+Ca+AST+His+Orn+Ile;0.751,255.970,1+ALB+Asp+Orn+Tyr+Phe+Trp;0.751,256.650,1+ALB+NEFA+3MeHis+Orn+Lys+Phe;0.751,258.156,1+ALB+Lys+Tyr+Val+Phe+Trp;0.751,254.582,1+ALB+AST+NEFA+3MeHis+Arg+Phe;0.751,254.827,1+ALB+ALT+gGT+T-BIL+Thr+Orn;0.751,257.349,1+ALB+gGT+NEFA+His+Lys+Ile;0.751,255.337,1+ALB+AST+3MeHis+Arg+Orn+Val;0.751,255.499,1+ALB+NEFA+His+Arg+Thr+Lys;0.751,255.839,1+ALB+BUN+AST+Arg+Orn+Val;0.751,258.061,1+ALB+AST+gGT+BHBA+Lys+Ile;0.751,256.828,1+ALB+AST+T-BIL+Arg+Thr+Ile;0.751,254.737,1+ALB+Ca+ALT+NEFA+His+Orn;0.751,254.826,1+ALB+ALT+T-BIL+BHBA+Thr+Orn;0.751,254.526,1+ALB+BUN+AST+His+Arg+Thr;0.751,254.766,1+ALB+Ca+ALT+NEFA+Thr+Orn;0.751,263.574,1+Ca+ALT+His+Asn+Thr+Orn;0.751,263.204,1+AST+ALT+His+Asn+Thr+Orn;0.751,253.322,1+ALB+BUN+3MeHis+Asp+Orn+Val;0.751,257.482,1+ALB+Orn+Lys+Val+Phe+Trp;0.751,257.937,1+ALB+gGT+His+Orn+Lys+Ile;0.751,254.440,1+ALB+AST+ALT+Tyr+Val+Phe;0.751,257.421,1+ALB+gGT+NEFA+Glc+His+Lys;0.751,253.041,1+ALB+AST+3MeHis+Arg+Asp+Tyr;0.751,256.590,1+ALB+BUN+AST+gGT+BHBA+Orn;0.751,257.331,1+ALB+AST+Arg+Lys+Tyr+Phe;0.751,257.544,1+ALB+AST+gGT+Arg+Thr+Ile;0.751,254.799,1+ALB+Ca+ALT+BHBA+His+Orn;0.751,253.336,1+ALB+BUN+Ca+AST+ALT+Thr;0.751,255.610,1+ALB+NEFA+3MeHis+Arg+Lys+Trp;0.751,255.712,1+ALB+BUN+NEFA+3MeHis+Val+Trp;0.751,256.888,1+ALB+3MeHis+Arg+Orn+Val+Phe;0.751,259.035,1+ALB+BHBA+Arg+Thr+Orn+Ile;0.751,254.759,1+ALB+ALT+gGT+Glc+Thr+Orn;0.751,255.930,1+ALB+AST+Asp+Lys+Val+Phe;0.751,262.703,1+ALT+Glc+His+Asn+Orn+Ile;0.751,257.925,1+ALB+Glc+His+Orn+Lys+Ile;0.751,255.953,1+ALB+AST+Asp+Lys+Tyr+Phe;0.751,255.987,1+ALB+AST+NEFA+Tyr+Phe+Trp;0.751,256.904,1+ALB+BUN+AST+Glc+Orn+Ile;0.751,256.986,1+ALB+AST+gGT+NEFA+T-BIL+Orn;0.751,254.794,1+ALB+Ca+ALT+T-BIL+His+Orn;

0.751, 258.136, 1+ALB+Ca+AST+BHBA+Thr+Orn; 0.751, 261.255, 1+BUN+ALT+His+Asn+Orn+Ile; 0.751, 255.616, 1+ALB+BUN+ALT+gGT+T-BIL+Ile; 0.751, 258.629, 1+ALB+T-BIL+BHBA+Glc+His+Lys; 0.751, 255.577, 1+ALB+AST+Arg+Val+Phe+Trp; 0.751, 256.424, 1+ALB+AST+Glc+His+Thr+Orn; 0.751, 257.211, 1+ALB+AST+NEFA+Orn+Tyr+Val; 0.751, 257.694, 1+ALB+AST+BHBA+Glc+Arg+Orn; 0.751, 257.198, 1+ALB+AST+T-BIL+BHBA+Thr+Lys; 0.751, 257.818, 1+ALB+Ca+AST+gGT+T-BIL+Orn; 0.751, 253.728, 1+ALB+BUN+ALT+NEFA+3MeHis+Tyr; 0.751, 254.220, 1+ALB+BUN+AST+ALT+3MeHis+Val; 0.751, 258.052, 1+ALB+gGT+Glc+His+Orn+Lys; 0.751, 254.096, 1+ALB+AST+ALT+Orn+Tyr+Val; 0.751, 255.323, 1+ALB+BUN+AST+NEFA+T-BIL+Arg; 0.751, 255.845, 1+ALB+BUN+Ca+AST+Thr+Orn; 0.751, 255.733, 1+ALB+BUN+ALT+gGT+NEFA+Ile; 0.751, 253.986, 1+ALB+AST+ALT+NEFA+Tyr+Trp; 0.751, 254.665, 1+ALB+BUN+AST+3MeHis+Arg+Tyr; 0.751, 255.863, 1+ALB+BUN+AST+Arg+Orn+Tyr; 0.751, 255.868, 1+ALB+gGT+NEFA+His+Arg+Lys; 0.751, 256.800, 1+ALB+BUN+AST+BHBA+Glc+Orn; 0.751, 257.264, 1+ALB+AST+BHBA+Glc+Arg+Lys; 0.751, 257.889, 1+ALB+AST+BHBA+Glc+His+Lys; 0.751, 255.262, 1+ALB+BUN+AST+NEFA+Glc+Arg; 0.751, 254.989, 1+ALB+AST+NEFA+Arg+Asp+Val; 0.751, 256.897, 1+ALB+T-BIL+His+Thr+Orn+Lys; 0.751, 257.723, 1+ALB+NEFA+BHBA+Thr+Lys+Ile; 0.751, 255.553, 1+ALB+BUN+NEFA+His+Arg+Orn; 0.751, 255.758, 1+ALB+BUN+AST+Glc+Arg+Thr; 0.751, 255.379, 1+ALB+AST+NEFA+3MeHis+Phe+Trp; 0.751, 257.597, 1+ALB+AST+BHBA+His+Thr+Lys; 0.750, 258.002, 1+ALB+Ca+AST+Thr+Lys+Ile; 0.750, 254.295, 1+ALB+Ca+AST+ALT+gGT+Orn; 0.750, 255.322, 1+ALB+AST+3MeHis+Arg+Tyr+Phe; 0.750, 257.485, 1+ALB+NEFA+T-BIL+Orn+Lys+Ile; 0.750, 257.230, 1+ALB+NEFA+Orn+Lys+Phe+Trp; 0.750, 255.379, 1+ALB+NEFA+Arg+Asp+Lys+Trp; 0.750, 254.554, 1+ALB+ALT+NEFA+3MeHis+Tyr+Trp; 0.750, 256.010, 1+ALB+NEFA+His+Arg+Thr+Orn; 0.750, 258.219, 1+ALB+BHBA+Arg+Thr+Lys+Ile; 0.750, 255.737, 1+ALB+BUN+AST+gGT+Arg+Thr; 0.750, 255.917, 1+ALB+BUN+AST+Glc+Thr+Orn; 0.750, 256.236, 1+ALB+AST+Asp+Orn+Tyr+Phe; 0.750, 256.700, 1+ALB+AST+3MeHis+Orn+Tyr+Val; 0.750, 257.763, 1+ALB+AST+gGT+BHBA+His+Lys; 0.750, 256.953, 1+ALB+Ca+AST+gGT+NEFA

+Orn;0.750,257.922,1+ALB+Ca+AST+BHBA+His+Lys;0.750,257.604,1+ALB+NEFA+Glc+Orn+Lys+Ile;0.750,255.577,1+ALB+BUN+ALT+T-BIL+His+Ile;0.750,256.826,1+ALB+NEFA+Arg+Tyr+Phe+Trp;0.750,257.285,1+ALB+NEFA+Arg+Lys+Tyr+Phe;0.750,257.822,1+ALB+NEFA+Arg+Orn+Lys+Tyr;0.750,258.271,1+ALB+T-BIL+His+Thr+Lys+Ile;0.750,258.620,1+ALB+gGT+T-BIL+Glc+His+Lys;0.750,258.079,1+ALB+AST+gGT+BHBA+Thr+Orn;0.750,256.932,1+ALB+AST+gGT+T-BIL+Arg+Orn;0.750,257.263,1+ALB+Ca+AST+Arg+Thr+Orn;0.750,258.489,1+ALB+T-BIL+Thr+Orn+Lys+Ile;0.750,258.737,1+ALB+gGT+T-BIL+Orn+Lys+Ile;0.750,253.231,1+ALB+BUN+3MeHis+Asp+Orn+Tyr;0.750,254.751,1+ALB+ALT+T-BIL+Glc+Thr+Orn;0.750,257.316,1+ALB+NEFA+Lys+Tyr+Val+Trp;0.750,253.405,1+ALB+BUN+AST+ALT+Tyr+Val;0.750,257.352,1+ALB+NEFA+BHBA+His+Lys+Ile;0.750,257.309,1+ALB+AST+gGT+Arg+Thr+Orn;0.750,257.021,1+ALB+AST+gGT+T-BIL+BHBA+Lys;0.750,253.435,1+ALB+Ca+ALT+His+Thr+Orn;0.750,256.269,1+ALB+Ca+AST+His+Arg+Lys;0.750,256.110,1+ALB+NEFA+3MeHis+Arg+Lys+Phe;0.750,263.553,1+AST+His+Asn+Thr+Orn+Ile;0.750,257.328,1+ALB+NEFA+T-BIL+His+Lys+Ile;0.750,257.646,1+ALB+AST+Arg+Orn+Tyr+Val;0.750,255.607,1+ALB+BUN+Ca+AST+T-BIL+Arg;0.750,257.543,1+ALB+Ca+AST+BHBA+Arg+Orn;0.750,252.781,1+ALB+BUN+NEFA+3MeHis+Arg+Asp;0.750,257.332,1+ALB+Arg+Orn+Lys+Val+Trp;0.750,257.106,1+ALB+BUN+NEFA+Thr+Orn+Ile;0.750,255.431,1+ALB+NEFA+Asp+Orn+Lys+Trp;0.750,256.400,1+ALB+NEFA+Arg+Asp+Lys+Phe;0.750,257.962,1+ALB+gGT+BHBA+His+Orn+Lys;0.750,258.662,1+ALB+T-BIL+BHBA+His+Lys+Ile;0.750,253.454,1+ALB+AST+ALT+3MeHis+Orn+Tyr;0.750,257.160,1+ALB+NEFA+BHBA+His+Thr+Lys;0.750,255.328,1+ALB+BUN+AST+NEFA+BHBA+Arg;0.750,256.518,1+ALB+AST+NEFA+Arg+Tyr+Val;0.750,258.112,1+ALB+Ca+AST+Glc+Thr+Orn;0.750,254.768,1+ALB+Ca+ALT+Glc+His+Orn;0.750,254.785,1+ALB+Ca+ALT+gGT+Thr+Orn;0.750,255.543,1+ALB+Ca+AST+gGT+NEFA+Lys;0.750,254.575,1+ALB+BUN+ALT+NEFA+3MeHis+Val;0.750,256.436,1+ALB+NEFA+Asp+Lys+Val+Phe;0.750,258.133,1+ALB+gGT+T-BIL+Arg+Lys+Ile;0.750,255.838,1+ALB+BUN+AST+T-B

IL+Glc+Arg;0.750, 256.652, 1+ALB+AST+NEFA+BHBA+Arg+Ile;0.750, 257.658, 1+ALB+AST+gGT+Glc+Arg+Orn;0.750, 258.424, 1+ALB+AST+Lys+Tyr+Val+Phe;0.750, 256.102, 1+ALB+AST+gGT+NEFA+Arg+Thr;0.750, 255.449, 1+ALB+ALT+gGT+NEFA+T-BIL+Orn;0.750, 254.796, 1+ALB+ALT+NEFA+Tyr+Val+Trp;0.750, 257.096, 1+ALB+NEFA+T-BIL+His+Thr+Lys;0.750, 257.492, 1+ALB+gGT+NEFA+BHBA+His+Lys;0.750, 255.848, 1+ALB+AST+gGT+NEFA+Arg+Orn;0.750, 257.964, 1+ALB+NEFA+BHBA+Arg+Thr+Ile;0.750, 254.811, 1+ALB+BUN+AST+NEFA+His+Arg

[0139] [401. 産次項を加えることで診断精度が向上する式 (アミノ酸2変数)]

0.704, 268.286, 1+His+Orn

[0140] [402. 産次項を加えることで診断精度が向上する式 (アミノ酸3変数)]

0.717, 266.405, 1+His+Orn+Phe;0.714, 268.558, 1+His+Orn+Cys

[0141] [403. 産次項を加えることで診断精度が向上する式 (アミノ酸4変数)]

0.730, 266.494, 1+His+Orn+Ile+Phe;0.728, 266.975, 1+His+Orn+Leu+Phe;0.725, 267.519, 1+His+Orn+Phe+BCAA;0.724, 267.093, 1+His+Ser+Orn+Phe;0.723, 266.962, 1+His+Gly+Orn+Phe;0.722, 267.869, 1+His+Cit+Orn+Phe;0.722, 267.958, 1+His+Thr+Orn+Phe;0.722, 266.368, 1+His+Orn+Cys+Phe;0.721, 268.912, 1+His+Arg+Orn+Cys;0.721, 266.891, 1+His+Asp+Orn+Phe;0.720, 267.791, 1+His+Asp+Orn+Cys;0.720, 268.062, 1+His+Orn+Met+Phe;0.719, 267.653, 1+His+Tau+Orn+Phe;0.719, 267.517, 1+His+3MeHis+Orn+Phe;0.719, 268.074, 1+His+Gln+Orn+Phe;0.719, 270.675, 1+His+Gly+Ala+Orn;0.719, 268.356, 1+His+Ala+Orn+Phe;0.719, 268.198, 1+His+Orn+Val+Phe;0.718, 268.273, 1+His+Arg+Orn+Phe;0.718, 270.048, 1+His+Cit+Orn+Cys;0.717, 270.110, 1+His+Gln+Orn+Cys;0.717, 268.357, 1+His+Glu+Orn+Phe;0.717, 268.402, 1+His+Pro+Orn+Phe;0.717, 268.386, 1+His+Orn+Lys+Phe;0.717, 268.315, 1+His+Orn+Tyr+Phe;0.716, 269.874, 1+His+Gly+Orn+Cys;0.716, 268.095, 1+His+Orn+Phe+Trp;0.715, 270.484, 1+His+Tau+Orn+C

ys;0.715,268.315,1+His+3MeHis+Asp+0rn;0.715,270.269,1+His+3MeHis+0rn+Cys;0.715,270.342,1+His+Glu+0rn+Cys;0.714,270.432,1+His+Ser+0rn+Cys;0.714,270.237,1+His+Pro+0rn+Cys;0.714,269.104,1+His+0rn+Cys+Lys;0.714,269.460,1+His+0rn+Cys+Tyr;0.714,270.269,1+His+0rn+Cys+Met;0.714,270.520,1+His+0rn+Cys+Ile;0.714,270.550,1+His+0rn+Cys+Leu;0.713,270.557,1+His+Gln+Gly+0rn;0.713,270.944,1+His+Gly+Pro+0rn;0.713,269.956,1+His+Asp+Ala+0rn;0.713,271.512,1+His+Cit+Ala+0rn;0.713,270.535,1+His+0rn+Cys+BCAA;0.712,269.440,1+His+Tau+Asp+0rn;0.712,271.746,1+His+Tau+Ala+0rn;0.712,270.505,1+His+Thr+0rn+Cys;0.712,270.442,1+His+0rn+Cys+Val;0.711,271.503,1+His+Ser+Ala+0rn;0.711,271.025,1+His+Arg+Ala+0rn;0.710,271.968,1+His+Glu+Ala+0rn;0.710,271.981,1+His+Thr+Ala+0rn;0.710,271.828,1+His+Ala+0rn+Ile;0.710,271.977,1+His+Ala+0rn+BCAA;0.709,271.792,1+His+Gln+Ala+0rn;0.709,271.895,1+His+Ala+Pro+0rn;0.709,271.213,1+His+Ala+0rn+Tyr;0.709,271.954,1+His+Ala+0rn+Met;0.709,271.979,1+His+Ala+0rn+Leu;0.709,270.972,1+His+Ala+0rn+Trp;0.708,271.878,1+His+Ala+0rn+Val;0.707,270.984,1+His+0rn+Tyr+Leu

[0142] [404. 産次項を加えることで診断精度が向上する式 (アミノ酸5変数)]

0.737,266.646,1+His+Gly+0rn+Leu+Phe;0.735,266.818,1+His+0rn+Val+Phe+BCAA;0.734,265.821,1+His+Ser+Asp+0rn+Phe

[0143] [405. 産次項を加えることで診断精度が向上する式 (アミノ酸6変数)]

0.749,267.475,1+His+Gly+Ala+0rn+Ile+Phe;0.745,266.628,1+His+Gly+Asp+0rn+Leu+Phe;0.745,268.372,1+His+Gly+Ala+0rn+Phe+BCAA;0.745,268.264,1+His+Gly+Cit+0rn+Phe+BCAA;0.745,266.620,1+His+Gly+Asp+0rn+Ile+Phe;0.744,266.408,1+His+3MeHis+Asp+0rn+Ile+Phe;0.743,267.104,1+His+Gly+Asp+0rn+Phe+BCAA;0.743,267.667,1+His+Gly+Cit+0rn+Leu+Phe;0.743,266.848,1+His+Ser+Asp+Cit+0rn+Phe;0.742,267.950,1+His+Gln+Gly+0rn+Leu+Phe;0.741,26

6.815, 1+His+Ser+Asp+Orn+Ile+Phe;0.741, 268.089, 1+His+Gln+Gly+Orn+Ile+Phe;0.741, 266.997, 1+His+Ser+Asp+Orn+Leu+Phe;0.741, 266.916, 1+His+Gly+Orn+Cys+Leu+Phe;0.741, 267.926, 1+His+Gly+Orn+Val+Phe+BCAA;0.740, 268.413, 1+His+Ser+Ala+Orn+Ile+Phe;0.740, 268.592, 1+His+Gly+Thr+Orn+Leu+Phe;0.740, 268.359, 1+His+Tau+Gly+Orn+Leu+Phe;0.740, 267.334, 1+His+Ser+Asp+Glu+Orn+Phe;0.740, 267.260, 1+His+Ser+Asp+Orn+Phe+BCAA;0.739, 266.614, 1+His+3MeHis+Ser+Asp+Orn+Phe;0.739, 268.644, 1+His+Ala+Orn+Val+Ile+Phe;0.739, 268.596, 1+His+Gly+Glu+Orn+Leu+Phe;0.739, 268.136, 1+His+Cit+Orn+Val+Phe+BCAA;0.739, 268.638, 1+His+3MeHis+Cit+Orn+Phe+BCAA;0.739, 268.416, 1+His+Gln+Gly+Orn+Phe+BCAA;0.739, 267.678, 1+His+Ser+Asp+Thr+Orn+Phe;0.739, 267.299, 1+His+Gly+Orn+Cys+Phe+BCAA;0.739, 268.902, 1+His+Tau+Gly+Orn+Phe+BCAA;0.739, 268.324, 1+His+3MeHis+Gly+Orn+Phe+BCAA;0.738, 268.168, 1+His+Arg+Orn+Val+Phe+BCAA;0.738, 268.493, 1+His+Gly+Orn+Ile+Leu+Phe;0.738, 269.472, 1+His+Gly+Ala+Orn+Val+Phe;0.738, 268.293, 1+His+Gly+Orn+Val+Leu+Phe;0.738, 266.133, 1+His+Tau+Ser+Asp+Orn+Phe;0.738, 268.426, 1+His+Arg+Gly+Orn+Leu+Phe;0.738, 267.626, 1+His+Ser+Asp+Orn+Val+Phe;0.738, 268.676, 1+His+Ser+Cit+Orn+Leu+Phe;0.738, 266.400, 1+His+Gly+Asp+Orn+Cys+Phe;0.738, 268.501, 1+His+Gly+Orn+Lys+Leu+Phe;0.738, 268.241, 1+His+Tau+3MeHis+Orn+Ile+Phe;0.738, 267.332, 1+His+Ser+Arg+Asp+Orn+Phe;0.738, 268.568, 1+His+Gly+Orn+Met+Leu+Phe;0.738, 268.646, 1+His+Gly+Orn+Tyr+Leu+Phe;0.737, 269.783, 1+His+Gly+Thr+Ala+Orn+Phe;0.737, 267.469, 1+His+Ser+Gln+Asp+Orn+Phe;0.737, 268.587, 1+His+Ser+Gly+Orn+Leu+Phe;0.737, 267.852, 1+His+Gly+Pro+Orn+Leu+Phe;0.737, 267.238, 1+His+3MeHis+Orn+Cys+Ile+Phe;0.737, 268.557, 1+His+Gly+Orn+Leu+Phe+BCAA;0.737, 268.213, 1+His+Gly+Orn+Leu+Phe+Trp;0.737, 267.530, 1+His+Ser+Asp+Ala+Orn+Phe;0.736, 268.773, 1+His+3MeHis+Ser+Orn+Phe+BCAA;0.736, 267.406, 1+His+Ser+Gly+Asp+Orn+Phe;0.736, 268.357, 1+His+Gly+Asp+Ala+Orn+Phe;0.736, 268.611, 1+His+Orn+Lys+Val+Phe+BCAA;0.735, 269.467, 1+His+Ser+Ala+Orn+Phe+BCAA;0.735, 267.864, 1+His+Gln+Gly+A

- sp+Orn+Phe;0.735, 267.351, 1+His+Tau+Gly+Asp+Orn+Phe;0.735, 267.798, 1+His+Ser+Asp+Orn+Met+Phe;0.735, 265.580, 1+His+Ser+Asp+Orn+Cys+Phe;0.735, 267.776, 1+His+Ser+Asp+Orn+Tyr+Phe;0.735, 268.557, 1+His+Ser+Orn+Val+Phe+BCAA;0.735, 268.812, 1+His+Orn+Ile+Leu+Phe+BCAA;0.735, 268.812, 1+His+Orn+Val+Leu+Phe+BCAA;0.735, 268.812, 1+His+Orn+Val+Ile+Phe+BCAA;0.735, 268.812, 1+His+Orn+Val+Ile+Leu+Phe;0.734, 268.817, 1+His+Orn+Met+Val+Phe+BCAA;0.734, 269.283, 1+His+Asp+Glu+Orn+Leu+Phe;0.734, 267.606, 1+His+Ser+Asp+Orn+Phe+Trp;0.734, 268.773, 1+His+Glu+Orn+Val+Phe+BCAA;0.734, 267.677, 1+His+Ser+Asp+Orn+Lys+Phe;0.734, 267.677, 1+His+Ser+Asp+Pro+Orn+Phe;0.734, 268.745, 1+His+Thr+Orn+Val+Phe+BCAA;0.732, 269.386, 1+His+Ser+Gln+Orn+Leu+Phe;0.732, 271.519, 1+His+Arg+Gly+Ala+Orn+Cys;0.732, 269.570, 1+His+Ser+Orn+Tyr+Leu+Phe;0.731, 269.221, 1+His+Tau+Ser+Orn+Leu+Phe;0.731, 269.569, 1+His+Gln+Gly+Ala+Orn+Phe;0.731, 269.031, 1+His+Tau+Gln+Gly+Orn+Phe
- [0144] [406. 産次項を加えることで診断精度が向上する式（生化学2変数）]
 0.729, 257.132, 1+ALB+BUN;0.711, 262.141, 1+ALB+Ca;0.729, 259.247, 1+ALB+AST;0.731, 254.610, 1+ALB+ALT;0.716, 261.875, 1+ALB+gGT;0.726, 259.148, 1+ALB+NEFA;0.718, 260.087, 1+ALB+T-BIL;0.713, 262.083, 1+ALB+BHBA;0.707, 262.275, 1+ALB+Glc
- [0145] [407. 産次項を加えることで診断精度が向上する式（生化学3変数）]
 0.729, 259.071, 1+TP+ALB+BUN;0.726, 261.158, 1+TP+ALB+AST;0.731, 256.542, 1+TP+ALB+ALT;0.715, 263.815, 1+TP+ALB+gGT;0.726, 261.132, 1+TP+ALB+NEFA;0.720, 262.041, 1+TP+ALB+T-BIL;0.713, 263.996, 1+TP+ALB+BHBA;0.726, 258.777, 1+ALB+BUN+Ca;0.733, 256.798, 1+ALB+BUN+AST;0.745, 252.538, 1+ALB+BUN+ALT;0.728, 258.847, 1+ALB+BUN+gGT;0.736, 257.014, 1+ALB+BUN+NEFA;0.737, 256.558, 1+ALB+BUN+T-BIL;0.730, 258.675, 1+ALB+BUN+BHBA;0.729, 259.105, 1+ALB+BUN+Glc;0.725, 258.830, 1+ALB+BUN+TG;0.727, 257.797, 1+ALB+BUN+TCHO;0.727, 261.073, 1+ALB+Ca+AST;0.729, 256.345, 1+ALB+Ca+ALT;0.716, 263.674, 1+ALB+Ca+gGT;0.725, 261.017, 1+ALB+Ca+NEFA;0.717, 261.935, 1+ALB+Ca+T-BIL;0.735, 2

55.954, 1+ALB+AST+ALT;0.729, 261.235, 1+ALB+AST+gGT;0.740, 257.408, 1+ALB+AST+NEFA;0.735, 258.085, 1+ALB+AST+T-BIL;0.732, 260.796, 1+ALB+AST+BHBA;0.727, 261.148, 1+ALB+AST+Glc;0.727, 260.914, 1+ALB+AST+TG;0.728, 260.177, 1+ALB+AST+TCHO;0.733, 256.535, 1+ALB+ALT+gGT;0.734, 255.699, 1+ALB+ALT+NEFA;0.733, 255.963, 1+ALB+ALT+T-BIL;0.731, 256.426, 1+ALB+ALT+BHBA;0.731, 256.577, 1+ALB+ALT+Glc;0.731, 256.509, 1+ALB+ALT+TG;0.731, 255.889, 1+ALB+ALT+TCHO;0.726, 260.934, 1+ALB+gGT+NEFA;0.723, 261.644, 1+ALB+gGT+T-BIL;0.716, 263.612, 1+ALB+gGT+BHBA;0.715, 263.714, 1+ALB+gGT+Glc;0.715, 263.477, 1+ALB+gGT+TG;0.727, 261.145, 1+ALB+NEFA+T-BIL;0.727, 261.116, 1+ALB+NEFA+BHBA;0.727, 260.951, 1+ALB+NEFA+Glc;0.726, 261.147, 1+ALB+NEFA+TG;0.722, 258.885, 1+ALB+NEFA+TCHO;0.721, 261.876, 1+ALB+T-BIL+BHBA;0.720, 261.639, 1+ALB+T-BIL+Glc;0.719, 262.034, 1+ALB+T-BIL+TG;0.720, 260.166, 1+ALB+T-BIL+TCHO

[0146] [408. 産次項を加えることで診断精度が向上する式（生化学4変数）]

0.731, 257.747, 1+ALB+ALT+TG+TCHO;0.731, 257.800, 1+ALB+ALT+Glc+TCHO;0.731, 258.482, 1+ALB+ALT+Glc+TG;0.732, 258.357, 1+ALB+ALT+BHBA+TG;0.733, 257.233, 1+ALB+ALT+T-BIL+TCHO;0.733, 257.961, 1+ALB+ALT+T-BIL+TG;0.733, 257.813, 1+ALB+ALT+T-BIL+Glc;0.732, 257.952, 1+ALB+ALT+T-BIL+BHBA;0.734, 256.855, 1+ALB+ALT+NEFA+TCHO;0.735, 257.687, 1+ALB+ALT+NEFA+TG;0.735, 257.623, 1+ALB+ALT+NEFA+Glc;0.734, 257.698, 1+ALB+ALT+NEFA+BHBA;0.734, 257.696, 1+ALB+ALT+NEFA+T-BIL;0.734, 257.885, 1+ALB+ALT+gGT+T-BIL;0.735, 257.669, 1+ALB+ALT+gGT+NEFA;0.738, 259.180, 1+ALB+AST+T-BIL+TCHO;0.736, 260.082, 1+ALB+AST+T-BIL+TG;0.736, 259.699, 1+ALB+AST+T-BIL+Glc;0.736, 259.946, 1+ALB+AST+T-BIL+BHBA;0.740, 258.225, 1+ALB+AST+NEFA+TCHO;0.740, 259.326, 1+ALB+AST+NEFA+TG;0.739, 259.296, 1+ALB+AST+NEFA+Glc;0.740, 259.408, 1+ALB+AST+NEFA+BHBA;0.741, 259.308, 1+ALB+AST+NEFA+T-BIL;0.735, 260.082, 1+ALB+AST+gGT+T-BIL;0.738, 259.326, 1+ALB+AST+gGT+NEFA;0.735, 257.302, 1+ALB+AST+ALT+TCHO;0.734, 257.866, 1+ALB+AST+ALT+TG;0.735, 257.924, 1+ALB+AST+ALT+Glc

c;0.735, 257.672, 1+ALB+AST+ALT+BHBA;0.736, 256.831, 1+ALB+AST+ALT+T-BIL;
 0.739, 256.572, 1+ALB+AST+ALT+NEFA;0.735, 257.953, 1+ALB+AST+ALT+gGT;0.73
 2, 257.771, 1+ALB+Ca+ALT+T-BIL;0.734, 257.524, 1+ALB+Ca+ALT+NEFA;0.735, 26
 0.012, 1+ALB+Ca+AST+T-BIL;0.739, 259.340, 1+ALB+Ca+AST+NEFA;0.735, 257.72
 3, 1+ALB+Ca+AST+ALT;0.745, 254.046, 1+ALB+BUN+ALT+TCHO;0.745, 254.527, 1+A
 LB+BUN+ALT+TG;0.745, 254.536, 1+ALB+BUN+ALT+GlC;0.746, 254.194, 1+ALB+BUN
 +ALT+BHBA;0.748, 253.736, 1+ALB+BUN+ALT+T-BIL;0.749, 254.121, 1+ALB+BUN+A
 LT+NEFA;0.744, 254.532, 1+ALB+BUN+ALT+gGT;0.731, 258.768, 1+ALB+BUN+AST+G
 lC;0.736, 258.290, 1+ALB+BUN+AST+BHBA;0.741, 255.680, 1+ALB+BUN+AST+T-BIL
 ;0.740, 256.347, 1+ALB+BUN+AST+NEFA;0.745, 254.166, 1+ALB+BUN+AST+ALT;0.7
 46, 254.231, 1+ALB+BUN+Ca+ALT;0.733, 258.560, 1+ALB+BUN+Ca+AST;0.731, 257.
 783, 1+TP+ALB+ALT+TCHO;0.730, 258.457, 1+TP+ALB+ALT+TG;0.731, 258.494, 1+T
 P+ALB+ALT+GlC;0.731, 258.400, 1+TP+ALB+ALT+BHBA;0.732, 257.938, 1+TP+ALB+
 ALT+T-BIL;0.732, 258.495, 1+TP+ALB+ALT+gGT;0.731, 262.773, 1+TP+ALB+AST+B
 HBA;0.735, 260.080, 1+TP+ALB+AST+T-BIL;0.740, 259.407, 1+TP+ALB+AST+NEFA;
 0.734, 257.906, 1+TP+ALB+AST+ALT;0.730, 258.306, 1+TP+ALB+Ca+ALT;0.746, 25
 4.520, 1+TP+ALB+BUN+ALT;0.733, 258.772, 1+TP+ALB+BUN+AST

[0147] [409. 産次項を加えることで診断精度が向上する式（生化学5変数）]

0.730, 259.670, 1+ALB+ALT+GlC+TG+TCHO;0.732, 259.612, 1+ALB+ALT+BHBA+TG+T
 CHO;0.733, 259.224, 1+ALB+ALT+T-BIL+TG+TCHO;0.735, 258.955, 1+ALB+ALT+T-B
 IL+GlC+TCHO;0.733, 259.813, 1+ALB+ALT+T-BIL+GlC+TG;0.733, 259.213, 1+ALB+
 ALT+T-BIL+BHBA+TCHO;0.733, 259.951, 1+ALB+ALT+T-BIL+BHBA+TG;0.733, 259.8
 13, 1+ALB+ALT+T-BIL+BHBA+GlC;0.735, 258.846, 1+ALB+ALT+NEFA+TG+TCHO;0.73
 7, 258.666, 1+ALB+ALT+NEFA+GlC+TCHO;0.735, 259.607, 1+ALB+ALT+NEFA+GlC+TG
 ;0.734, 258.853, 1+ALB+ALT+NEFA+BHBA+TCHO;0.735, 259.687, 1+ALB+ALT+NEFA+
 BHBA+TG;0.736, 259.610, 1+ALB+ALT+NEFA+BHBA+GlC;0.734, 258.855, 1+ALB+ALT
 +NEFA+T-BIL+TCHO;0.735, 259.685, 1+ALB+ALT+NEFA+T-BIL+TG;0.735, 259.605,
 1+ALB+ALT+NEFA+T-BIL+GlC;0.734, 259.696, 1+ALB+ALT+NEFA+T-BIL+BHBA;0.73

3, 259.702, 1+ALB+ALT+gGT+TG+TCHO;0.732, 259.724, 1+ALB+ALT+gGT+Glc+TCHO;
0.731, 260.424, 1+ALB+ALT+gGT+Glc+TG;0.732, 259.660, 1+ALB+ALT+gGT+BHBA+T
CHO;0.732, 260.313, 1+ALB+ALT+gGT+BHBA+TG;0.735, 259.165, 1+ALB+ALT+gGT+T
-BIL+TCHO;0.734, 259.885, 1+ALB+ALT+gGT+T-BIL+TG;0.734, 259.720, 1+ALB+AL
T+gGT+T-BIL+Glc;0.734, 259.868, 1+ALB+ALT+gGT+T-BIL+BHBA;0.735, 258.838,
1+ALB+ALT+gGT+NEFA+TCHO;0.735, 259.653, 1+ALB+ALT+gGT+NEFA+TG;0.736, 259
.589, 1+ALB+ALT+gGT+NEFA+Glc;0.735, 259.669, 1+ALB+ALT+gGT+NEFA+BHBA;0.7
35, 259.663, 1+ALB+ALT+gGT+NEFA+T-BIL;0.738, 261.179, 1+ALB+AST+T-BIL+TG+
TCHO;0.736, 260.549, 1+ALB+AST+T-BIL+Glc+TCHO;0.737, 261.682, 1+ALB+AST+T
-BIL+Glc+TG;0.735, 260.996, 1+ALB+AST+T-BIL+BHBA+TCHO;0.737, 261.937, 1+A
LB+AST+T-BIL+BHBA+TG;0.736, 261.649, 1+ALB+AST+T-BIL+BHBA+Glc;0.740, 260
.133, 1+ALB+AST+NEFA+TG+TCHO;0.737, 259.931, 1+ALB+AST+NEFA+Glc+TCHO;0.7
39, 261.202, 1+ALB+AST+NEFA+Glc+TG;0.739, 260.214, 1+ALB+AST+NEFA+BHBA+TC
HO;0.739, 261.326, 1+ALB+AST+NEFA+BHBA+TG;0.739, 261.283, 1+ALB+AST+NEFA+
BHBA+Glc;0.740, 260.191, 1+ALB+AST+NEFA+T-BIL+TCHO;0.740, 261.222, 1+ALB+
AST+NEFA+T-BIL+TG;0.739, 261.106, 1+ALB+AST+NEFA+T-BIL+Glc;0.740, 261.27
0, 1+ALB+AST+NEFA+T-BIL+BHBA;0.736, 262.080, 1+ALB+AST+gGT+T-BIL+TG;0.73
6, 261.699, 1+ALB+AST+gGT+T-BIL+Glc;0.736, 261.945, 1+ALB+AST+gGT+T-BIL+B
HBA;0.738, 260.111, 1+ALB+AST+gGT+NEFA+TCHO;0.738, 261.256, 1+ALB+AST+gGT
+NEFA+TG;0.738, 261.224, 1+ALB+AST+gGT+NEFA+Glc;0.738, 261.326, 1+ALB+AST
+gGT+NEFA+BHBA;0.738, 261.244, 1+ALB+AST+gGT+NEFA+T-BIL;0.734, 259.172, 1
+ALB+AST+ALT+TG+TCHO;0.735, 259.235, 1+ALB+AST+ALT+Glc+TCHO;0.734, 259.8
43, 1+ALB+AST+ALT+Glc+TG;0.735, 259.029, 1+ALB+AST+ALT+BHBA+TCHO;0.736, 2
59.618, 1+ALB+AST+ALT+BHBA+TG;0.736, 259.569, 1+ALB+AST+ALT+BHBA+Glc;0.7
36, 258.214, 1+ALB+AST+ALT+T-BIL+TCHO;0.736, 258.824, 1+ALB+AST+ALT+T-BIL
+TG;0.736, 258.657, 1+ALB+AST+ALT+T-BIL+Glc;0.736, 258.813, 1+ALB+AST+ALT
+T-BIL+BHBA;0.739, 257.855, 1+ALB+AST+ALT+NEFA+TCHO;0.739, 258.511, 1+ALB
+AST+ALT+NEFA+TG;0.739, 258.511, 1+ALB+AST+ALT+NEFA+Glc;0.739, 258.565, 1

+ALB+AST+ALT+NEFA+BHBA;0.738, 258.528, 1+ALB+AST+ALT+NEFA+T-BIL;0.735, 259.301, 1+ALB+AST+ALT+gGT+TCHO;0.734, 259.865, 1+ALB+AST+ALT+gGT+TG;0.735, 259.923, 1+ALB+AST+ALT+gGT+Glc;0.735, 259.669, 1+ALB+AST+ALT+gGT+BHBA;0.735, 258.825, 1+ALB+AST+ALT+gGT+T-BIL;0.738, 258.522, 1+ALB+AST+ALT+gGT+NEFA;0.732, 259.065, 1+ALB+Ca+ALT+T-BIL+TCHO;0.732, 259.768, 1+ALB+Ca+ALT+T-BIL+TG;0.733, 259.527, 1+ALB+Ca+ALT+T-BIL+Glc;0.732, 259.738, 1+ALB+Ca+ALT+T-BIL+BHBA;0.733, 258.713, 1+ALB+Ca+ALT+NEFA+TCHO;0.734, 259.516, 1+ALB+Ca+ALT+NEFA+TG;0.736, 259.383, 1+ALB+Ca+ALT+NEFA+Glc;0.734, 259.522, 1+ALB+Ca+ALT+NEFA+BHBA;0.734, 259.523, 1+ALB+Ca+ALT+NEFA+T-BIL;0.733, 259.711, 1+ALB+Ca+ALT+gGT+T-BIL;0.734, 259.503, 1+ALB+Ca+ALT+gGT+NEFA;0.736, 261.112, 1+ALB+Ca+AST+T-BIL+TCHO;0.736, 262.010, 1+ALB+Ca+AST+T-BIL+TG;0.736, 261.556, 1+ALB+Ca+AST+T-BIL+Glc;0.734, 261.847, 1+ALB+Ca+AST+T-BIL+BHBA;0.738, 260.164, 1+ALB+Ca+AST+NEFA+TCHO;0.739, 261.261, 1+ALB+Ca+AST+NEFA+TG;0.738, 261.197, 1+ALB+Ca+AST+NEFA+Glc;0.739, 261.340, 1+ALB+Ca+AST+NEFA+BHBA;0.740, 261.245, 1+ALB+Ca+AST+NEFA+T-BIL;0.734, 262.008, 1+ALB+Ca+AST+gGT+T-BIL;0.737, 261.255, 1+ALB+Ca+AST+gGT+NEFA;0.734, 259.084, 1+ALB+Ca+AST+ALT+TCHO;0.734, 259.635, 1+ALB+Ca+AST+ALT+TG;0.734, 259.636, 1+ALB+Ca+AST+ALT+Glc;0.735, 259.526, 1+ALB+Ca+AST+ALT+BHBA;0.734, 258.699, 1+ALB+Ca+AST+ALT+T-BIL;0.738, 258.452, 1+ALB+Ca+AST+ALT+NEFA;0.735, 259.723, 1+ALB+Ca+AST+ALT+gGT;0.745, 256.022, 1+ALB+BUN+ALT+TG+TCHO;0.745, 256.031, 1+ALB+BUN+ALT+Glc+TCHO;0.745, 256.526, 1+ALB+BUN+ALT+Glc+TG;0.746, 255.716, 1+ALB+BUN+ALT+BHBA+TCHO;0.747, 256.193, 1+ALB+BUN+ALT+BHBA+TG;0.746, 256.160, 1+ALB+BUN+ALT+BHBA+Glc;0.746, 255.246, 1+ALB+BUN+ALT+T-BIL+TCHO;0.748, 255.688, 1+ALB+BUN+ALT+T-BIL+TG;0.748, 255.694, 1+ALB+BUN+ALT+T-BIL+Glc;0.748, 255.727, 1+ALB+BUN+ALT+T-BIL+BHBA;0.748, 255.564, 1+ALB+BUN+ALT+NEFA+TCHO;0.749, 256.087, 1+ALB+BUN+ALT+NEFA+TG;0.749, 256.116, 1+ALB+BUN+ALT+NEFA+Glc;0.747, 255.978, 1+ALB+BUN+ALT+NEFA+BHBA;0.748, 255.714, 1+ALB+BUN+ALT+NEFA+T-BIL;0.745, 256.039, 1+ALB+BUN+ALT+gGT

+TCHO;0.745, 256.523, 1+ALB+BUN+ALT+gGT+TG;0.744, 256.529, 1+ALB+BUN+ALT+gGT+Glc;0.746, 256.193, 1+ALB+BUN+ALT+gGT+BHBA;0.747, 255.729, 1+ALB+BUN+ALT+gGT+T-BIL;0.748, 256.120, 1+ALB+BUN+ALT+gGT+NEFA;0.730, 259.988, 1+ALB+BUN+AST+Glc+TCHO;0.730, 260.627, 1+ALB+BUN+AST+Glc+TG;0.733, 259.646, 1+ALB+BUN+AST+BHBA+TCHO;0.733, 260.173, 1+ALB+BUN+AST+BHBA+TG;0.733, 260.211, 1+ALB+BUN+AST+BHBA+Glc;0.740, 257.071, 1+ALB+BUN+AST+T-BIL+TCHO;0.742, 257.608, 1+ALB+BUN+AST+T-BIL+TG;0.741, 257.518, 1+ALB+BUN+AST+T-BIL+Glc;0.741, 257.654, 1+ALB+BUN+AST+T-BIL+BHBA;0.740, 257.480, 1+ALB+BUN+AST+NEFA+TCHO;0.741, 258.252, 1+ALB+BUN+AST+NEFA+TG;0.740, 258.323, 1+ALB+BUN+AST+NEFA+Glc;0.740, 258.260, 1+ALB+BUN+AST+NEFA+BHBA;0.742, 257.642, 1+ALB+BUN+AST+NEFA+T-BIL;0.731, 260.768, 1+ALB+BUN+AST+gGT+Glc;0.736, 260.276, 1+ALB+BUN+AST+gGT+BHBA;0.741, 257.641, 1+ALB+BUN+AST+gGT+T-BIL;0.741, 258.240, 1+ALB+BUN+AST+gGT+NEFA;0.745, 255.699, 1+ALB+BUN+AST+ALT+TCHO;0.745, 256.158, 1+ALB+BUN+AST+ALT+TG;0.746, 256.163, 1+ALB+BUN+AST+ALT+Glc;0.745, 255.768, 1+ALB+BUN+AST+ALT+BHBA;0.748, 255.010, 1+ALB+BUN+AST+ALT+T-BIL;0.747, 255.515, 1+ALB+BUN+AST+ALT+NEFA;0.745, 256.148, 1+ALB+BUN+AST+ALT+gGT;0.745, 255.756, 1+ALB+BUN+Ca+ALT+TCHO;0.745, 256.218, 1+ALB+BUN+Ca+ALT+TG;0.745, 256.201, 1+ALB+BUN+Ca+ALT+Glc;0.745, 255.991, 1+ALB+BUN+Ca+ALT+BHBA;0.748, 255.510, 1+ALB+BUN+Ca+ALT+T-BIL;0.748, 255.876, 1+ALB+BUN+Ca+ALT+NEFA;0.745, 256.229, 1+ALB+BUN+Ca+ALT+gGT;0.730, 260.488, 1+ALB+BUN+Ca+AST+Glc;0.735, 260.147, 1+ALB+BUN+Ca+AST+BHBA;0.741, 257.566, 1+ALB+BUN+Ca+AST+T-BIL;0.740, 258.224, 1+ALB+BUN+Ca+AST+NEFA;0.733, 260.556, 1+ALB+BUN+Ca+AST+gGT;0.745, 255.897, 1+ALB+BUN+Ca+AST+ALT;0.732, 259.663, 1+TP+ALB+ALT+TG+TCHO;0.731, 259.664, 1+TP+ALB+ALT+Glc+TCHO;0.730, 260.417, 1+TP+ALB+ALT+Glc+TG;0.731, 259.662, 1+TP+ALB+ALT+BHBA+TCHO;0.732, 260.337, 1+TP+ALB+ALT+BHBA+TG;0.734, 259.187, 1+TP+ALB+ALT+T-BIL+TCHO;0.732, 259.937, 1+TP+ALB+ALT+T-BIL+TG;0.734, 259.770, 1+TP+ALB+ALT+T-BIL+Glc;0.733, 259.916, 1+TP+ALB+ALT+T-BIL+BHBA;0.734, 258.835, 1+TP+ALB+ALT

+NEFA+TCHO;0.735, 259.603, 1+TP+ALB+ALT+NEFA+Glc;0.732, 259.745, 1+TP+ALB+ALT+gGT+TCHO;0.732, 260.424, 1+TP+ALB+ALT+gGT+TG;0.731, 260.444, 1+TP+ALB+ALT+gGT+Glc;0.732, 260.355, 1+TP+ALB+ALT+gGT+BHBA;0.734, 259.877, 1+TP+ALB+ALT+gGT+T-BIL;0.729, 264.563, 1+TP+ALB+AST+BHBA+Glc;0.738, 261.170, 1+TP+ALB+AST+T-BIL+TCHO;0.736, 262.077, 1+TP+ALB+AST+T-BIL+TG;0.736, 261.678, 1+TP+ALB+AST+T-BIL+Glc;0.736, 261.921, 1+TP+ALB+AST+T-BIL+BHBA;0.740, 260.225, 1+TP+ALB+AST+NEFA+TCHO;0.740, 261.326, 1+TP+ALB+AST+NEFA+TG;0.739, 261.296, 1+TP+ALB+AST+NEFA+Glc;0.740, 261.407, 1+TP+ALB+AST+NEFA+BHBA;0.740, 261.307, 1+TP+ALB+AST+NEFA+T-BIL;0.731, 264.773, 1+TP+ALB+AST+gGT+BHBA;0.735, 262.074, 1+TP+ALB+AST+gGT+T-BIL;0.738, 261.325, 1+TP+ALB+AST+gGT+NEFA;0.734, 259.216, 1+TP+ALB+AST+ALT+TCHO;0.735, 259.831, 1+TP+ALB+AST+ALT+TG;0.735, 259.865, 1+TP+ALB+AST+ALT+Glc;0.735, 259.664, 1+TP+ALB+AST+ALT+BHBA;0.735, 258.826, 1+TP+ALB+AST+ALT+T-BIL;0.734, 259.904, 1+TP+ALB+AST+ALT+gGT;0.731, 259.578, 1+TP+ALB+Ca+ALT+TCHO;0.730, 260.269, 1+TP+ALB+Ca+ALT+gGT;0.729, 264.678, 1+TP+ALB+Ca+AST+BHBA;0.735, 262.010, 1+TP+ALB+Ca+AST+T-BIL;0.739, 261.338, 1+TP+ALB+Ca+AST+NEFA;0.733, 259.698, 1+TP+ALB+Ca+AST+ALT;0.745, 256.011, 1+TP+ALB+BUN+ALT+TCHO;0.745, 256.511, 1+TP+ALB+BUN+ALT+TG;0.746, 256.516, 1+TP+ALB+BUN+ALT+Glc;0.746, 256.194, 1+TP+ALB+BUN+ALT+BHBA;0.749, 255.735, 1+TP+ALB+BUN+ALT+T-BIL;0.748, 256.118, 1+TP+ALB+BUN+ALT+NEFA;0.745, 256.517, 1+TP+ALB+BUN+ALT+gGT;0.732, 260.735, 1+TP+ALB+BUN+AST+Glc;0.736, 260.289, 1+TP+ALB+BUN+AST+BHBA;0.741, 257.679, 1+TP+ALB+BUN+AST+T-BIL;0.741, 258.345, 1+TP+ALB+BUN+AST+NEFA;0.734, 260.766, 1+TP+ALB+BUN+AST+gGT;0.745, 256.155, 1+TP+ALB+BUN+AST+ALT;0.746, 256.227, 1+TP+ALB+BUN+Ca+ALT;0.733, 260.549, 1+TP+ALB+BUN+Ca+AST

[0148] [410. 産次項を加えることで診断精度が向上する式（生化学6変数）]

0.733, 261.445, 1+ALB+ALT+BHBA+Glc+TG+TCHO;0.735, 260.955, 1+ALB+ALT+T-BIL+Glc+TG+TCHO;0.733, 261.207, 1+ALB+ALT+T-BIL+BHBA+TG+TCHO;0.734, 260.954, 1+ALB+ALT+T-BIL+BHBA+Glc+TCHO;0.733, 261.813, 1+ALB+ALT+T-BIL+BHBA+Glc

c+TG;0.737, 260.645, 1+ALB+ALT+NEFA+Glc+TG+TCHO;0.735, 260.843, 1+ALB+ALT+NEFA+BHBA+TG+TCHO;0.737, 260.657, 1+ALB+ALT+NEFA+BHBA+Glc+TCHO;0.735, 261.594, 1+ALB+ALT+NEFA+BHBA+Glc+TG;0.734, 260.845, 1+ALB+ALT+NEFA+T-BIL+TG+TCHO;0.737, 260.656, 1+ALB+ALT+NEFA+T-BIL+Glc+TCHO;0.735, 261.587, 1+ALB+ALT+NEFA+T-BIL+Glc+TG;0.734, 260.853, 1+ALB+ALT+NEFA+T-BIL+BHBA+TCHO;0.734, 261.685, 1+ALB+ALT+NEFA+T-BIL+BHBA+TG;0.735, 261.602, 1+ALB+ALT+NEFA+T-BIL+BHBA+Glc;0.731, 261.619, 1+ALB+ALT+gGT+Glc+TG+TCHO;0.733, 261.573, 1+ALB+ALT+gGT+BHBA+TG+TCHO;0.733, 261.467, 1+ALB+ALT+gGT+BHBA+Glc+TCHO;0.735, 261.162, 1+ALB+ALT+gGT+T-BIL+TG+TCHO;0.734, 260.878, 1+ALB+ALT+gGT+T-BIL+Glc+TCHO;0.734, 261.716, 1+ALB+ALT+gGT+T-BIL+Glc+TG;0.735, 261.140, 1+ALB+ALT+gGT+T-BIL+BHBA+TCHO;0.734, 261.867, 1+ALB+ALT+gGT+T-BIL+BHBA+TG;0.734, 261.719, 1+ALB+ALT+gGT+T-BIL+BHBA+Glc;0.735, 260.826, 1+ALB+ALT+gGT+NEFA+TG+TCHO;0.735, 260.647, 1+ALB+ALT+gGT+NEFA+Glc+TCHO;0.735, 261.566, 1+ALB+ALT+gGT+NEFA+Glc+TG;0.735, 260.836, 1+ALB+ALT+gGT+NEFA+BHBA+TCHO;0.734, 261.653, 1+ALB+ALT+gGT+NEFA+BHBA+TG;0.736, 261.575, 1+ALB+ALT+gGT+NEFA+BHBA+Glc;0.735, 260.838, 1+ALB+ALT+gGT+NEFA+T-BIL+TCHO;0.734, 261.646, 1+ALB+ALT+gGT+NEFA+T-BIL+TG;0.735, 261.559, 1+ALB+ALT+gGT+NEFA+T-BIL+Glc;0.735, 261.662, 1+ALB+ALT+gGT+NEFA+T-BIL+BHBA;0.736, 262.535, 1+ALB+AST+T-BIL+Glc+TG+TCHO;0.736, 262.992, 1+ALB+AST+T-BIL+BHBA+TG+TCHO;0.735, 262.490, 1+ALB+AST+T-BIL+BHBA+Glc+TCHO;0.736, 263.626, 1+ALB+AST+T-BIL+BHBA+Glc+TG;0.740, 261.810, 1+ALB+AST+NEFA+Glc+TG+TCHO;0.740, 262.119, 1+ALB+AST+NEFA+BHBA+TG+TCHO;0.738, 261.927, 1+ALB+AST+NEFA+BHBA+Glc+TCHO;0.739, 263.189, 1+ALB+AST+NEFA+BHBA+Glc+TG;0.740, 262.099, 1+ALB+AST+NEFA+T-BIL+TG+TCHO;0.738, 261.808, 1+ALB+AST+NEFA+T-BIL+Glc+TCHO;0.740, 262.998, 1+ALB+AST+NEFA+T-BIL+Glc+TG;0.739, 262.136, 1+ALB+AST+NEFA+T-BIL+BHBA+TCHO;0.740, 263.177, 1+ALB+AST+NEFA+T-BIL+BHBA+TG;0.739, 263.095, 1+ALB+AST+NEFA+T-BIL+BHBA+Glc;0.737, 263.682, 1+ALB+AST+gGT+T-BIL+Glc+TG;0.737, 263.937, 1+ALB+AST+gGT+T-BIL+BHBA+TG;0.736, 263.649, 1+A

LB+AST+gGT+T-BIL+BHBA+Glc;0.739,262.032,1+ALB+AST+gGT+NEFA+TG+TCHO;0.737,261.830,1+ALB+AST+gGT+NEFA+Glc+TCHO;0.738,263.141,1+ALB+AST+gGT+NEFA+Glc+TG;0.737,262.103,1+ALB+AST+gGT+NEFA+BHBA+TCHO;0.738,263.256,1+ALB+AST+gGT+NEFA+BHBA+TG;0.738,263.209,1+ALB+AST+gGT+NEFA+BHBA+Glc;0.737,262.091,1+ALB+AST+gGT+NEFA+T-BIL+TCHO;0.739,263.170,1+ALB+AST+gGT+NEFA+T-BIL+TG;0.738,263.062,1+ALB+AST+gGT+NEFA+T-BIL+Glc;0.738,263.218,1+ALB+AST+gGT+NEFA+T-BIL+BHBA;0.735,261.117,1+ALB+AST+ALT+Glc+TG+TCHO;0.737,260.939,1+ALB+AST+ALT+BHBA+TG+TCHO;0.735,260.868,1+ALB+AST+ALT+BHBA+Glc+TCHO;0.736,261.528,1+ALB+AST+ALT+BHBA+Glc+TG;0.736,260.214,1+ALB+AST+ALT+T-BIL+TG+TCHO;0.737,259.952,1+ALB+AST+ALT+T-BIL+Glc+TCHO;0.737,260.636,1+ALB+AST+ALT+T-BIL+Glc+TG;0.736,260.194,1+ALB+AST+ALT+T-BIL+BHBA+TCHO;0.736,260.803,1+ALB+AST+ALT+T-BIL+BHBA+TG;0.736,260.656,1+ALB+AST+ALT+T-BIL+BHBA+Glc;0.740,259.811,1+ALB+AST+ALT+NEFA+TG+TCHO;0.741,259.717,1+ALB+AST+ALT+NEFA+Glc+TCHO;0.740,260.439,1+ALB+AST+ALT+NEFA+Glc+TG;0.738,259.853,1+ALB+AST+ALT+NEFA+BHBA+TCHO;0.739,260.506,1+ALB+AST+ALT+NEFA+BHBA+TG;0.739,260.481,1+ALB+AST+ALT+NEFA+BHBA+Glc;0.738,259.835,1+ALB+AST+ALT+NEFA+T-BIL+TCHO;0.739,260.466,1+ALB+AST+ALT+NEFA+T-BIL+TG;0.738,260.424,1+ALB+AST+ALT+NEFA+T-BIL+Glc;0.738,260.527,1+ALB+AST+ALT+NEFA+T-BIL+BHBA;0.734,261.172,1+ALB+AST+ALT+gGT+TG+TCHO;0.735,261.233,1+ALB+AST+ALT+gGT+Glc+TCHO;0.734,261.843,1+ALB+AST+ALT+gGT+Glc+TG;0.735,261.028,1+ALB+AST+ALT+gGT+BHBA+TCHO;0.736,261.611,1+ALB+AST+ALT+gGT+BHBA+TG;0.736,261.568,1+ALB+AST+ALT+gGT+BHBA+Glc;0.736,260.211,1+ALB+AST+ALT+gGT+T-BIL+TCHO;0.736,260.820,1+ALB+AST+ALT+gGT+T-BIL+TG;0.736,260.654,1+ALB+AST+ALT+gGT+T-BIL+Glc;0.735,260.809,1+ALB+AST+ALT+gGT+T-BIL+BHBA;0.739,259.806,1+ALB+AST+ALT+gGT+NEFA+TCHO;0.738,260.468,1+ALB+AST+ALT+gGT+NEFA+TG;0.738,260.465,1+ALB+AST+ALT+gGT+NEFA+Glc;0.737,260.513,1+ALB+AST+ALT+gGT+NEFA+BHBA;0.738,260.488,1+ALB+AST+ALT+gGT+NEFA+T-BIL;0.731,261.053,1+ALB+Ca+A

LT+T-BIL+TG+TCHO;0.733,260.675,1+ALB+Ca+ALT+T-BIL+Glc+TCHO;0.731,261.023,1+ALB+Ca+ALT+T-BIL+BHBA+TCHO;0.732,261.737,1+ALB+Ca+ALT+T-BIL+BHB A+TG;0.733,261.521,1+ALB+Ca+ALT+T-BIL+BHBA+Glc;0.733,260.707,1+ALB+Ca +ALT+NEFA+TG+TCHO;0.735,260.440,1+ALB+Ca+ALT+NEFA+Glc+TCHO;0.736,261.369,1+ALB+Ca+ALT+NEFA+Glc+TG;0.732,260.703,1+ALB+Ca+ALT+NEFA+BHBA+TCH O;0.734,261.514,1+ALB+Ca+ALT+NEFA+BHBA+TG;0.736,261.378,1+ALB+Ca+ALT+ NEFA+BHBA+Glc;0.733,260.712,1+ALB+Ca+ALT+NEFA+T-BIL+TCHO;0.734,261.51 4,1+ALB+Ca+ALT+NEFA+T-BIL+TG;0.736,261.358,1+ALB+Ca+ALT+NEFA+T-BIL+Gl c;0.734,261.516,1+ALB+Ca+ALT+NEFA+T-BIL+BHBA;0.730,261.475,1+ALB+Ca+A LT+gGT+TG+TCHO;0.731,262.115,1+ALB+Ca+ALT+gGT+Glc+TG;0.733,261.010,1+ ALB+Ca+ALT+gGT+T-BIL+TCHO;0.733,261.711,1+ALB+Ca+ALT+gGT+T-BIL+TG;0.7 34,261.456,1+ALB+Ca+ALT+gGT+T-BIL+Glc;0.733,261.671,1+ALB+Ca+ALT+gGT+ T-BIL+BHBA;0.733,260.700,1+ALB+Ca+ALT+gGT+NEFA+TCHO;0.735,261.491,1+A LB+Ca+ALT+gGT+NEFA+TG;0.735,261.359,1+ALB+Ca+ALT+gGT+NEFA+Glc;0.734,2 61.501,1+ALB+Ca+ALT+gGT+NEFA+BHBA;0.734,261.499,1+ALB+Ca+ALT+gGT+NEFA +T-BIL;0.736,263.112,1+ALB+Ca+AST+T-BIL+TG+TCHO;0.734,262.396,1+ALB+C a+AST+T-BIL+Glc+TCHO;0.736,263.538,1+ALB+Ca+AST+T-BIL+Glc+TG;0.735,26 3.839,1+ALB+Ca+AST+T-BIL+BHBA+TG;0.734,263.486,1+ALB+Ca+AST+T-BIL+BHB A+Glc;0.739,262.074,1+ALB+Ca+AST+NEFA+TG+TCHO;0.737,261.828,1+ALB+Ca+ AST+NEFA+Glc+TCHO;0.737,263.105,1+ALB+Ca+AST+NEFA+Glc+TG;0.737,262.15 0,1+ALB+Ca+AST+NEFA+BHBA+TCHO;0.739,263.260,1+ALB+Ca+AST+NEFA+BHBA+TG ;0.737,263.189,1+ALB+Ca+AST+NEFA+BHBA+Glc;0.738,262.133,1+ALB+Ca+AST+ NEFA+T-BIL+TCHO;0.739,263.161,1+ALB+Ca+AST+NEFA+T-BIL+TG;0.738,263.00 1,1+ALB+Ca+AST+NEFA+T-BIL+Glc;0.739,263.197,1+ALB+Ca+AST+NEFA+T-BIL+B HBA;0.735,264.006,1+ALB+Ca+AST+gGT+T-BIL+TG;0.736,263.554,1+ALB+Ca+AS T+gGT+T-BIL+Glc;0.734,263.846,1+ALB+Ca+AST+gGT+T-BIL+BHBA;0.735,262.0 48,1+ALB+Ca+AST+gGT+NEFA+TCHO;0.737,263.187,1+ALB+Ca+AST+gGT+NEFA+TG; 0.736,263.121,1+ALB+Ca+AST+gGT+NEFA+Glc;0.737,263.255,1+ALB+Ca+AST+gG

T+NEFA+BHBA;0.736, 263.178, 1+ALB+Ca+AST+gGT+NEFA+T-BIL;0.735, 260.952, 1+ALB+Ca+AST+ALT+TG+TCHO;0.734, 260.942, 1+ALB+Ca+AST+ALT+Glc+TCHO;0.735, 261.560, 1+ALB+Ca+AST+ALT+Glc+TG;0.735, 260.889, 1+ALB+Ca+AST+ALT+BHBA+TCHO;0.735, 261.467, 1+ALB+Ca+AST+ALT+BHBA+TG;0.735, 261.368, 1+ALB+Ca+AST+ALT+BHBA+Glc;0.736, 260.090, 1+ALB+Ca+AST+ALT+T-BIL+TCHO;0.734, 260.694, 1+ALB+Ca+AST+ALT+T-BIL+TG;0.738, 260.447, 1+ALB+Ca+AST+ALT+T-BIL+Glc;0.735, 260.663, 1+ALB+Ca+AST+ALT+T-BIL+BHBA;0.738, 259.749, 1+ALB+Ca+AST+ALT+NEFA+TCHO;0.738, 260.399, 1+ALB+Ca+AST+ALT+NEFA+TG;0.739, 260.344, 1+ALB+Ca+AST+ALT+NEFA+Glc;0.738, 260.451, 1+ALB+Ca+AST+ALT+NEFA+BHBA;0.737, 260.413, 1+ALB+Ca+AST+ALT+NEFA+T-BIL;0.734, 261.084, 1+ALB+Ca+AST+ALT+gGT+TCHO;0.734, 261.631, 1+ALB+Ca+AST+ALT+gGT+TG;0.734, 261.636, 1+ALB+Ca+AST+ALT+gGT+Glc;0.735, 261.521, 1+ALB+Ca+AST+ALT+gGT+BHBA;0.735, 260.690, 1+ALB+Ca+AST+ALT+gGT+T-BIL;0.736, 260.396, 1+ALB+Ca+AST+ALT+gGT+NEFA;0.739, 262.357, 1+ALB+BUN+NEFA+T-BIL+Glc+TG;0.739, 262.478, 1+ALB+BUN+NEFA+T-BIL+BHBA+TG;0.739, 262.312, 1+ALB+BUN+gGT+NEFA+T-BIL+TG;0.745, 258.010, 1+ALB+BUN+ALT+Glc+TG+TCHO;0.746, 257.708, 1+ALB+BUN+ALT+BHBA+TG+TCHO;0.745, 257.652, 1+ALB+BUN+ALT+BHBA+Glc+TCHO;0.746, 258.160, 1+ALB+BUN+ALT+BHBA+Glc+TG;0.746, 257.216, 1+ALB+BUN+ALT+T-BIL+TG+TCHO;0.747, 257.153, 1+ALB+BUN+ALT+T-BIL+Glc+TCHO;0.749, 257.631, 1+ALB+BUN+ALT+T-BIL+Glc+TG;0.746, 257.242, 1+ALB+BUN+ALT+T-BIL+BHBA+TCHO;0.748, 257.683, 1+ALB+BUN+ALT+T-BIL+BHBA+TG;0.747, 257.672, 1+ALB+BUN+ALT+T-BIL+BHBA+Glc;0.746, 257.537, 1+ALB+BUN+ALT+NEFA+TG+TCHO;0.747, 257.531, 1+ALB+BUN+ALT+NEFA+Glc+TCHO;0.749, 258.079, 1+ALB+BUN+ALT+NEFA+Glc+TG;0.746, 257.456, 1+ALB+BUN+ALT+NEFA+BHBA+TCHO;0.747, 257.950, 1+ALB+BUN+ALT+NEFA+BHBA+TG;0.748, 257.947, 1+ALB+BUN+ALT+NEFA+BHBA+Glc;0.746, 257.242, 1+ALB+BUN+ALT+NEFA+T-BIL+TCHO;0.748, 257.679, 1+ALB+BUN+ALT+NEFA+T-BIL+TG;0.747, 257.660, 1+ALB+BUN+ALT+NEFA+T-BIL+Glc;0.748, 257.710, 1+ALB+BUN+ALT+NEFA+T-BIL+BHBA;0.744, 258.017, 1+ALB+BUN+ALT+gGT+TG+TCHO;0.745, 258.023, 1+ALB+BUN+ALT+

gGT+Glc+TCHO;0.745, 258.521, 1+ALB+BUN+ALT+gGT+Glc+TG;0.746, 257.715, 1+ALB+BUN+ALT+gGT+BHBA+TCHO;0.747, 258.192, 1+ALB+BUN+ALT+gGT+BHBA+TG;0.746, 258.159, 1+ALB+BUN+ALT+gGT+BHBA+Glc;0.745, 257.240, 1+ALB+BUN+ALT+gGT+T-BIL+TCHO;0.747, 257.674, 1+ALB+BUN+ALT+gGT+T-BIL+TG;0.746, 257.683, 1+ALB+BUN+ALT+gGT+T-BIL+Glc;0.747, 257.721, 1+ALB+BUN+ALT+gGT+T-BIL+BHBA;0.747, 257.564, 1+ALB+BUN+ALT+gGT+NEFA+TCHO;0.748, 258.085, 1+ALB+BUN+ALT+gGT+NEFA+TG;0.748, 258.115, 1+ALB+BUN+ALT+gGT+NEFA+Glc;0.747, 257.978, 1+ALB+BUN+ALT+gGT+NEFA+BHBA;0.747, 257.702, 1+ALB+BUN+ALT+gGT+NEFA+T-BIL;0.731, 261.506, 1+ALB+BUN+AST+BHBA+TG+TCHO;0.731, 261.475, 1+ALB+BUN+AST+BHBA+Glc+TCHO;0.731, 262.111, 1+ALB+BUN+AST+BHBA+Glc+TG;0.741, 259.014, 1+ALB+BUN+AST+T-BIL+TG+TCHO;0.740, 258.775, 1+ALB+BUN+AST+T-BIL+Glc+TCHO;0.742, 259.409, 1+ALB+BUN+AST+T-BIL+Glc+TG;0.740, 259.025, 1+ALB+BUN+AST+T-BIL+BHBA+TCHO;0.742, 259.573, 1+ALB+BUN+AST+T-BIL+BHBA+TG;0.741, 259.514, 1+ALB+BUN+AST+T-BIL+BHBA+Glc;0.743, 259.374, 1+ALB+BUN+AST+NEFA+TG+TCHO;0.739, 259.373, 1+ALB+BUN+AST+NEFA+Glc+TCHO;0.741, 260.220, 1+ALB+BUN+AST+NEFA+Glc+TG;0.741, 259.442, 1+ALB+BUN+AST+NEFA+BHBA+TCHO;0.741, 260.171, 1+ALB+BUN+AST+NEFA+BHBA+TG;0.738, 260.205, 1+ALB+BUN+AST+NEFA+BHBA+Glc;0.740, 258.975, 1+ALB+BUN+AST+NEFA+T-BIL+TCHO;0.742, 259.535, 1+ALB+BUN+AST+NEFA+T-BIL+TG;0.741, 259.504, 1+ALB+BUN+AST+NEFA+T-BIL+Glc;0.742, 259.628, 1+ALB+BUN+AST+NEFA+T-BIL+BHBA;0.731, 261.985, 1+ALB+BUN+AST+gGT+Glc+TCHO;0.732, 261.625, 1+ALB+BUN+AST+gGT+BHBA+TCHO;0.733, 262.146, 1+ALB+BUN+AST+gGT+BHBA+TG;0.733, 262.201, 1+ALB+BUN+AST+gGT+BHBA+Glc;0.741, 259.024, 1+ALB+BUN+AST+gGT+T-BIL+TCHO;0.742, 259.581, 1+ALB+BUN+AST+gGT+T-BIL+TG;0.740, 259.487, 1+ALB+BUN+AST+gGT+T-BIL+Glc;0.741, 259.620, 1+ALB+BUN+AST+gGT+T-BIL+BHBA;0.740, 259.344, 1+ALB+BUN+AST+gGT+NEFA+TCHO;0.741, 260.160, 1+ALB+BUN+AST+gGT+NEFA+TG;0.741, 260.222, 1+ALB+BUN+AST+gGT+NEFA+Glc;0.741, 260.140, 1+ALB+BUN+AST+gGT+NEFA+BHBA;0.741, 259.585, 1+ALB+BUN+AST+gGT+NEFA+T-BIL;0.744, 257.678, 1+ALB+BUN+AST+ALT+TG+TCHO

;0.745, 257.687, 1+ALB+BUN+AST+ALT+Glc+TCHO;0.745, 258.156, 1+ALB+BUN+AST+ALT+Glc+TG;0.745, 257.304, 1+ALB+BUN+AST+ALT+BHBA+TCHO;0.745, 257.768, 1+ALB+BUN+AST+ALT+BHBA+TG;0.745, 257.732, 1+ALB+BUN+AST+ALT+BHBA+Glc;0.747, 256.575, 1+ALB+BUN+AST+ALT+T-BIL+TCHO;0.749, 256.912, 1+ALB+BUN+AST+ALT+T-BIL+TG;0.747, 256.951, 1+ALB+BUN+AST+ALT+T-BIL+Glc;0.747, 257.006, 1+ALB+BUN+AST+ALT+T-BIL+BHBA;0.747, 257.008, 1+ALB+BUN+AST+ALT+NEFA+TCHO;0.748, 257.434, 1+ALB+BUN+AST+ALT+NEFA+TG;0.747, 257.509, 1+ALB+BUN+AST+ALT+NEFA+Glc;0.747, 257.367, 1+ALB+BUN+AST+ALT+NEFA+BHBA;0.748, 257.001, 1+ALB+BUN+AST+ALT+NEFA+T-BIL;0.744, 257.687, 1+ALB+BUN+AST+ALT+gGT+TCHO;0.745, 258.137, 1+ALB+BUN+AST+ALT+gGT+TG;0.745, 258.146, 1+ALB+BUN+AST+ALT+gGT+Glc;0.746, 257.723, 1+ALB+BUN+AST+ALT+gGT+BHBA;0.747, 256.961, 1+ALB+BUN+AST+ALT+gGT+T-BIL;0.747, 257.436, 1+ALB+BUN+AST+ALT+gGT+NEFA;0.746, 257.729, 1+ALB+BUN+Ca+ALT+TG+TCHO;0.744, 257.697, 1+ALB+BUN+Ca+ALT+Glc+TCHO;0.745, 258.192, 1+ALB+BUN+Ca+ALT+Glc+TG;0.745, 257.522, 1+ALB+BUN+Ca+ALT+BHBA+TCHO;0.746, 257.988, 1+ALB+BUN+Ca+ALT+BHBA+TG;0.744, 257.920, 1+ALB+BUN+Ca+ALT+BHBA+Glc;0.745, 257.037, 1+ALB+BUN+Ca+ALT+T-BIL+TCHO;0.747, 257.470, 1+ALB+BUN+Ca+ALT+T-BIL+TG;0.748, 257.415, 1+ALB+BUN+Ca+ALT+T-BIL+Glc;0.748, 257.509, 1+ALB+BUN+Ca+ALT+T-BIL+BHBA;0.746, 257.347, 1+ALB+BUN+Ca+ALT+NEFA+TCHO;0.747, 257.851, 1+ALB+BUN+Ca+ALT+NEFA+TG;0.748, 257.844, 1+ALB+BUN+Ca+ALT+NEFA+Glc;0.746, 257.784, 1+ALB+BUN+Ca+ALT+NEFA+BHBA;0.747, 257.481, 1+ALB+BUN+Ca+ALT+NEFA+T-BIL;0.745, 257.754, 1+ALB+BUN+Ca+ALT+gGT+TCHO;0.745, 258.218, 1+ALB+BUN+Ca+ALT+gGT+TG;0.745, 258.199, 1+ALB+BUN+Ca+ALT+gGT+Glc;0.745, 257.991, 1+ALB+BUN+Ca+ALT+gGT+BHBA;0.747, 257.507, 1+ALB+BUN+Ca+ALT+gGT+T-BIL;0.749, 257.876, 1+ALB+BUN+Ca+ALT+gGT+NEFA;0.729, 261.704, 1+ALB+BUN+Ca+AST+Glc+TCHO;0.727, 262.354, 1+ALB+BUN+Ca+AST+Glc+TG;0.732, 261.509, 1+ALB+BUN+Ca+AST+BHBA+TCHO;0.731, 262.028, 1+ALB+BUN+Ca+AST+BHBA+TG;0.732, 262.036, 1+ALB+BUN+Ca+AST+BHBA+Glc;0.739, 258.965, 1+ALB+BUN+Ca

+AST+T-BIL+TCHO;0.741, 259.499, 1+ALB+BUN+Ca+AST+T-BIL+TG;0.739, 259.356
, 1+ALB+BUN+Ca+AST+T-BIL+Glc;0.741, 259.527, 1+ALB+BUN+Ca+AST+T-BIL+BHBA
;0.738, 259.373, 1+ALB+BUN+Ca+AST+NEFA+TCHO;0.740, 260.136, 1+ALB+BUN+Ca+
AST+NEFA+TG;0.739, 260.180, 1+ALB+BUN+Ca+AST+NEFA+Glc;0.739, 260.157, 1+A
LB+BUN+Ca+AST+NEFA+BHBA;0.741, 259.533, 1+ALB+BUN+Ca+AST+NEFA+T-BIL;0.7
31, 262.486, 1+ALB+BUN+Ca+AST+gGT+Glc;0.734, 262.131, 1+ALB+BUN+Ca+AST+gG
T+BHBA;0.740, 259.522, 1+ALB+BUN+Ca+AST+gGT+T-BIL;0.740, 260.111, 1+ALB+B
UN+Ca+AST+gGT+NEFA;0.745, 257.437, 1+ALB+BUN+Ca+AST+ALT+TCHO;0.745, 257.
887, 1+ALB+BUN+Ca+AST+ALT+TG;0.745, 257.866, 1+ALB+BUN+Ca+AST+ALT+Glc;0.
746, 257.606, 1+ALB+BUN+Ca+AST+ALT+BHBA;0.748, 256.846, 1+ALB+BUN+Ca+AST+
ALT+T-BIL;0.746, 257.330, 1+ALB+BUN+Ca+AST+ALT+NEFA;0.745, 257.871, 1+ALB
+BUN+Ca+AST+ALT+gGT;0.732, 261.559, 1+TP+ALB+ALT+Glc+TG+TCHO;0.732, 261.
568, 1+TP+ALB+ALT+BHBA+TG+TCHO;0.732, 261.457, 1+TP+ALB+ALT+BHBA+Glc+TCH
O;0.732, 262.239, 1+TP+ALB+ALT+BHBA+Glc+TG;0.733, 261.180, 1+TP+ALB+ALT+T
-BIL+TG+TCHO;0.734, 260.876, 1+TP+ALB+ALT+T-BIL+Glc+TCHO;0.734, 261.769,
1+TP+ALB+ALT+T-BIL+Glc+TG;0.733, 261.151, 1+TP+ALB+ALT+T-BIL+BHBA+TCHO;
0.733, 261.916, 1+TP+ALB+ALT+T-BIL+BHBA+TG;0.734, 261.766, 1+TP+ALB+ALT+T
-BIL+BHBA+Glc;0.735, 260.825, 1+TP+ALB+ALT+NEFA+TG+TCHO;0.735, 260.626, 1
+TP+ALB+ALT+NEFA+Glc+TCHO;0.736, 261.585, 1+TP+ALB+ALT+NEFA+Glc+TG;0.73
4, 260.829, 1+TP+ALB+ALT+NEFA+BHBA+TCHO;0.736, 261.595, 1+TP+ALB+ALT+NEFA
+BHBA+Glc;0.734, 260.834, 1+TP+ALB+ALT+NEFA+T-BIL+TCHO;0.735, 261.583, 1+
TP+ALB+ALT+NEFA+T-BIL+Glc;0.732, 261.639, 1+TP+ALB+ALT+gGT+TG+TCHO;0.73
2, 261.625, 1+TP+ALB+ALT+gGT+Glc+TCHO;0.731, 262.381, 1+TP+ALB+ALT+gGT+Gl
c+TG;0.732, 261.625, 1+TP+ALB+ALT+gGT+BHBA+TCHO;0.733, 262.304, 1+TP+ALB+
ALT+gGT+BHBA+TG;0.732, 262.240, 1+TP+ALB+ALT+gGT+BHBA+Glc;0.735, 261.140
, 1+TP+ALB+ALT+gGT+T-BIL+TCHO;0.734, 261.877, 1+TP+ALB+ALT+gGT+T-BIL+TG;
0.735, 261.701, 1+TP+ALB+ALT+gGT+T-BIL+Glc;0.733, 261.852, 1+TP+ALB+ALT+g
GT+T-BIL+BHBA;0.735, 260.824, 1+TP+ALB+ALT+gGT+NEFA+TCHO;0.734, 261.578,

1+TP+ALB+ALT+gGT+NEFA+Glc;0.737, 263.169, 1+TP+ALB+AST+T-BIL+TG+TCHO;0.735, 262.506, 1+TP+ALB+AST+T-BIL+Glc+TCHO;0.736, 263.657, 1+TP+ALB+AST+T-BIL+Glc+TG;0.735, 262.957, 1+TP+ALB+AST+T-BIL+BHBA+TCHO;0.736, 263.910, 1+TP+ALB+AST+T-BIL+BHBA+TG;0.736, 263.610, 1+TP+ALB+AST+T-BIL+BHBA+Glc;0.740, 262.133, 1+TP+ALB+AST+NEFA+TG+TCHO;0.737, 261.927, 1+TP+ALB+AST+NEFA+Glc+TCHO;0.739, 263.201, 1+TP+ALB+AST+NEFA+Glc+TG;0.739, 262.214, 1+TP+ALB+AST+NEFA+BHBA+TCHO;0.740, 263.326, 1+TP+ALB+AST+NEFA+BHBA+TG;0.740, 263.283, 1+TP+ALB+AST+NEFA+BHBA+Glc;0.740, 262.191, 1+TP+ALB+AST+NEFA+T-BIL+TCHO;0.740, 263.221, 1+TP+ALB+AST+NEFA+T-BIL+TG;0.739, 263.104, 1+TP+ALB+AST+NEFA+T-BIL+Glc;0.740, 263.270, 1+TP+ALB+AST+NEFA+T-BIL+BHBA;0.729, 266.562, 1+TP+ALB+AST+gGT+BHBA+Glc;0.737, 263.155, 1+TP+ALB+AST+gGT+T-BIL+TCHO;0.736, 264.072, 1+TP+ALB+AST+gGT+T-BIL+TG;0.736, 263.673, 1+TP+ALB+AST+gGT+T-BIL+Glc;0.735, 263.916, 1+TP+ALB+AST+gGT+T-BIL+BHBA;0.737, 262.107, 1+TP+ALB+AST+gGT+NEFA+TCHO;0.738, 263.254, 1+TP+ALB+AST+gGT+NEFA+TG;0.737, 263.218, 1+TP+ALB+AST+gGT+NEFA+Glc;0.738, 263.324, 1+TP+ALB+AST+gGT+NEFA+BHBA;0.738, 263.244, 1+TP+ALB+AST+gGT+NEFA+T-BIL;0.735, 261.104, 1+TP+ALB+AST+ALT+TG+TCHO;0.734, 261.126, 1+TP+ALB+AST+ALT+Glc+TCHO;0.736, 261.799, 1+TP+ALB+AST+ALT+Glc+TG;0.735, 260.999, 1+TP+ALB+AST+ALT+BHBA+TCHO;0.736, 261.613, 1+TP+ALB+AST+ALT+BHBA+TG;0.735, 261.556, 1+TP+ALB+AST+ALT+BHBA+Glc;0.736, 260.194, 1+TP+ALB+AST+ALT+T-BIL+TCHO;0.736, 260.818, 1+TP+ALB+AST+ALT+T-BIL+TG;0.737, 260.642, 1+TP+ALB+AST+ALT+T-BIL+Glc;0.735, 260.801, 1+TP+ALB+AST+ALT+T-BIL+BHBA;0.738, 259.850, 1+TP+ALB+AST+ALT+NEFA+TCHO;0.734, 261.215, 1+TP+ALB+AST+ALT+gGT+TCHO;0.734, 261.825, 1+TP+ALB+AST+ALT+gGT+TG;0.734, 261.864, 1+TP+ALB+AST+ALT+gGT+Glc;0.735, 261.658, 1+TP+ALB+AST+ALT+gGT+BHBA;0.735, 260.816, 1+TP+ALB+AST+ALT+gGT+T-BIL;0.731, 261.455, 1+TP+ALB+Ca+ALT+TG+TCHO;0.732, 261.036, 1+TP+ALB+Ca+ALT+T-BIL+TCHO;0.732, 261.503, 1+TP+ALB+Ca+ALT+T-BIL+Glc;0.734, 260.702, 1+TP+ALB+Ca+ALT+NEFA+TCHO;0.732, 261.547, 1+TP+ALB+Ca+ALT+gGT+TCH

0;0.729,262.153,1+TP+ALB+Ca+ALT+gGT+Glc;0.728,266.424,1+TP+ALB+Ca+AST+BHBA+Glc;0.736,263.106,1+TP+ALB+Ca+AST+T-BIL+TCHO;0.735,264.008,1+TP+ALB+Ca+AST+T-BIL+TG;0.736,263.544,1+TP+ALB+Ca+AST+T-BIL+Glc;0.734,263.830,1+TP+ALB+Ca+AST+T-BIL+BHBA;0.738,262.164,1+TP+ALB+Ca+AST+NEFA+TCHO;0.739,263.260,1+TP+ALB+Ca+AST+NEFA+TG;0.738,263.197,1+TP+ALB+Ca+AST+NEFA+Glc;0.738,263.338,1+TP+ALB+Ca+AST+NEFA+BHBA;0.739,263.243,1+TP+ALB+Ca+AST+NEFA+T-BIL;0.729,266.678,1+TP+ALB+Ca+AST+gGT+BHBA;0.734,264.004,1+TP+ALB+Ca+AST+gGT+T-BIL;0.737,263.255,1+TP+ALB+Ca+AST+gGT+NEFA;0.734,261.028,1+TP+ALB+Ca+AST+ALT+TCHO;0.734,261.619,1+TP+ALB+Ca+AST+ALT+TG;0.734,261.601,1+TP+ALB+Ca+AST+ALT+Glc;0.734,260.698,1+TP+ALB+Ca+AST+ALT+T-BIL;0.734,261.695,1+TP+ALB+Ca+AST+ALT+gGT;0.739,262.502,1+TP+ALB+BUN+NEFA+T-BIL+TG;0.745,257.991,1+TP+ALB+BUN+ALT+TG+TCHO;0.746,257.990,1+TP+ALB+BUN+ALT+Glc+TCHO;0.745,258.508,1+TP+ALB+BUN+ALT+Glc+TG;0.746,257.712,1+TP+ALB+BUN+ALT+BHBA+TCHO;0.747,258.193,1+TP+ALB+BUN+ALT+BHBA+TG;0.746,258.160,1+TP+ALB+BUN+ALT+BHBA+Glc;0.746,257.240,1+TP+ALB+BUN+ALT+T-BIL+TCHO;0.748,257.685,1+TP+ALB+BUN+ALT+T-BIL+TG;0.748,257.689,1+TP+ALB+BUN+ALT+T-BIL+Glc;0.747,257.727,1+TP+ALB+BUN+ALT+T-BIL+BHBA;0.747,257.556,1+TP+ALB+BUN+ALT+NEFA+TCHO;0.749,258.084,1+TP+ALB+BUN+ALT+NEFA+TG;0.748,258.112,1+TP+ALB+BUN+ALT+NEFA+Glc;0.748,257.712,1+TP+ALB+BUN+ALT+NEFA+T-BIL;0.745,258.009,1+TP+ALB+BUN+ALT+gGT+TCHO;0.745,258.509,1+TP+ALB+BUN+ALT+gGT+TG;0.745,258.513,1+TP+ALB+BUN+ALT+gGT+Glc;0.746,258.193,1+TP+ALB+BUN+ALT+gGT+BHBA;0.747,257.729,1+TP+ALB+BUN+ALT+gGT+T-BIL;0.748,258.118,1+TP+ALB+BUN+ALT+gGT+NEFA;0.731,261.938,1+TP+ALB+BUN+AST+Glc+TCHO;0.733,261.643,1+TP+ALB+BUN+AST+BHBA+TCHO;0.733,262.173,1+TP+ALB+BUN+AST+BHBA+TG;0.733,262.209,1+TP+ALB+BUN+AST+BHBA+Glc;0.740,259.071,1+TP+ALB+BUN+AST+T-BIL+TCHO;0.742,259.607,1+TP+ALB+BUN+AST+T-BIL+TG;0.741,259.518,1+TP+ALB+BUN+AST+T-BIL+Glc;0.741,259.654,1+TP+ALB+BUN+AST+T-BIL+BHBA;0.740,259.479,1+

TP+ALB+BUN+AST+NEFA+TCHO;0.742, 260.251, 1+TP+ALB+BUN+AST+NEFA+TG;0.740, 260.322, 1+TP+ALB+BUN+AST+NEFA+Glc;0.739, 260.249, 1+TP+ALB+BUN+AST+NEFA+BHBA;0.741, 259.640, 1+TP+ALB+BUN+AST+NEFA+T-BIL;0.732, 262.730, 1+TP+ALB+BUN+AST+gGT+Glc;0.736, 262.274, 1+TP+ALB+BUN+AST+gGT+BHBA;0.741, 259.640, 1+TP+ALB+BUN+AST+gGT+T-BIL;0.741, 260.239, 1+TP+ALB+BUN+AST+gGT+NEFA;0.745, 257.672, 1+TP+ALB+BUN+AST+ALT+TCHO;0.745, 258.148, 1+TP+ALB+BUN+AST+ALT+TG;0.745, 258.150, 1+TP+ALB+BUN+AST+ALT+Glc;0.746, 257.767, 1+TP+ALB+BUN+AST+ALT+BHBA;0.747, 257.009, 1+TP+ALB+BUN+AST+ALT+T-BIL;0.747, 257.515, 1+TP+ALB+BUN+AST+ALT+NEFA;0.746, 258.129, 1+TP+ALB+BUN+AST+ALT+gGT;0.746, 257.741, 1+TP+ALB+BUN+Ca+ALT+TCHO;0.746, 258.215, 1+TP+ALB+BUN+Ca+ALT+TG;0.745, 258.194, 1+TP+ALB+BUN+Ca+ALT+Glc;0.745, 258.226, 1+TP+ALB+BUN+Ca+ALT+gGT;0.730, 261.853, 1+TP+ALB+BUN+Ca+AST+TCHO;0.731, 262.472, 1+TP+ALB+BUN+Ca+AST+Glc;0.735, 262.146, 1+TP+ALB+BUN+Ca+AST+BHBA;0.740, 259.562, 1+TP+ALB+BUN+Ca+AST+T-BIL;0.740, 260.218, 1+TP+ALB+BUN+Ca+AST+NEFA;0.734, 262.541, 1+TP+ALB+BUN+Ca+AST+gGT;0.745, 257.895, 1+TP+ALB+BUN+Ca+AST+ALT

[0149] [4 1 1 . 産次項を加えることで診断精度が向上する式（アミノ酸＋生化学2変数）]

0.751, 250.928, 1+Lys+ALB;0.748, 251.463, 1+Trp+ALB;0.746, 251.928, 1+ALB+Orn;0.743, 252.614, 1+Arg+ALB;0.736, 256.166, 1+Phe+ALB;0.733, 255.023, 1+ALB+Val;0.731, 254.610, 1+ALB+ALT;0.730, 257.214, 1+Thr+ALB;0.730, 256.539, 1+ALB+Cit;0.729, 257.132, 1+ALB+BUN;0.729, 259.247, 1+ALB+AST;0.728, 256.102, 1+ALB+BCAA;0.728, 257.315, 1+ALB+Pro;0.726, 259.148, 1+ALB+NEFA;0.726, 256.753, 1+ALB+Leu;0.724, 257.277, 1+ALB+Tyr;0.723, 258.818, 1+ALB+Met;0.723, 259.905, 1+ALB+Gly;0.722, 258.383, 1+ALB+Ile;0.720, 259.937, 1+ALB+3MeHis;0.718, 260.087, 1+ALB+T-BIL;0.717, 256.888, 1+ALB+Asp;0.716, 261.875, 1+ALB+gGT;0.716, 261.000, 1+ALB+Gln;0.714, 261.615, 1+ALB+His;0.713, 261.534, 1+ALB+Ser;0.713, 262.083, 1+ALB+BHBA;0.711, 262.141, 1+ALB+Ca;0.707, 262.2

75, 1+ALB+Glc

[0150] [4 1 2. 産次項を加えることで診断精度が向上する式（アミノ酸＋生化学
3変数）]

0.766, 248.802, 1+ALB+Cit+Trp; 0.765, 247.923, 1+Lys+ALB+BUN; 0.764, 248.646
, 1+ALB+BUN+Trp; 0.759, 247.974, 1+Arg+ALT+ALB; 0.759, 247.457, 1+ALB+ALT+Ly
s; 0.757, 252.122, 1+ALB+Cys+Lys; 0.757, 250.503, 1+ALB+Lys+Trp; 0.757, 250.6
72, 1+ALB+3MeHis+Lys; 0.756, 250.224, 1+ALB+AST+Lys; 0.756, 249.022, 1+ALB+A
LT+Orn; 0.756, 250.642, 1+ALB+AST+Orn; 0.756, 250.202, 1+Trp+AST+ALB; 0.756,
251.172, 1+ALB+BUN+Phe; 0.756, 252.160, 1+Gly+Trp+ALB; 0.755, 250.883, 1+ALB
+Orn+Trp; 0.755, 251.288, 1+ALB+NEFA+Lys; 0.755, 251.184, 1+ALB+BUN+Orn; 0.7
54, 250.863, 1+ALB+Arg+Trp; 0.754, 251.609, 1+Lys+His+ALB; 0.754, 251.897, 1+
ALB+Orn+Lys; 0.753, 255.172, 1+Gly+Phe+ALB; 0.752, 252.805, 1+ALB+Phe+Trp; 0
.752, 251.356, 1+Lys+TCHO+ALB; 0.752, 251.446, 1+ALB+AST+Arg; 0.752, 252.955
, 1+Trp+Glc+ALB; 0.752, 252.970, 1+Ala+Trp+ALB; 0.752, 251.464, 1+ALB+BUN+Ar
g; 0.751, 252.904, 1+Lys+ALB+TP; 0.751, 251.848, 1+Arg+Lys+ALB; 0.751, 253.07
7, 1+ALB+Orn+Phe; 0.751, 252.454, 1+Lys+Glc+ALB; 0.751, 252.751, 1+Lys+TG+AL
B; 0.751, 252.928, 1+Lys+Tyr+ALB; 0.751, 252.928, 1+Ala+Lys+ALB; 0.751, 252.7
57, 1+Lys+gGT+ALB; 0.750, 250.939, 1+ALB+Asp+Lys; 0.750, 252.897, 1+ALB+Lys+
Phe; 0.750, 252.905, 1+Lys+Thr+ALB; 0.750, 252.910, 1+BCAA+Lys+ALB; 0.750, 25
2.927, 1+Trp+His+ALB; 0.750, 252.528, 1+ALB+3MeHis+Orn; 0.750, 251.740, 1+AL
B+3MeHis+Arg; 0.750, 252.842, 1+ALB+Lys+Val; 0.749, 250.838, 1+ALB+Asp+Trp;
0.749, 252.958, 1+ALB+Val+Trp; 0.749, 253.367, 1+Trp+ALB+TP; 0.749, 252.826,
1+Lys+ALB+Ca; 0.749, 252.335, 1+Trp+TCHO+ALB; 0.749, 252.885, 1+ALB+3MeHis+
Trp; 0.749, 252.841, 1+Lys+ALB+BHBA; 0.749, 252.798, 1+ALB+Arg+Orn; 0.749, 25
3.298, 1+ALB+NEFA+Trp; 0.748, 253.430, 1+Trp+Thr+ALB; 0.748, 253.463, 1+Trp+
ALB+BHBA; 0.748, 253.312, 1+ALB+NEFA+Orn; 0.748, 253.176, 1+Arg+ALB+NEFA; 0.
748, 253.394, 1+ALB+Tyr+Trp; 0.748, 253.359, 1+Trp+gGT+ALB; 0.747, 253.876, 1
+Thr+ALB+BUN; 0.747, 253.425, 1+Trp+TG+ALB; 0.746, 255.377, 1+Phe+ALB+NEFA;

0.746, 253.580, 1+Arg+His+ALB; 0.746, 253.369, 1+Trp+ALB+Ca; 0.746, 251.782, 1+BCAA+ALT+ALB; 0.746, 252.568, 1+Arg+TCHO+ALB; 0.746, 253.940, 1+Arg+gGT+ALB; 0.745, 252.538, 1+ALB+BUN+ALT; 0.745, 255.200, 1+ALB+3MeHis+Phe; 0.744, 253.712, 1+ALB+Orn+Val; 0.744, 252.413, 1+ALB+Asp+Orn; 0.744, 253.841, 1+ALB+Orn+Tyr; 0.744, 256.915, 1+Gly+Thr+ALB; 0.743, 253.271, 1+ALB+BUN+Val; 0.743, 254.502, 1+Arg+ALB+TP; 0.743, 254.187, 1+ALB+Arg+Phe; 0.743, 254.051, 1+Arg+Thr+ALB; 0.743, 253.922, 1+BCAA+ALB+BUN; 0.743, 254.520, 1+Arg+Glc+ALB; 0.743, 254.614, 1+Arg+Tyr+ALB; 0.743, 254.614, 1+Arg+ALB+BHBA; 0.742, 254.594, 1+Arg+TG+ALB; 0.742, 255.191, 1+Phe+AST+ALB; 0.742, 254.525, 1+Ala+Arg+ALB; 0.742, 254.500, 1+Arg+ALB+Ca; 0.742, 253.589, 1+ALB+Arg+Val; 0.741, 254.230, 1+ALB+AST+Val; 0.741, 254.291, 1+Tyr+ALB+BUN; 0.740, 253.554, 1+ALB+Arg+Asp; 0.740, 256.093, 1+Thr+AST+ALB; 0.740, 257.408, 1+ALB+AST+NEFA; 0.740, 254.253, 1+BCAA+Arg+ALB; 0.739, 255.195, 1+BCAA+AST+ALB; 0.738, 251.157, 1+ALB+ALT+Asp; 0.738, 258.458, 1+Gly+AST+ALB; 0.738, 256.311, 1+ALB+Val+Phe; 0.738, 257.677, 1+Phe+His+ALB; 0.737, 258.007, 1+Phe+Glc+ALB; 0.737, 253.422, 1+ALB+BUN+Asp; 0.737, 256.736, 1+Gly+BCAA+ALB; 0.737, 256.229, 1+ALB+NEFA+Val; 0.736, 254.128, 1+ALB+Asp+Val; 0.736, 257.476, 1+Thr+Phe+ALB; 0.736, 257.949, 1+Ala+Phe+ALB; 0.736, 257.933, 1+Phe+TG+ALB; 0.736, 258.073, 1+Ala+Gly+ALB; 0.736, 256.025, 1+Phe+TCHO+ALB; 0.736, 257.014, 1+ALB+BUN+NEFA; 0.736, 255.661, 1+His+ALT+ALB; 0.736, 257.427, 1+Thr+ALB+NEFA; 0.736, 257.231, 1+BCAA+Phe+ALB; 0.736, 256.252, 1+ALB+AST+Tyr; 0.735, 258.073, 1+Phe+ALB+TP; 0.735, 257.415, 1+Gly+Tyr+ALB; 0.735, 256.239, 1+ALB+3MeHis+Val; 0.735, 257.963, 1+Phe+ALB+BHBA; 0.735, 257.897, 1+ALB+Tyr+Phe; 0.735, 255.954, 1+ALB+AST+ALT; 0.734, 256.903, 1+BCAA+ALB+NEFA; 0.734, 255.699, 1+ALB+ALT+NEFA; 0.734, 258.068, 1+Phe+ALB+Ca; 0.734, 255.791, 1+ALB+AST+Asp; 0.734, 257.811, 1+Phe+gGT+ALB; 0.733, 255.498, 1+Gly+ALT+ALB; 0.733, 255.585, 1+ALB+Asp+Phe; 0.733, 257.163, 1+BCAA+His+ALB; 0.733, 257.942, 1+Gly+ALB+BUN; 0.733, 256.798, 1+ALB+BUN+AST; 0.732, 255.771, 1+ALB+ALT+3MeHis; 0.732, 258.521, 1+Thr+Glc+ALB; 0.731, 25

7.725, 1+ALB+BUN+3MeHis;0.731, 256.871, 1+ALB+Tyr+Val;0.731, 257.115, 1+ALB+3MeHis+Tyr;0.731, 258.965, 1+ALB+AST+3MeHis;0.731, 256.106, 1+BCAA+TCHO+ALB;0.730, 258.780, 1+Thr+gGT+ALB;0.730, 259.168, 1+Thr+ALB+BHBA;0.730, 257.987, 1+ALB+NEFA+Tyr;0.730, 259.915, 1+His+AST+ALB;0.730, 257.870, 1+Thr+TCHO+ALB;0.730, 258.898, 1+Thr+His+ALB;0.730, 259.151, 1+Thr+ALB+TP;0.730, 258.553, 1+His+ALB+BUN;0.730, 259.064, 1+Ala+AST+ALB;0.730, 257.777, 1+BCAA+Thr+ALB;0.730, 257.823, 1+BCAA+Glc+ALB;0.729, 257.851, 1+Ala+BCAA+ALB;0.729, 253.873, 1+ALB+3MeHis+Asp;0.728, 257.885, 1+BCAA+Tyr+ALB;0.728, 259.108, 1+Thr+ALB+Ca;0.728, 258.814, 1+Thr+TG+ALB;0.728, 257.839, 1+BCAA+ALB+BHBA;0.728, 258.192, 1+Thr+Tyr+ALB;0.728, 258.066, 1+BCAA+ALB+TP;0.728, 256.142, 1+ALB+NEFA+Asp;0.728, 257.847, 1+BCAA+gGT+ALB;0.727, 261.166, 1+Gly+His+ALB;0.727, 258.024, 1+BCAA+ALB+Ca;0.727, 257.975, 1+BCAA+TG+ALB;0.726, 260.773, 1+Gly+ALB+NEFA;0.725, 259.215, 1+Tyr+Glc+ALB;0.725, 259.030, 1+Ala+Tyr+ALB;0.725, 260.931, 1+His+ALB+NEFA;0.725, 260.412, 1+ALB+NEFA+3MeHis;0.725, 261.822, 1+Gly+ALB+TP;0.724, 256.804, 1+Tyr+TCHO+ALB;0.724, 261.763, 1+Gly+Glc+ALB;0.724, 259.212, 1+Tyr+ALB+TP;0.724, 258.970, 1+Tyr+gGT+ALB;0.724, 256.803, 1+ALB+Asp+Tyr;0.724, 261.628, 1+Gly+gGT+ALB;0.723, 259.063, 1+Tyr+His+ALB;0.723, 259.223, 1+Tyr+TG+ALB;0.723, 261.768, 1+Gly+TG+ALB;0.723, 261.705, 1+Gly+ALB+BHBA;0.722, 259.180, 1+Tyr+ALB+BHBA;0.722, 259.183, 1+Tyr+ALB+Ca;0.721, 261.715, 1+Gly+ALB+Ca;0.721, 259.584, 1+Gly+TCHO+ALB;0.720, 263.048, 1+His+gGT+ALB;0.719, 261.445, 1+Ala+gGT+ALB;0.717, 261.466, 1+His+TCHO+ALB;0.717, 260.175, 1+Ala+TCHO+ALB;0.715, 263.435, 1+His+ALB+TP;0.714, 263.507, 1+His+Glc+ALB;0.714, 261.737, 1+Ala+ALB+TP;0.714, 263.206, 1+His+TG+ALB;0.714, 263.439, 1+His+ALB+BHBA;0.713, 263.421, 1+His+ALB+Ca

[0151] [413. 産次項を加えることで診断精度が向上する式（アミノ酸＋生化学4変数）]

0.771, 247.738, 1+ALB+BUN+Lys+Trp;0.770, 247.390, 1+ALB+BUN+ALT+Trp;0.770

, 248.325, 1+ALB+BUN+His+Lys; 0.770, 249.074, 1+ALB+BUN+Lys+Ile; 0.769, 249.248, 1+ALB+BUN+Phe+Trp; 0.769, 249.244, 1+Ala+Trp+ALB+BUN; 0.768, 245.692, 1+ALB+BUN+ALT+Lys; 0.768, 248.927, 1+Gly+Lys+ALB+BUN; 0.767, 247.744, 1+ALB+BUN+Asp+Trp; 0.767, 249.512, 1+ALB+BUN+Lys+Phe; 0.767, 248.133, 1+Trp+Arg+ALT+ALB; 0.767, 248.133, 1+ALB+ALT+Arg+Trp; 0.767, 247.638, 1+ALB+BUN+Asp+Lys; 0.766, 248.645, 1+ALB+BUN+3MeHis+Lys; 0.766, 249.064, 1+ALB+BUN+NEFA+Lys; 0.766, 249.156, 1+ALB+BUN+Arg+Trp; 0.766, 249.030, 1+ALB+BUN+T-BIL+Lys; 0.766, 249.916, 1+ALB+BUN+Lys+Val; 0.766, 247.745, 1+ALB+BUN+ALT+Arg; 0.766, 249.689, 1+Ala+Lys+ALB+BUN; 0.766, 248.949, 1+Lys+TCHO+ALB+BUN; 0.766, 249.982, 1+Trp+His+ALB+BUN; 0.766, 249.594, 1+Gly+Lys+AST+ALB; 0.765, 249.087, 1+ALB+ALT+Orn+Trp; 0.765, 249.632, 1+ALB+BUN+Arg+Lys; 0.765, 249.760, 1+BCAA+Lys+ALB+BUN; 0.765, 250.424, 1+Trp+Glc+ALB+BUN; 0.765, 250.181, 1+Gly+Trp+ALB+BUN; 0.765, 250.425, 1+Trp+ALB+BUN+TP; 0.765, 249.933, 1+Trp+TCHO+ALB+BUN; 0.765, 249.919, 1+ALB+BUN+Lys+Tyr; 0.765, 248.419, 1+Gly+Lys+ALT+ALB; 0.765, 249.803, 1+ALB+BUN+Orn+Lys; 0.765, 249.914, 1+ALB+BUN+Thr+Lys; 0.765, 248.448, 1+ALB+BUN+AST+Trp; 0.764, 250.342, 1+Trp+Lys+His+ALB; 0.764, 249.738, 1+ALB+BUN+BHBA+Lys; 0.764, 250.600, 1+ALB+BUN+Tyr+Trp; 0.764, 250.298, 1+Gly+Phe+ALT+ALB; 0.764, 250.641, 1+Trp+TG+ALB+BUN; 0.764, 248.598, 1+Gly+Arg+ALT+ALB; 0.764, 250.843, 1+Gly+Trp+Lys+ALB; 0.764, 249.873, 1+Gly+Arg+AST+ALB; 0.764, 249.425, 1+ALB+BUN+Orn+Trp; 0.764, 250.593, 1+Trp+Thr+ALB+BUN; 0.764, 252.477, 1+Gly+BCAA+Lys+ALB; 0.764, 248.178, 1+ALB+BUN+AST+Lys; 0.764, 248.243, 1+ALB+ALT+Lys+Trp; 0.764, 249.893, 1+Lys+TG+ALB+BUN; 0.763, 251.074, 1+ALB+BUN+Orn+Phe; 0.763, 249.691, 1+ALB+BUN+Glc+Lys; 0.763, 249.867, 1+ALB+BUN+gGT+Lys; 0.763, 250.597, 1+Trp+ALB+BUN+BHBA; 0.763, 249.812, 1+Lys+ALB+BUN+TP; 0.763, 250.636, 1+Trp+ALB+BUN+NEFA; 0.763, 249.834, 1+ALB+BUN+Ca+Lys; 0.763, 250.622, 1+Trp+gGT+ALB+BUN; 0.763, 251.423, 1+Gly+Lys+His+ALB; 0.763, 250.443, 1+ALB+BUN+3MeHis+Trp; 0.763, 249.748, 1+ALB+ALT+Arg+Ile; 0.763, 250.633, 1+BCAA+Trp+ALB+BUN; 0.763, 251.750, 1+Gly+Phe+ALB+BUN; 0.763

, 250.549, 1+ALB+BUN+Val+Trp; 0.763, 250.553, 1+Trp+ALB+BUN+Ca; 0.763, 250.58, 1+Gly+Trp+Arg+ALB; 0.763, 250.898, 1+Trp+Glc+ALT+ALB; 0.762, 248.594, 1+ALB+ALT+3MeHis+Lys; 0.762, 252.155, 1+Gly+Lys+Glc+ALB; 0.762, 252.459, 1+Ala+Gly+Lys+ALB; 0.762, 250.499, 1+Trp+Arg+His+ALB; 0.762, 251.990, 1+Phe+His+ALB+BUN; 0.762, 249.709, 1+ALB+AST+Lys+Trp; 0.762, 248.185, 1+ALB+ALT+Arg+Lys; 0.762, 252.910, 1+Ala+Gly+Trp+ALB; 0.762, 249.674, 1+ALB+AST+Arg+Trp; 0.762, 249.051, 1+ALB+AST+ALT+Arg; 0.762, 250.619, 1+Gly+Trp+AST+ALB; 0.762, 251.475, 1+ALB+BUN+3MeHis+Phe; 0.762, 248.983, 1+ALB+ALT+Lys+Phe; 0.762, 252.579, 1+Gly+Lys+Phe+ALB; 0.762, 248.965, 1+ALB+ALT+Orn+Lys; 0.761, 248.678, 1+ALB+ALT+His+Lys; 0.761, 252.676, 1+Gly+Lys+Tyr+ALB; 0.761, 253.118, 1+Gly+Trp+Phe+ALB; 0.761, 249.293, 1+ALB+ALT+Arg+Orn; 0.761, 248.949, 1+ALB+ALT+3MeHis+Arg; 0.761, 250.201, 1+ALB+AST+NEFA+Lys; 0.761, 251.694, 1+ALB+BUN+NEFA+Phe; 0.761, 251.228, 1+Gly+Arg+Lys+ALB; 0.761, 248.604, 1+ALB+ALT+Lys+Ile; 0.761, 252.672, 1+Gly+Lys+Thr+ALB; 0.761, 249.586, 1+ALB+AST+Orn+Trp; 0.761, 251.821, 1+Arg+Phe+ALB+BUN; 0.761, 248.838, 1+ALB+BUN+ALT+Orn; 0.761, 249.165, 1+ALB+ALT+NEFA+Lys; 0.761, 251.084, 1+Trp+Thr+ALT+ALB; 0.760, 251.850, 1+BCAA+Trp+Lys+ALB; 0.760, 252.129, 1+Trp+Lys+Tyr+ALB; 0.760, 250.813, 1+Gly+Lys+TCHO+ALB; 0.760, 251.265, 1+Trp+ALT+gGT+ALB; 0.760, 250.774, 1+ALB+ALT+Val+Trp; 0.760, 249.305, 1+Arg+TCHO+ALT+ALB; 0.760, 249.853, 1+ALB+ALT+NEFA+Arg; 0.760, 249.833, 1+ALB+ALT+gGT+Arg; 0.760, 252.616, 1+Gly+Lys+ALB+TP; 0.760, 249.970, 1+ALB+ALT+Arg+Tyr; 0.760, 250.967, 1+BCAA+Trp+ALT+ALB; 0.760, 248.783, 1+Lys+TCHO+ALT+ALB; 0.760, 250.636, 1+Gly+Trp+ALT+ALB; 0.760, 251.311, 1+ALB+3MeHis+Lys+Trp; 0.760, 249.137, 1+ALB+ALT+Glc+Lys; 0.760, 249.004, 1+ALB+3MeHis+Asp+Lys; 0.760, 249.952, 1+Arg+ALT+ALB+TP; 0.760, 251.248, 1+Trp+TG+ALT+ALB; 0.760, 251.867, 1+Trp+Lys+Thr+ALB; 0.760, 249.257, 1+ALB+ALT+His+Arg; 0.760, 251.260, 1+Trp+ALT+ALB+BHBA; 0.760, 249.966, 1+ALB+ALT+BHBA+Arg; 0.760, 252.693, 1+Gly+Lys+TG+ALB; 0.760, 252.869, 1+Thr+Phe+ALB+BUN; 0.760, 247.164, 1+ALB+ALT+Asp+Lys; 0.759, 249.974, 1+ALB+ALT+T-BI

L+Arg;0.759,251.933,1+Trp+Lys+Glc+ALB;0.759,249.380,1+ALB+ALT+T-BIL+Lys;0.759,251.457,1+ALB+AST+His+Lys;0.759,251.250,1+Trp+ALT+ALB+NEFA;0.759,249.610,1+ALB+ALT+Arg+Val;0.759,251.099,1+Trp+His+ALT+ALB;0.759,250.021,1+ALB+ALT+His+Orn;0.759,249.940,1+Ala+Arg+ALT+ALB;0.759,253.626,1+Gly+Trp+Glc+ALB;0.759,252.466,1+ALB+AST+Orn+Ile;0.759,252.533,1+Ala+Phe+ALB+BUN;0.759,250.984,1+Trp+Tyr+ALT+ALB;0.759,252.658,1+Gly+Lys+ALB+BHBA;0.759,251.392,1+Lys+His+ALB+NEFA;0.759,249.907,1+ALB+ALT+Glc+Arg;0.759,251.568,1+Arg+Lys+His+ALB;0.759,251.312,1+ALB+AST+His+Orn;0.759,249.401,1+ALB+ALT+BHBA+Lys;0.759,249.453,1+Ala+Lys+ALT+ALB;0.759,249.941,1+Trp+ALT+AST+ALB;0.759,251.470,1+Trp+Arg+TCHO+ALB;0.759,248.170,1+ALB+ALT+Asp+Trp;0.759,252.468,1+Gly+Lys+ALB+NEFA;0.759,252.636,1+Gly+Lys+gGT+ALB;0.759,249.450,1+Lys+TG+ALT+ALB;0.759,249.453,1+ALB+ALT+Lys+Val;0.759,248.647,1+ALB+ALT+Arg+Asp;0.759,251.900,1+Trp+Arg+Lys+ALB;0.759,251.832,1+Phe+TCHO+ALB+BUN;0.759,251.024,1+ALB+AST+Arg+Lys;0.759,250.694,1+Trp+TCHO+ALT+ALB;0.759,249.446,1+ALB+ALT+Lys+Tyr;0.759,249.879,1+Arg+TG+ALT+ALB;0.758,249.866,1+BCAA+Arg+ALT+ALB;0.758,249.456,1+ALB+ALT+Thr+Lys;0.758,251.007,1+ALB+AST+Orn+Lys;0.758,251.306,1+ALB+3MeHis+Arg+Lys;0.758,252.346,1+Trp+Lys+ALB+TP;0.758,251.429,1+ALB+AST+Lys+Ile;0.758,252.892,1+Ala+Gly+Arg+ALB;0.758,252.071,1+ALB+AST+T-BIL+Orn;0.758,252.570,1+Gly+Lys+ALB+Ca;0.758,254.027,1+Gly+Trp+ALB+NEFA;0.758,249.452,1+ALB+ALT+gGT+Lys;0.758,251.667,1+ALB+AST+NEFA+Orn;0.758,248.626,1+ALB+AST+ALT+Lys;0.758,251.316,1+Trp+Lys+TCHO+ALB;0.758,249.867,1+ALB+Ca+ALT+Arg;0.758,251.228,1+Trp+ALT+ALB+Ca;0.758,254.013,1+Gly+Trp+ALB+TP;0.758,250.237,1+ALB+AST+3MeHis+Lys;0.758,252.032,1+Trp+Lys+ALB+NEFA;0.758,250.984,1+ALB+AST+T-BIL+Lys;0.758,249.417,1+BCAA+Lys+ALT+ALB;0.758,251.655,1+Ala+Trp+AST+ALB;0.758,251.746,1+Trp+Glc+AST+ALB;0.758,252.053,1+ALB+3MeHis+Orn+Lys;0.758,252.498,1+Trp+Lys+ALB+BHBA;0.758,251.566,1+ALB+AST+Arg+Orn;0.757,251.215,1

+Phe+AST+ALB+BUN;0.757,252.483,1+ALB+AST+Thr+Orn;0.757,250.609,1+ALB+ALT+3MeHis+Orn;0.757,252.968,1+Gly+Arg+Phe+ALB;0.757,251.985,1+Trp+AST+ALB+TP;0.757,253.121,1+Phe+Glc+ALB+BUN;0.757,253.245,1+Lys+Phe+His+ALB;0.757,250.743,1+ALB+BUN+AST+Orn;0.757,252.523,1+Trp+Arg+Glc+ALB;0.757,252.193,1+ALB+AST+Lys+Phe;0.757,251.509,1+Lys+TCHO+ALB+NEFA;0.757,252.542,1+ALB+3MeHis+Lys+Phe;0.757,252.500,1+Ala+Trp+Lys+ALB;0.757,252.135,1+Lys+AST+ALB+TP;0.757,251.379,1+Lys+TCHO+AST+ALB;0.757,256.297,1+Ala+Gly+Phe+ALB;0.757,252.392,1+ALB+AST+Glc+Orn;0.757,252.478,1+Trp+Lys+Phe+ALB;0.757,251.127,1+Arg+AST+ALB+BUN;0.757,252.632,1+ALB+AST+BHBA+Orn;0.757,251.462,1+Arg+AST+ALB+NEFA;0.756,250.460,1+ALB+BUN+ALT+Val;0.756,252.146,1+Lys+TG+AST+ALB;0.756,251.980,1+Trp+His+AST+ALB;0.756,252.223,1+Ala+Lys+AST+ALB;0.756,249.420,1+ALB+Ca+ALT+Lys;0.756,254.085,1+Gly+Trp+Thr+ALB;0.756,251.968,1+ALB+AST+Orn+Phe;0.756,249.779,1+ALB+AST+ALT+Orn;0.756,249.011,1+ALB+ALT+Asp+Orn;0.756,252.451,1+Trp+Lys+TG+ALB;0.756,252.751,1+Lys+Glc+ALB+NEFA;0.756,252.624,1+ALB+AST+gGT+Orn;0.756,252.163,1+Trp+AST+ALB+BHBA;0.756,253.134,1+BCAA+Phe+ALB+BUN;0.756,254.154,1+Gly+Trp+TG+ALB;0.756,253.049,1+BCAA+Lys+ALB+NEFA;0.756,252.164,1+ALB+AST+Lys+Val;0.756,253.168,1+Phe+ALB+BUN+TP;0.756,250.751,1+ALB+ALT+Thr+Orn;0.756,254.082,1+Gly+BCAA+Trp+ALB;0.756,254.153,1+Gly+Trp+ALB+BHBA;0.756,253.487,1+Lys+His+ALB+TP;0.756,253.536,1+Lys+Thr+His+ALB;0.756,251.828,1+Trp+AST+ALB+NEFA;0.756,251.451,1+ALB+AST+3MeHis+Orn;0.756,252.199,1+BCAA+Lys+AST+ALB;0.756,252.223,1+Lys+Tyr+AST+ALB;0.756,253.151,1+Phe+TG+ALB+BUN;0.756,252.438,1+Trp+Lys+gGT+ALB;0.756,252.202,1+Trp+TG+AST+ALB;0.756,251.178,1+Gly+Arg+TCHO+ALB;0.756,254.506,1+Ala+Trp+Glc+ALB;0.756,251.725,1+Trp+Phe+AST+ALB;0.756,253.809,1+Ala+Trp+His+ALB;0.756,252.176,1+Trp+Thr+AST+ALB;0.756,253.172,1+Phe+Tyr+ALB+BUN;0.756,253.516,1+Ala+Lys+His+ALB;0.756,253.773,1+Gly+Phe+AST+ALB;0.755,252.208,1+Lys+Thr+AST+ALB;0.755,253.276

, 1+Lys+TG+ALB+NEFA;0.755, 252.832, 1+Ala+Trp+Arg+ALB;0.755, 253.160, 1+Lys+ALB+TP+NEFA;0.755, 252.068, 1+ALB+AST+BHBA+Lys;0.755, 253.443, 1+BCAA+Lys+His+ALB;0.755, 251.644, 1+Trp+TCHO+AST+ALB;0.755, 252.508, 1+Arg+Lys+ALB+NEFA;0.755, 252.983, 1+Phe+gGT+ALB+BUN;0.755, 252.500, 1+Arg+Thr+ALB+BUN;0.755, 252.192, 1+Lys+AST+gGT+ALB;0.755, 251.566, 1+Gly+Arg+ALB+BUN;0.755, 253.238, 1+Lys+ALB+NEFA+BHBA;0.755, 253.398, 1+Gly+Arg+TG+ALB;0.755, 253.100, 1+Gly+Arg+Thr+ALB;0.755, 252.920, 1+Lys+His+Glc+ALB;0.755, 254.120, 1+Gly+Trp+gGT+ALB;0.755, 252.709, 1+BCAA+Trp+Arg+ALB;0.755, 251.729, 1+Lys+Glc+AST+ALB;0.755, 252.154, 1+Trp+Tyr+AST+ALB;0.755, 254.061, 1+Gly+Trp+ALB+Ca;0.755, 250.151, 1+ALB+AST+Asp+Lys;0.755, 252.086, 1+Trp+AST+gGT+ALB;0.755, 250.631, 1+BCAA+ALT+ALB+BUN;0.755, 254.618, 1+Ala+Trp+Phe+ALB;0.755, 252.770, 1+Trp+Arg+Thr+ALB;0.755, 252.349, 1+Trp+Lys+ALB+Ca;0.755, 252.612, 1+ALB+Ca+AST+Orn;0.754, 252.841, 1+Trp+Arg+ALB+TP;0.754, 252.107, 1+BCAA+Trp+AST+ALB;0.754, 253.275, 1+Ala+Lys+ALB+NEFA;0.754, 252.124, 1+Trp+AST+ALB+Ca;0.754, 253.478, 1+Trp+Glc+TCHO+ALB;0.754, 253.195, 1+Lys+Thr+ALB+NEFA;0.754, 253.793, 1+Ala+Trp+TCHO+ALB;0.754, 252.044, 1+Arg+TCHO+ALB+BUN;0.754, 252.863, 1+Trp+Arg+TG+ALB;0.754, 252.611, 1+Trp+Arg+gGT+ALB;0.754, 252.435, 1+Lys+Glc+TCHO+ALB;0.754, 252.817, 1+Ala+Arg+ALB+BUN;0.754, 252.129, 1+Lys+AST+ALB+Ca;0.754, 253.235, 1+Lys+gGT+ALB+NEFA;0.754, 252.780, 1+Gly+Trp+TCHO+ALB;0.753, 253.028, 1+Arg+gGT+ALB+BUN;0.753, 253.140, 1+Gly+Arg+gGT+ALB;0.753, 254.733, 1+Ala+Trp+ALB+NEFA;0.753, 253.352, 1+Gly+Arg+Glc+ALB;0.753, 253.480, 1+Gly+BCAA+Arg+ALB;0.753, 252.121, 1+Arg+Lys+TCHO+ALB;0.753, 253.679, 1+BCAA+Arg+Lys+ALB;0.753, 253.391, 1+Arg+AST+ALB+TP;0.753, 252.396, 1+Arg+TCHO+AST+ALB;0.753, 253.491, 1+Lys+His+gGT+ALB;0.753, 253.420, 1+Arg+AST+gGT+ALB;0.753, 254.803, 1+BCAA+Trp+Glc+ALB;0.753, 253.445, 1+Arg+TG+AST+ALB;0.752, 253.259, 1+Lys+Thr+TCHO+ALB;0.752, 253.348, 1+BCAA+Lys+TCHO+ALB;0.752, 253.402, 1+Arg+AST+ALB+BHBA;0.752, 252.918, 1+Arg+Thr+AST+ALB;0.752, 253.330, 1+Lys+TCHO+ALB+TP;0.752, 25

3. 539, 1+Arg+Lys+Glc+ALB;0.752, 253.800, 1+Arg+Lys+Thr+ALB;0.752, 254.762, 1+Trp+Glc+ALB+NEFA;0.752, 253.354, 1+Ala+Arg+AST+ALB;0.752, 254.902, 1+Trp+Glc+ALB+TP;0.752, 254.847, 1+Trp+Thr+Glc+ALB;0.752, 254.969, 1+Ala+Trp+Tyr+ALB;0.752, 254.694, 1+Lys+gGT+ALB+TP;0.752, 254.936, 1+Ala+Trp+ALB+TP;0.752, 253.453, 1+Arg+Glc+ALB+BUN;0.752, 253.463, 1+Arg+TG+ALB+BUN;0.752, 254.935, 1+Ala+BCAA+Trp+ALB;0.752, 254.317, 1+Lys+Glc+TG+ALB;0.752, 254.969, 1+Ala+Trp+ALB+BHBA;0.752, 253.381, 1+Arg+Glc+AST+ALB;0.752, 254.445, 1+Lys+Glc+ALB+TP;0.752, 254.963, 1+Ala+Trp+Thr+ALB;0.752, 253.355, 1+Ala+Lys+TCHO+ALB;0.752, 254.627, 1+Lys+TG+gGT+ALB;0.751, 254.879, 1+Lys+Phe+ALB+TP;0.751, 254.717, 1+BCAA+Lys+TG+ALB;0.751, 254.838, 1+BCAA+Lys+Phe+ALB;0.751, 254.898, 1+Trp+Glc+ALB+BHBA;0.751, 253.833, 1+Ala+Arg+Lys+ALB;0.751, 254.904, 1+Lys+Tyr+ALB+TP;0.751, 254.944, 1+Ala+Trp+TG+ALB;0.751, 253.542, 1+Arg+Lys+gGT+ALB;0.751, 254.867, 1+Gly+Thr+ALB+BUN;0.751, 253.152, 1+Lys+ALB+Ca+NEFA;0.751, 254.877, 1+Lys+Thr+ALB+TP;0.751, 254.884, 1+BCAA+Lys+ALB+TP;0.751, 254.903, 1+Ala+Lys+ALB+TP;0.751, 254.717, 1+Lys+TG+ALB+TP;0.751, 253.848, 1+Arg+Lys+ALB+TP;0.751, 254.736, 1+BCAA+Lys+gGT+ALB;0.751, 254.432, 1+BCAA+Lys+Glc+ALB;0.751, 253.305, 1+Lys+TCHO+gGT+ALB;0.751, 254.453, 1+Lys+Thr+Glc+ALB;0.751, 253.207, 1+BCAA+Arg+AST+ALB;0.751, 254.928, 1+Ala+Lys+Tyr+ALB;0.751, 254.851, 1+Ala+Trp+ALB+Ca;0.751, 254.754, 1+Ala+Lys+gGT+ALB;0.751, 254.229, 1+Lys+Glc+gGT+ALB;0.751, 254.444, 1+Ala+Lys+Glc+ALB;0.751, 254.055, 1+BCAA+Trp+TCHO+ALB;0.751, 254.904, 1+Ala+Lys+Thr+ALB;0.751, 254.924, 1+Trp+Glc+TG+ALB;0.751, 254.751, 1+Ala+Lys+TG+ALB;0.750, 254.910, 1+Ala+BCAA+Lys+ALB;0.750, 253.172, 1+Lys+TCHO+TG+ALB;0.750, 254.053, 1+Trp+TCHO+ALB+NEFA;0.750, 254.237, 1+Trp+TCHO+ALB+TP;0.750, 254.896, 1+Ala+Lys+Phe+ALB;0.750, 254.791, 1+Lys+ALB+TP+BHBA;0.750, 255.422, 1+Gly+Thr+AST+ALB;0.750, 254.891, 1+Trp+Glc+ALB+Ca;0.750, 253.788, 1+Arg+Lys+TG+ALB;0.750, 254.808, 1+Lys+ALB+TP+Ca;0.750, 254.740, 1+Lys+Thr+gGT+ALB;0.750, 254.809, 1+Ala

+Trp+gGT+ALB;0.750,254.901,1+BCAA+Lys+Thr+ALB;0.750,257.748,1+Ala+Gly+Thr+ALB;0.750,254.733,1+Lys+Thr+TG+ALB;0.750,255.257,1+Trp+ALB+NEFA+BHBA;0.749,255.065,1+Ala+Gly+ALB+BUN;0.749,254.844,1+Thr+ALB+BUN+NEFA;0.749,254.803,1+Trp+Glc+gGT+ALB;0.749,254.826,1+Ala+Lys+ALB+Ca;0.749,254.333,1+Trp+TCHO+ALB+BHBA;0.749,253.734,1+Thr+AST+ALB+BUN;0.749,254.310,1+Trp+TCHO+TG+ALB;0.749,255.297,1+Trp+TG+ALB+NEFA;0.749,255.319,1+Trp+TG+ALB+TP;0.749,254.841,1+Ala+Lys+ALB+BHBA;0.748,254.298,1+Trp+TCHO+gGT+ALB;0.748,255.177,1+Trp+ALB+TP+NEFA;0.748,255.472,1+Thr+Glc+ALB+BUN;0.748,255.364,1+Trp+ALB+TP+BHBA;0.748,254.220,1+Trp+TCHO+ALB+Ca;0.748,255.286,1+BCAA+Trp+Thr+ALB;0.748,255.282,1+Trp+ALB+TP+Ca;0.748,255.213,1+Trp+gGT+ALB+TP;0.748,255.201,1+Trp+ALB+Ca+NEFA;0.748,255.130,1+BCAA+Trp+ALB+NEFA;0.748,253.268,1+Gly+BCAA+ALT+ALB;0.748,255.288,1+BCAA+Trp+ALB+BHBA;0.748,255.217,1+Trp+gGT+ALB+NEFA;0.747,255.208,1+BCAA+Trp+ALB+TP;0.747,255.358,1+Trp+gGT+ALB+BHBA;0.747,255.194,1+BCAA+Trp+gGT+ALB;0.747,253.665,1+BCAA+ALT+ALB+NEFA;0.747,255.201,1+BCAA+Thr+ALB+BUN;0.747,253.626,1+BCAA+Glc+ALT+ALB;0.747,255.262,1+BCAA+Trp+TG+ALB;0.747,255.424,1+Trp+TG+ALB+BHBA;0.747,255.337,1+Trp+TG+gGT+ALB;0.747,252.952,1+BCAA+TCHO+ALT+ALB;0.746,255.497,1+Gly+BCAA+AST+ALB;0.746,253.777,1+BCAA+TG+ALT+ALB;0.746,253.636,1+BCAA+ALT+ALB+BHBA;0.746,255.190,1+BCAA+Trp+ALB+Ca;0.746,257.732,1+Ala+Gly+BCAA+ALB;0.746,255.696,1+Thr+TG+ALB+BUN;0.746,253.771,1+BCAA+ALT+gGT+ALB;0.746,255.369,1+Trp+ALB+Ca+BHBA;0.746,255.333,1+Trp+TG+ALB+Ca;0.746,255.026,1+Thr+TCHO+ALB+BUN;0.746,254.178,1+Gly+ALT+ALB+BUN;0.746,253.043,1+BCAA+ALT+AST+ALB;0.746,254.904,1+Ala+BCAA+ALB+BUN;0.745,255.260,1+Trp+gGT+ALB+Ca;0.745,255.640,1+Thr+gGT+ALB+BUN;0.745,256.539,1+Ala+Gly+AST+ALB;0.744,253.737,1+BCAA+ALT+ALB+Ca;0.744,253.804,1+BCAA+AST+ALB+BUN;0.744,255.352,1+Gly+BCAA+ALB+BUN;0.743,255.276,1+BCAA+ALB+BUN+NEFA;0.743,255.920,1+BCAA+ALB+BUN+TP;0.743,255.599,1+BCAA+AST+ALB+NEFA;0.742,

257.751, 1+Ala+Thr+AST+ALB;0.742, 255.511, 1+BCAA+ALB+BUN+BHBA;0.742, 255.791, 1+BCAA+Glc+ALB+BUN;0.741, 255.812, 1+BCAA+ALB+BUN+Ca;0.741, 255.899, 1+BCAA+TG+ALB+BUN;0.740, 257.366, 1+Gly+AST+ALB+BUN;0.740, 258.435, 1+Gly+BCAA+Glc+ALB;0.740, 257.299, 1+Ala+ALB+BUN+TP;0.739, 256.927, 1+Ala+BCAA+AST+ALB;0.739, 255.780, 1+BCAA+gGT+ALB+BUN;0.739, 256.295, 1+Ala+TCHO+ALB+BUN;0.739, 259.044, 1+Gly+AST+ALB+NEFA;0.739, 256.574, 1+Gly+ALT+AST+ALB;0.739, 254.536, 1+BCAA+TCHO+ALB+BUN;0.738, 260.144, 1+Gly+AST+ALB+BHBA;0.738, 258.494, 1+Gly+BCAA+ALB+NEFA;0.738, 257.192, 1+BCAA+AST+ALB+TP;0.738, 256.807, 1+BCAA+AST+ALB+BHBA;0.738, 257.184, 1+BCAA+AST+gGT+ALB;0.738, 260.335, 1+Gly+Glc+AST+ALB;0.738, 259.825, 1+Ala+Gly+ALB+TP;0.738, 260.424, 1+Gly+TG+AST+ALB;0.737, 260.437, 1+Gly+AST+gGT+ALB;0.737, 260.432, 1+Gly+AST+ALB+TP;0.737, 257.145, 1+BCAA+AST+ALB+Ca;0.737, 258.727, 1+Gly+BCAA+TG+ALB;0.737, 256.417, 1+Gly+BCAA+TCHO+ALB;0.737, 259.970, 1+Ala+Gly+Glc+ALB;0.737, 256.897, 1+BCAA+Glc+AST+ALB;0.737, 256.097, 1+BCAA+TCHO+AST+ALB;0.736, 258.724, 1+Gly+BCAA+ALB+TP;0.736, 256.664, 1+BCAA+TCHO+ALB+NEFA;0.736, 257.166, 1+BCAA+TG+AST+ALB;0.736, 260.069, 1+Ala+Gly+TG+ALB;0.736, 259.672, 1+Ala+Gly+gGT+ALB;0.736, 258.613, 1+BCAA+Glc+ALB+NEFA;0.735, 259.950, 1+Ala+Gly+ALB+BHBA;0.735, 257.327, 1+Gly+ALT+ALB+NEFA;0.735, 259.289, 1+Gly+TCHO+AST+ALB;0.735, 257.592, 1+Ala+Gly+TCHO+ALB;0.734, 258.588, 1+Gly+BCAA+gGT+ALB;0.734, 257.380, 1+Gly+ALT+ALB+BHBA;0.734, 259.996, 1+Ala+Gly+ALB+Ca;0.734, 258.895, 1+BCAA+TG+ALB+NEFA;0.734, 258.901, 1+BCAA+ALB+TP+NEFA;0.734, 257.471, 1+Gly+ALT+gGT+ALB;0.734, 258.897, 1+BCAA+ALB+NEFA+BHBA;0.734, 257.446, 1+Gly+Glc+ALT+ALB;0.734, 257.496, 1+Gly+TG+ALT+ALB;0.733, 256.708, 1+Gly+TCHO+ALT+ALB;0.733, 257.465, 1+Gly+ALT+ALB+TP;0.733, 258.828, 1+BCAA+ALB+Ca+NEFA;0.732, 259.895, 1+Gly+Glc+ALB+BUN;0.732, 258.696, 1+Ala+TCHO+ALB+NEFA;0.732, 258.769, 1+BCAA+gGT+ALB+NEFA;0.732, 257.429, 1+BCAA+Glc+TCHO+ALB;0.732, 257.868, 1+Ala+BCAA+TCHO+ALB;0.731, 258.004, 1+BCAA+TCHO+TG+ALB;0.731, 260.516, 1+Ala+AST+ALB+BHBA;0.731, 259

. 770, 1+Gly+gGT+ALB+BUN; 0. 730, 259. 861, 1+Gly+TG+ALB+BUN; 0. 730, 261. 003, 1+Ala+AST+gGT+ALB; 0. 730, 259. 768, 1+BCAA+Glc+ALB+TP; 0. 730, 259. 530, 1+Ala+BCAA+gGT+ALB; 0. 730, 258. 360, 1+Gly+TCHO+ALB+BUN; 0. 730, 259. 625, 1+Ala+BCAA+Glc+ALB; 0. 729, 259. 583, 1+Ala+BCAA+ALB+BHBA; 0. 729, 259. 733, 1+Ala+BCAA+TG+ALB; 0. 729, 261. 009, 1+Ala+Glc+AST+ALB; 0. 729, 258. 017, 1+BCAA+TCHO+gGT+ALB; 0. 729, 260. 001, 1+Ala+TCHO+AST+ALB; 0. 729, 260. 847, 1+Ala+TG+AST+ALB; 0. 729, 259. 722, 1+BCAA+Glc+TG+ALB; 0. 728, 260. 770, 1+Ala+AST+ALB+TP; 0. 728, 260. 988, 1+Ala+AST+ALB+Ca; 0. 728, 259. 515, 1+BCAA+Glc+gGT+ALB; 0. 727, 259. 769, 1+BCAA+TG+gGT+ALB; 0. 727, 259. 771, 1+Ala+BCAA+ALB+Ca; 0. 724, 263. 543, 1+Gly+TG+gGT+ALB; 0. 723, 263. 459, 1+Gly+Glc+gGT+ALB; 0. 723, 263. 639, 1+Gly+Glc+TG+ALB; 0. 721, 261. 509, 1+Gly+TCHO+gGT+ALB; 0. 721, 261. 126, 1+Gly+Glc+TCHO+ALB; 0. 720, 263. 217, 1+Ala+TG+gGT+ALB; 0. 720, 261. 797, 1+Ala+TCHO+gGT+ALB; 0. 719, 263. 334, 1+Ala+Glc+gGT+ALB; 0. 718, 261. 885, 1+Ala+Glc+TCHO+ALB; 0. 717, 261. 807, 1+Ala+TCHO+TG+ALB

[0152] [4 1 4 . 産次項を加えることで診断精度が向上する式 (アミノ酸+生化学5変数)]

0. 780, 246. 798, 1+ALB+BUN+ALT+Phe+Trp; 0. 779, 247. 356, 1+Trp+Lys+His+ALB+BUN; 0. 778, 248. 514, 1+BCAA+Trp+Lys+ALB+BUN; 0. 777, 247. 960, 1+Gly+Phe+ALT+ALB+BUN; 0. 775, 247. 451, 1+ALB+BUN+ALT+Arg+Trp; 0. 775, 249. 117, 1+Trp+Phe+His+ALB+BUN; 0. 775, 246. 510, 1+ALB+BUN+ALT+Lys+Trp; 0. 775, 249. 162, 1+ALB+BUN+Lys+Val+Trp; 0. 774, 247. 602, 1+ALB+BUN+ALT+Orn+Phe; 0. 774, 246. 621, 1+ALB+BUN+ALT+Lys+Phe; 0. 774, 250. 716, 1+ALB+BUN+Tyr+Phe+Trp; 0. 774, 249. 006, 1+Lys+Phe+His+ALB+BUN; 0. 774, 250. 656, 1+BCAA+Trp+Phe+ALB+BUN; 0. 774, 247. 568, 1+ALB+BUN+ALT+Arg+Phe; 0. 774, 249. 506, 1+Ala+Trp+His+ALB+BUN; 0. 773, 246. 829, 1+ALB+BUN+ALT+Lys+Ile; 0. 773, 249. 411, 1+Ala+Trp+Lys+ALB+BUN; 0. 773, 245. 948, 1+ALB+BUN+ALT+Asp+Trp; 0. 773, 250. 819, 1+BCAA+Lys+Phe+ALB+BUN; 0. 773, 247. 707, 1+ALB+BUN+Asp+Lys+Trp; 0. 773, 249. 227, 1+Trp+Lys+Thr+ALB+BUN; 0. 773, 248. 326, 1+ALB+BUN+ALT+Orn+Trp; 0. 773, 250. 577, 1+Ala+Trp+Phe+ALB+B

UN;0.773,249.330,1+ALB+BUN+Lys+Tyr+Trp;0.773,249.152,1+ALB+BUN+NEFA+His+Lys;0.773,246.714,1+ALB+BUN+ALT+His+Lys;0.773,250.523,1+Gly+Trp+Phe+ALB+BUN;0.773,249.077,1+Gly+Trp+Lys+ALB+BUN;0.772,249.168,1+ALB+BUN+3MeHis+Lys+Trp;0.772,249.649,1+ALB+BUN+Lys+Phe+Trp;0.772,248.932,1+ALB+BUN+T-BIL+His+Lys;0.772,250.546,1+Ala+Trp+Arg+ALB+BUN;0.772,249.407,1+Gly+Lys+His+ALB+BUN;0.772,249.454,1+Trp+Lys+Glc+ALB+BUN;0.772,249.418,1+Trp+Lys+ALB+BUN+TP;0.772,249.129,1+Trp+His+ALT+ALB+BUN;0.772,249.255,1+Trp+TG+ALT+ALB+BUN;0.772,249.865,1+ALB+BUN+T-BIL+Lys+Ile;0.772,251.223,1+ALB+BUN+Lys+Tyr+Phe;0.772,250.139,1+Ala+Gly+Trp+ALB+BUN;0.772,247.250,1+ALB+BUN+ALT+3MeHis+Lys;0.772,249.670,1+Ala+Lys+His+ALB+BUN;0.772,251.090,1+Trp+Phe+Glc+ALB+BUN;0.772,250.287,1+Ala+Gly+Lys+ALB+BUN;0.771,251.930,1+Phe+His+ALB+BUN+NEFA;0.771,250.408,1+Gly+Lys+Phe+ALB+BUN;0.771,250.166,1+ALB+BUN+Arg+Lys+Ile;0.771,249.737,1+Trp+Lys+TG+ALB+BUN;0.771,249.651,1+ALB+ALT+Arg+Tyr+Trp;0.771,251.107,1+Ala+BCAA+Trp+ALB+BUN;0.771,249.664,1+Trp+Lys+ALB+BUN+BHBA;0.771,249.998,1+Lys+His+ALB+BUN+TP;0.771,251.113,1+Trp+Thr+Phe+ALB+BUN;0.771,249.612,1+ALB+BUN+NEFA+Lys+Trp;0.771,247.348,1+Gly+Lys+ALT+ALB+BUN;0.771,249.235,1+Trp+Glc+ALT+ALB+BUN;0.771,250.202,1+ALB+BUN+His+Thr+Lys;0.771,251.117,1+Ala+Trp+Glc+ALB+BUN;0.771,249.738,1+ALB+BUN+Orn+Lys+Trp;0.771,249.934,1+ALB+BUN+Glc+His+Lys;0.771,248.543,1+Trp+Arg+His+ALT+ALB;0.771,249.202,1+Trp+Thr+ALT+ALB+BUN;0.771,249.647,1+ALB+BUN+Arg+Lys+Trp;0.771,250.739,1+ALB+BUN+Arg+Tyr+Trp;0.770,249.373,1+Trp+ALT+gGT+ALB+BUN;0.770,249.845,1+ALB+BUN+NEFA+Lys+Ile;0.770,249.240,1+ALB+BUN+ALT+NEFA+Trp;0.770,247.497,1+BCAA+Lys+ALT+ALB+BUN;0.770,249.011,1+Trp+Lys+TCHO+ALB+BUN;0.770,250.694,1+ALB+BUN+3MeHis+Phe+Trp;0.770,245.023,1+ALB+BUN+ALT+Asp+Lys;0.770,249.730,1+Trp+Lys+gGT+ALB+BUN;0.770,250.946,1+ALB+BUN+Thr+Lys+Ile;0.770,250.079,1+ALB+BUN+His+Lys+Ile;0.770,251.108,1+ALB+BUN+Val+Phe+Trp;0.770,251.107,1+ALB+BUN+NEFA+Phe+Trp;0.

770, 250.741, 1+ALB+BUN+Arg+Phe+Trp; 0.770, 249.287, 1+Gly+Trp+Arg+AST+ALB;
; 0.770, 251.335, 1+Gly+BCAA+Lys+AST+ALB; 0.770, 250.658, 1+ALB+BUN+Orn+Lys
+Ile; 0.770, 247.220, 1+ALB+BUN+ALT+Arg+Lys; 0.770, 247.521, 1+ALB+BUN+ALT+
BHBA+Lys; 0.770, 247.420, 1+Ala+Lys+ALT+ALB+BUN; 0.770, 247.960, 1+ALB+BUN+
AST+Lys+Trp; 0.770, 251.046, 1+ALB+BUN+gGT+Lys+Ile; 0.770, 249.483, 1+ALB+B
UN+His+Arg+Lys; 0.770, 247.672, 1+Lys+TG+ALT+ALB+BUN; 0.770, 247.548, 1+ALB
+BUN+ALT+T-BIL+Lys; 0.770, 249.131, 1+ALB+BUN+Asp+Phe+Trp; 0.770, 249.363,
1+Trp+ALT+ALB+BUN+BHBA; 0.770, 249.567, 1+ALB+BUN+His+Orn+Lys; 0.770, 248.
960, 1+ALB+BUN+AST+Arg+Trp; 0.770, 251.243, 1+Trp+Phe+TG+ALB+BUN; 0.770, 25
1.148, 1+Ala+Trp+Tyr+ALB+BUN; 0.770, 251.096, 1+Trp+Phe+ALB+BUN+TP; 0.770,
250.088, 1+ALB+BUN+3MeHis+Lys+Phe; 0.770, 246.858, 1+ALB+BUN+3MeHis+Asp+L
ys; 0.769, 251.196, 1+Ala+Trp+Thr+ALB+BUN; 0.769, 249.380, 1+ALB+BUN+ALT+3M
eHis+Trp; 0.769, 247.550, 1+Lys+ALT+ALB+BUN+TP; 0.769, 251.170, 1+Ala+Trp+g
GT+ALB+BUN; 0.769, 249.208, 1+ALB+BUN+ALT+Tyr+Trp; 0.769, 249.247, 1+Gly+Tr
p+ALT+ALB+BUN; 0.769, 247.684, 1+ALB+BUN+ALT+gGT+Lys; 0.769, 249.788, 1+ALB
+ALT+Arg+Phe+Trp; 0.769, 250.986, 1+ALB+BUN+BHBA+Lys+Ile; 0.769, 251.669, 1
+Gly+BCAA+Trp+Lys+ALB; 0.769, 251.364, 1+ALB+BUN+Lys+Val+Phe; 0.769, 249.3
17, 1+ALB+BUN+AST+Phe+Trp; 0.769, 248.988, 1+Trp+TCHO+ALT+ALB+BUN; 0.769, 2
50.563, 1+Gly+BCAA+Lys+ALB+BUN; 0.769, 250.256, 1+Gly+Trp+Arg+ALB+BUN; 0.7
69, 248.874, 1+Gly+Lys+AST+ALB+BUN; 0.769, 250.920, 1+Gly+Lys+His+AST+ALB;
0.769, 250.792, 1+ALB+AST+Arg+Tyr+Trp; 0.769, 250.813, 1+ALB+ALT+Orn+Tyr+P
he; 0.769, 249.926, 1+Gly+Arg+Lys+AST+ALB; 0.769, 249.126, 1+Gly+Trp+Arg+AL
T+ALB; 0.769, 249.625, 1+Trp+Lys+ALB+BUN+Ca; 0.769, 250.512, 1+Ala+Trp+TCHO
+ALB+BUN; 0.769, 251.230, 1+Ala+Trp+TG+ALB+BUN; 0.769, 247.625, 1+ALB+BUN+A
LT+NEFA+Lys; 0.769, 247.621, 1+ALB+BUN+ALT+Lys+Val; 0.769, 250.475, 1+Gly+T
rp+Phe+ALT+ALB; 0.769, 249.384, 1+ALB+BUN+AST+Lys+Ile; 0.769, 249.743, 1+Gl
y+Lys+TCHO+ALB+BUN; 0.769, 251.175, 1+Ala+Trp+ALB+BUN+BHBA; 0.769, 250.768
, 1+Gly+Lys+ALB+BUN+TP; 0.769, 249.331, 1+BCAA+Trp+ALT+ALB+BUN; 0.768, 249.

285, 1+ALB+BUN+ALT+Val+Trp;0.768, 249.068, 1+ALB+BUN+ALT+Arg+Thr;0.768, 249.213, 1+ALB+BUN+ALT+His+Arg;0.768, 249.131, 1+Ala+Trp+AST+ALB+BUN;0.768, 250.297, 1+ALB+BUN+gGT+His+Lys;0.768, 248.171, 1+ALB+ALT+Arg+Lys+Ile;0.768, 251.217, 1+Trp+Phe+gGT+ALB+BUN;0.768, 250.684, 1+ALB+BUN+Orn+Phe+Trp;0.768, 249.335, 1+Trp+ALT+ALB+BUN+Ca;0.768, 249.425, 1+Arg+Phe+His+ALT+ALB;0.768, 249.039, 1+Gly+Arg+ALT+ALB+BUN;0.768, 247.691, 1+ALB+BUN+ALT+Lys+Tyr;0.768, 247.533, 1+ALB+BUN+ALT+Glc+Lys;0.768, 248.918, 1+Trp+Lys+His+ALT+ALB;0.768, 249.718, 1+Gly+Trp+Lys+AST+ALB;0.768, 252.249, 1+Trp+Glc+ALB+BUN+TP;0.768, 251.180, 1+Ala+Trp+ALB+BUN+NEFA;0.768, 247.692, 1+ALB+BUN+ALT+Thr+Lys;0.768, 250.232, 1+ALB+BUN+Ca+His+Lys;0.768, 247.231, 1+Lys+TCHO+ALT+ALB+BUN;0.768, 249.512, 1+ALB+BUN+Asp+Lys+Phe;0.768, 249.058, 1+ALB+BUN+ALT+3MeHis+Arg;0.768, 250.006, 1+BCAA+Trp+Arg+ALT+ALB;0.768, 250.551, 1+ALB+BUN+3MeHis+Arg+Trp;0.768, 250.883, 1+ALB+BUN+NEFA+Lys+Val;0.768, 247.671, 1+ALB+BUN+ALT+Orn+Lys;0.768, 250.989, 1+ALB+BUN+Ca+Lys+Ile;0.768, 252.741, 1+Ala+Gly+Lys+His+ALB;0.768, 250.396, 1+ALB+BUN+3MeHis+Lys+Val;0.768, 249.548, 1+Gly+Arg+Phe+ALT+ALB;0.768, 251.698, 1+Gly+Phe+His+ALT+ALB;0.768, 251.362, 1+Ala+Lys+Phe+ALB+BUN;0.768, 252.612, 1+Ala+Gly+Trp+Lys+ALB;0.768, 250.922, 1+Gly+Lys+TG+ALB+BUN;0.768, 250.011, 1+ALB+BUN+BHBA+His+Lys;0.768, 250.778, 1+ALB+BUN+Glc+Lys+Ile;0.768, 249.601, 1+ALB+BUN+Asp+Tyr+Trp;0.768, 250.592, 1+ALB+BUN+NEFA+Lys+Phe;0.768, 249.400, 1+ALB+BUN+Arg+Asp+Trp;0.768, 249.826, 1+Gly+Lys+Phe+ALT+ALB;0.768, 247.845, 1+ALB+BUN+ALT+Arg+Asp;0.768, 249.893, 1+Trp+Arg+Glc+ALT+ALB;0.768, 250.615, 1+BCAA+Lys+ALB+BUN+NEFA;0.768, 249.626, 1+Lys+Phe+His+ALT+ALB;0.768, 251.586, 1+Gly+Arg+TG+AST+ALB;0.768, 250.658, 1+Gly+Lys+TCHO+AST+ALB;0.768, 250.907, 1+Gly+Lys+gGT+ALB+BUN;0.767, 250.395, 1+Gly+Arg+Lys+ALB+BUN;0.767, 250.628, 1+Gly+Lys+Glc+ALB+BUN;0.767, 249.221, 1+Gly+Arg+ALT+AST+ALB;0.767, 250.438, 1+ALB+ALT+Arg+Tyr+Phe;0.767, 252.489, 1+Ala+Gly+Phe+ALB+BUN;0.767, 249.737, 1+ALB+BUN+Asp+Val+Trp;0.767, 248.869, 1+ALB+BU

N+NEFA+Asp+Lys;0.767,250.292,1+Ala+Gly+Arg+ALT+ALB;0.767,250.096,1+Trp+Arg+ALT+gGT+ALB;0.767,248.587,1+ALB+ALT+His+Arg+Lys;0.767,247.240,1+ALB+BUN+AST+ALT+Lys;0.767,251.424,1+ALB+BUN+Orn+Lys+Phe;0.767,249.984,1+Trp+Arg+TG+ALT+ALB;0.767,250.037,1+ALB+ALT+Lys+Phe+Trp;0.767,251.384,1+Gly+Lys+AST+ALB+TP;0.767,251.192,1+Ala+Gly+Trp+AST+ALB;0.767,250.116,1+ALB+ALT+NEFA+Arg+Trp;0.767,252.009,1+Gly+Trp+ALB+BUN+NEFA;0.767,251.324,1+BCAA+Arg+Lys+ALB+BUN;0.767,249.346,1+ALB+ALT+Arg+Lys+Trp;0.767,251.280,1+Ala+Gly+Lys+AST+ALB;0.767,251.928,1+Gly+Trp+ALB+BUN+TP;0.767,251.050,1+Trp+Arg+ALB+BUN+TP;0.767,249.629,1+ALB+BUN+Asp+Orn+Lys;0.767,248.918,1+ALB+AST+ALT+Arg+Trp;0.767,248.579,1+ALB+BUN+AST+ALT+Trp;0.767,249.231,1+Gly+Lys+ALT+AST+ALB;0.767,251.129,1+Ala+Trp+ALB+BUN+Ca;0.767,249.557,1+Trp+Arg+TCHO+ALT+ALB;0.767,251.447,1+Ala+BCAA+Lys+ALB+BUN;0.767,250.491,1+ALB+ALT+Arg+Thr+Ile;0.767,251.931,1+Gly+Trp+Glc+ALB+BUN;0.767,250.914,1+Gly+Lys+Thr+ALB+BUN;0.767,250.188,1+ALB+ALT+Orn+Phe+Trp;0.767,250.582,1+ALB+BUN+3MeHis+Orn+Lys;0.767,247.649,1+ALB+BUN+Ca+ALT+Lys;0.767,249.696,1+ALB+BUN+ALT+T-BIL+Arg;0.767,249.937,1+ALB+ALT+Arg+Orn+Trp;0.767,250.119,1+Trp+Arg+Thr+ALT+ALB;0.767,249.401,1+Gly+Trp+Lys+ALT+ALB;0.767,247.602,1+ALB+BUN+AST+Asp+Trp;0.767,251.026,1+BCAA+Trp+Lys+AST+ALB;0.767,251.398,1+ALB+BUN+Arg+Lys+Phe;0.767,249.274,1+ALB+BUN+ALT+Arg+Orn;0.767,251.707,1+Trp+TCHO+ALB+BUN+TP;0.767,251.504,1+ALB+BUN+Arg+Lys+Tyr;0.767,251.124,1+Trp+Arg+TG+ALB+BUN;0.767,250.124,1+ALB+BUN+3MeHis+Arg+Lys;0.767,249.714,1+ALB+BUN+NEFA+Asp+Trp;0.767,249.636,1+ALB+BUN+Arg+Asp+Lys;0.767,251.066,1+ALB+ALT+Orn+Tyr+Trp;0.767,249.373,1+ALB+BUN+Asp+Orn+Trp;0.767,249.716,1+ALB+ALT+His+Arg+Orn;0.767,250.115,1+Trp+AST+ALB+BUN+TP;0.767,249.026,1+ALB+BUN+AST+3MeHis+Lys;0.767,251.025,1+Gly+Lys+Glc+AST+ALB;0.766,250.702,1+Ala+Lys+ALB+BUN+NEFA;0.766,249.605,1+ALB+BUN+Asp+Lys+Val;0.766,250.057,1+Trp+Arg+ALT+ALB+BHBA;0.766,251.171,1+Ala+Gly+Arg+AST+A

LB;0.766,249.815,1+Trp+Lys+Glc+ALT+ALB;0.766,251.095,1+ALB+AST+Arg+Lys+Ile;0.766,251.316,1+Lys+Phe+Glc+ALB+BUN;0.766,251.180,1+Trp+Phe+Glc+ALT+ALB;0.766,251.019,1+ALB+BUN+T-BIL+Orn+Lys;0.766,250.131,1+ALB+ALT+Arg+Val+Trp;0.766,249.066,1+ALB+BUN+AST+His+Lys;0.766,251.129,1+ALB+BUN+Arg+Val+Trp;0.766,250.340,1+ALB+BUN+NEFA+3MeHis+Lys;0.766,250.971,1+ALB+BUN+NEFA+Lys+Tyr;0.766,249.738,1+ALB+BUN+ALT+Glc+Arg;0.766,249.569,1+Arg+TG+ALT+ALB+BUN;0.766,253.429,1+Ala+Gly+Trp+His+ALB;0.766,252.415,1+Trp+Glc+TG+ALB+BUN;0.766,252.093,1+Ala+Trp+Lys+His+ALB;0.766,250.256,1+Ala+Gly+Lys+ALT+ALB;0.766,249.791,1+ALB+BUN+AST+Lys+Phe;0.766,250.689,1+ALB+BUN+T-BIL+Glc+Lys;0.766,251.602,1+ALB+BUN+Arg+Lys+Val;0.766,249.703,1+ALB+ALT+3MeHis+Arg+Trp;0.766,248.521,1+ALB+BUN+3MeHis+Asp+Trp;0.766,249.665,1+ALB+BUN+ALT+Arg+Ile;0.766,249.790,1+BCAA+Trp+Lys+ALT+ALB;0.766,251.585,1+Gly+Lys+TG+AST+ALB;0.766,251.474,1+Ala+Arg+Lys+ALB+BUN;0.766,249.737,1+Arg+ALT+ALB+BUN+TP;0.766,250.946,1+ALB+BUN+Arg+Orn+Trp;0.766,250.111,1+Ala+Trp+Arg+ALT+ALB;0.766,252.126,1+Gly+Trp+TG+ALB+BUN;0.766,250.956,1+ALB+AST+NEFA+Lys+Ile;0.766,252.293,1+Trp+Glc+ALB+BUN+BHBA;0.766,250.640,1+ALB+BUN+3MeHis+Lys+Tyr;0.766,249.396,1+ALB+BUN+Asp+Lys+Tyr;0.766,252.490,1+Ala+Gly+Trp+Arg+ALB;0.766,254.107,1+Ala+Gly+BCAA+Lys+ALB;0.766,251.355,1+ALB+BUN+Orn+Tyr+Trp;0.766,248.965,1+Gly+Arg+Lys+ALT+ALB;0.766,251.516,1+Trp+Glc+TCHO+ALB+BUN;0.766,252.885,1+ALB+BUN+NEFA+3MeHis+Phe;0.766,251.282,1+Gly+Lys+AST+ALB+NEFA;0.766,251.578,1+Gly+Lys+Thr+AST+ALB;0.766,249.625,1+BCAA+Arg+ALT+ALB+BUN;0.766,251.111,1+ALB+BUN+NEFA+Arg+Trp;0.766,249.180,1+ALB+BUN+AST+ALT+Arg;0.766,251.877,1+Trp+Lys+His+ALB+TP;0.766,251.405,1+Trp+Lys+AST+ALB+TP;0.766,249.114,1+ALB+BUN+AST+NEFA+Lys;0.766,249.770,1+Gly+Trp+AST+ALB+BUN;0.766,250.714,1+Ala+Lys+TCHO+ALB+BUN;0.766,251.014,1+Lys+TG+ALB+BUN+NEFA;0.766,250.962,1+ALB+BUN+NEFA+T-BIL+Lys;0.766,249.719,1+ALB+BUN+A

LT+BHBA+Arg;0.766,251.780,1+ALB+BUN+Orn+Lys+Tyr;0.766,251.742,1+BCAA+Lys+Thr+ALB+BUN;0.766,250.349,1+Trp+AST+ALB+BUN+BHBA;0.766,252.775,1+ALB+BUN+Orn+Tyr+Phe;0.766,251.915,1+ALB+BUN+Lys+Tyr+Val;0.766,251.653,1+Ala+Lys+Tyr+ALB+BUN;0.766,251.029,1+ALB+BUN+T-BIL+BHBA+Lys;0.766,249.686,1+ALB+BUN+ALT+NEFA+Arg;0.766,251.289,1+ALB+BUN+Orn+Val+Trp;0.766,251.053,1+ALB+BUN+gGT+NEFA+Lys;0.766,250.475,1+ALB+ALT+Arg+Orn+Phe;0.766,251.628,1+BCAA+Lys+ALB+BUN+TP;0.766,247.851,1+ALB+BUN+AST+Asp+Lys;0.766,251.504,1+Gly+Lys+AST+ALB+BHBA;0.766,252.411,1+BCAA+Trp+Glc+ALB+BUN;0.766,252.599,1+Gly+Trp+Lys+ALB+TP;0.766,249.213,1+ALB+ALT+3MeHis+Arg+Lys;0.766,250.298,1+Gly+Lys+ALT+ALB+TP;0.766,250.214,1+Gly+Arg+TG+ALT+ALB;0.766,251.478,1+ALB+AST+Orn+Lys+Ile;0.765,251.033,1+ALB+BUN+NEFA+Thr+Lys;0.765,251.036,1+ALB+BUN+NEFA+BHBA+Lys;0.765,250.991,1+ALB+BUN+gGT+T-BIL+Lys;0.765,250.842,1+ALB+BUN+NEFA+Glc+Lys;0.765,249.136,1+ALB+BUN+AST+Orn+Trp;0.765,249.276,1+Arg+TCHO+ALT+ALB+BUN;0.765,249.722,1+ALB+BUN+ALT+Arg+Tyr;0.765,250.867,1+ALB+BUN+T-BIL+Arg+Lys;0.765,251.002,1+ALB+ALT+NEFA+Orn+Trp;0.765,250.871,1+Lys+ALB+BUN+TP+NEFA;0.765,249.974,1+Trp+Lys+Thr+ALT+ALB;0.765,251.046,1+ALB+BUN+NEFA+Orn+Lys;0.765,252.416,1+Trp+Glc+ALB+BUN+NEFA;0.765,249.610,1+ALB+AST+ALT+Orn+Trp;0.765,248.751,1+ALB+ALT+Arg+Asp+Trp;0.765,250.258,1+Trp+AST+gGT+ALB+BUN;0.765,253.458,1+ALB+BUN+NEFA+Tyr+Phe;0.765,251.037,1+ALB+ALT+Orn+Val+Trp;0.765,249.446,1+ALB+BUN+ALT+Arg+Val;0.765,252.605,1+ALB+His+Orn+Lys+Ile;0.765,252.157,1+Gly+Trp+ALB+BUN+BHBA;0.765,249.665,1+Gly+Lys+TCHO+ALT+ALB;0.765,251.745,1+ALB+BUN+Orn+Lys+Val;0.765,249.693,1+ALB+BUN+ALT+gGT+Arg;0.765,252.199,1+ALB+NEFA+Arg+Lys+Ile;0.765,250.241,1+Gly+BCAA+Lys+ALT+ALB;0.765,249.433,1+ALB+ALT+His+Orn+Lys;0.765,250.101,1+Trp+Arg+ALT+ALB+Ca;0.765,250.392,1+Gly+Lys+TG+ALT+ALB;0.765,251.584,1+ALB+NEFA+His+Arg+Lys;0.765,252.380,1+Trp+Glc+gGT+ALB+BUN;0.765,250.961,1+ALB+BUN+T-BIL+Thr+Lys;0.765,249.150,1+ALB+A

LT+Asp+Orn+Trp;0.765,252.180,1+Gly+BCAA+Trp+ALB+BUN;0.765,251.926,1+Trp+TCHO+TG+ALB+BUN;0.765,254.416,1+Ala+Gly+Trp+Glc+ALB;0.765,250.025,1+ALB+ALT+Arg+Lys+Phe;0.765,249.639,1+ALB+ALT+Orn+Lys+Ile;0.765,251.353,1+ALB+AST+Orn+Val+Trp;0.765,250.395,1+Trp+TG+AST+ALB+BUN;0.765,251.428,1+Gly+Lys+AST+gGT+ALB;0.765,251.634,1+Ala+Lys+ALB+BUN+TP;0.765,250.123,1+ALB+BUN+ALT+His+Orn;0.765,254.435,1+Ala+Gly+Trp+Phe+ALB;0.765,252.325,1+Trp+ALB+BUN+TP+BHBA;0.765,250.993,1+ALB+BUN+AST+Orn+Phe;0.765,250.419,1+Gly+Lys+ALT+gGT+ALB;0.765,250.384,1+ALB+BUN+AST+NEFA+Trp;0.765,249.798,1+ALB+BUN+AST+Arg+Lys;0.765,251.155,1+Trp+Lys+Thr+AST+ALB;0.765,249.578,1+ALB+BUN+Ca+ALT+Arg;0.765,252.306,1+ALB+BUN+NEFA+Orn+Phe;0.765,252.423,1+Trp+TG+ALB+BUN+TP;0.765,252.410,1+Trp+ALB+BUN+TP+NEFA;0.765,251.187,1+ALB+AST+NEFA+Arg+Trp;0.765,251.616,1+ALB+BUN+Arg+Thr+Lys;0.765,251.141,1+ALB+BUN+3MeHis+Orn+Trp;0.765,250.297,1+Gly+Arg+Thr+ALT+ALB;0.765,249.876,1+ALB+AST+Asp+Lys+Trp;0.765,250.006,1+ALB+ALT+Orn+Lys+Trp;0.765,250.236,1+ALB+BUN+AST+3MeHis+Trp;0.765,251.347,1+ALB+AST+Lys+Tyr+Trp;0.765,251.890,1+BCAA+Trp+TCHO+ALB+BUN;0.765,251.891,1+Trp+TCHO+ALB+BUN+NEFA;0.765,251.666,1+Ala+Lys+TG+ALB+BUN;0.765,253.996,1+Ala+Gly+Lys+Glc+ALB;0.765,250.524,1+ALB+AST+ALT+Phe+Trp;0.765,252.801,1+ALB+AST+Arg+Orn+Ile;0.765,249.193,1+ALB+AST+ALT+Lys+Trp;0.765,248.982,1+ALB+BUN+AST+T-BIL+Lys;0.765,250.965,1+ALB+BUN+Ca+NEFA+Lys;0.765,250.933,1+ALB+BUN+Ca+T-BIL+Lys;0.764,251.731,1+ALB+BUN+3MeHis+Orn+Phe;0.764,251.608,1+Lys+Glc+ALB+BUN+TP;0.764,250.951,1+ALB+ALT+3MeHis+Orn+Trp;0.764,250.636,1+BCAA+Lys+Phe+ALT+ALB;0.764,250.415,1+Gly+Lys+Thr+ALT+ALB;0.764,250.005,1+Lys+AST+ALB+BUN+TP;0.764,249.638,1+Trp+Lys+TCHO+ALT+ALB;0.764,254.362,1+Ala+Gly+Lys+Tyr+ALB;0.764,251.624,1+Arg+Lys+TG+ALB+BUN;0.764,251.613,1+ALB+BUN+Arg+Orn+Lys;0.764,252.418,1+BCAA+Trp+ALB+BUN+TP;0.764,249.811,1+ALB+ALT+3MeHis+Lys+Trp;0.764,250.873,1+ALB+ALT+Lys+Tyr+Phe;0.764,250.201,1+Trp+Glc+AS

T+ALB+BUN;0.764, 251.047, 1+ALB+AST+Arg+Orn+Trp;0.764, 251.663, 1+ALB+BUN+BHBA+Orn+Lys;0.764, 250.032, 1+Gly+Lys+Glc+ALT+ALB;0.764, 251.660, 1+Ala+Lys+Thr+ALB+BUN;0.764, 250.653, 1+ALB+ALT+Arg+Orn+Ile;0.764, 250.526, 1+Gly+Arg+ALT+gGT+ALB;0.764, 250.259, 1+ALB+AST+ALT+Orn+Phe;0.764, 250.252, 1+ALB+BUN+ALT+Thr+Orn;0.764, 252.308, 1+Gly+Trp+AST+ALB+TP;0.764, 251.774, 1+Lys+TG+ALB+BUN+TP;0.764, 250.016, 1+ALB+ALT+His+Arg+Thr;0.764, 251.943, 1+ALB+NEFA+His+Orn+Lys;0.764, 251.592, 1+Ala+Lys+ALB+BUN+Ca;0.764, 251.465, 1+ALB+BUN+Glc+Arg+Lys;0.764, 251.453, 1+Ala+Lys+ALB+BUN+BHBA;0.764, 252.173, 1+Gly+Trp+gGT+ALB+BUN;0.764, 250.993, 1+ALB+AST+Arg+Lys+Trp;0.764, 250.387, 1+ALB+BUN+AST+Val+Trp;0.764, 250.097, 1+ALB+ALT+Lys+Val+Trp;0.764, 251.902, 1+Trp+TCHO+ALB+BUN+BHBA;0.764, 252.332, 1+Trp+Glc+ALB+BUN+Ca;0.764, 252.401, 1+Ala+Trp+Glc+ALT+ALB;0.764, 252.623, 1+Trp+TG+ALB+BUN+NEFA;0.764, 252.386, 1+Trp+Thr+ALB+BUN+TP;0.764, 250.817, 1+ALB+BUN+NEFA+Arg+Lys;0.764, 251.697, 1+ALB+BUN+gGT+BHBA+Lys;0.764, 251.423, 1+ALB+BUN+NEFA+Orn+Trp;0.764, 250.492, 1+ALB+ALT+Orn+Lys+Phe;0.764, 249.969, 1+Ala+Lys+AST+ALB+BUN;0.764, 249.967, 1+ALB+BUN+AST+BHBA+Lys;0.764, 250.420, 1+ALB+BUN+AST+Tyr+Trp;0.764, 250.066, 1+Trp+TCHO+AST+ALB+BUN;0.764, 249.631, 1+Lys+TCHO+AST+ALB+BUN;0.764, 252.971, 1+ALB+BUN+Orn+Val+Phe;0.764, 251.533, 1+Ala+Lys+Glc+ALB+BUN;0.764, 252.093, 1+Gly+Trp+ALB+BUN+Ca;0.764, 250.445, 1+BCCA+Trp+AST+ALB+BUN;0.764, 250.139, 1+ALB+ALT+Lys+Tyr+Trp;0.764, 250.991, 1+ALB+AST+NEFA+Lys+Trp;0.764, 251.930, 1+Trp+TCHO+gGT+ALB+BUN;0.764, 251.501, 1+ALB+BUN+BHBA+Arg+Lys;0.764, 250.808, 1+ALB+AST+ALT+Arg+Ile;0.764, 250.232, 1+Ala+Trp+Lys+ALT+ALB;0.764, 250.242, 1+Trp+Lys+ALT+gGT+ALB;0.764, 252.139, 1+Gly+Trp+Glc+AST+ALB;0.764, 252.331, 1+Trp+ALB+BUN+TP+Ca;0.764, 251.780, 1+ALB+BUN+Thr+Orn+Lys;0.764, 250.173, 1+Lys+TG+AST+ALB+BUN;0.764, 250.169, 1+ALB+BUN+AST+Lys+Val;0.764, 251.864, 1+ALB+AST+T-BIL+Lys+Ile;0.764, 252.589, 1+Trp+TG+ALB+BUN+BHBA;0.764, 251.861, 1+ALB+BUN+gGT+Thr+Lys;0.764, 248.230, 1+ALB+BUN+ALT+Asp+Orn;0.764, 2

50. 171, 1+ALB+BUN+AST+Thr+Lys; 0.764, 250. 018, 1+BCAA+Lys+AST+ALB+BUN; 0.764, 254. 421, 1+Ala+Gly+Lys+ALB+TP; 0.764, 252. 597, 1+Trp+ALB+BUN+NEFA+BHBA; 0.764, 251. 070, 1+ALB+AST+Orn+Lys+Trp; 0.764, 251. 264, 1+ALB+AST+NEFA+Arg+Lys; 0.763, 251. 691, 1+ALB+BUN+Glc+Thr+Lys; 0.763, 251. 582, 1+ALB+BUN+Glc+Orn+Lys; 0.763, 252. 627, 1+BCAA+Trp+TG+ALB+BUN; 0.763, 251. 398, 1+ALB+BUN+BHBA+Glc+Lys; 0.763, 250. 256, 1+ALB+AST+ALT+Arg+Phe; 0.763, 249. 921, 1+ALB+ALT+Arg+Lys+Tyr; 0.763, 250. 171, 1+ALB+BUN+AST+Lys+Tyr; 0.763, 251. 558, 1+ALB+AST+Lys+Val+Trp; 0.763, 251. 598, 1+ALB+BUN+Asp+Orn+Phe; 0.763, 254. 389, 1+Ala+Gly+Lys+Phe+ALB; 0.763, 251. 744, 1+ALB+BUN+gGT+Orn+Lys; 0.763, 251. 556, 1+ALB+BUN+Ca+Arg+Lys; 0.763, 251. 721, 1+ALB+BUN+BHBA+Thr+Lys; 0.763, 251. 886, 1+Lys+Thr+TG+ALB+BUN; 0.763, 250. 490, 1+Gly+Arg+Glc+ALT+ALB; 0.763, 251. 748, 1+ALB+ALT+T-BIL+Arg+Ile; 0.763, 252. 581, 1+Gly+Trp+AST+ALB+NEFA; 0.763, 252. 350, 1+Gly+Trp+AST+gGT+ALB; 0.763, 252. 547, 1+Trp+TG+ALB+BUN+Ca; 0.763, 251. 828, 1+ALB+BUN+Ca+Thr+Lys; 0.763, 251. 722, 1+ALB+BUN+Ca+Orn+Lys; 0.763, 251. 601, 1+Ala+Lys+gGT+ALB+BUN; 0.763, 252. 578, 1+BCAA+Trp+ALB+BUN+BHBA; 0.763, 252. 577, 1+Trp+gGT+ALB+BUN+BHBA; 0.763, 251. 310, 1+ALB+AST+Orn+Tyr+Trp; 0.763, 250. 238, 1+Trp+Lys+TG+ALT+ALB; 0.763, 250. 104, 1+ALB+BUN+AST+gGT+Lys; 0.763, 250. 528, 1+ALB+AST+ALT+His+Arg; 0.763, 251. 116, 1+ALB+AST+His+Orn+Lys; 0.763, 251. 336, 1+Gly+Trp+TCHO+ALB+BUN; 0.763, 252. 438, 1+ALB+BUN+NEFA+3MeHis+Trp; 0.763, 252. 284, 1+Ala+Gly+Arg+ALB+BUN; 0.763, 250. 542, 1+ALB+ALT+3MeHis+Arg+Orn; 0.763, 252. 614, 1+Trp+TG+gGT+ALB+BUN; 0.763, 252. 546, 1+ALB+BUN+Tyr+Val+Trp; 0.763, 250. 227, 1+ALB+ALT+NEFA+Lys+Trp; 0.763, 251. 914, 1+Lys+AST+ALB+TP+NEFA; 0.763, 250. 151, 1+ALB+ALT+NEFA+His+Lys; 0.763, 252. 878, 1+Trp+Glc+ALT+ALB+BHBA; 0.763, 252. 605, 1+Gly+Trp+AST+ALB+BHBA; 0.763, 252. 526, 1+Gly+Trp+TG+AST+ALB; 0.763, 250. 131, 1+ALB+ALT+NEFA+Lys+Ile; 0.763, 252. 378, 1+ALB+BUN+3MeHis+Val+Trp; 0.763, 252. 359, 1+ALB+BUN+3MeHis+Tyr+Trp; 0.763, 251. 798, 1+Lys+Thr+ALB+BUN+TP; 0.763, 251. 531, 1+ALB+BUN+gGT+Arg+Lys; 0.763, 251. 497, 1+ALB+BUN+AST+NEFA+Phe; 0.763, 249.

897, 1+ALB+BUN+AST+Glc+Lys;0.763, 249.968, 1+ALB+BUN+AST+Orn+Lys;0.763, 251.760, 1+ALB+BUN+AST+Arg+Phe;0.763, 251.607, 1+ALB+BUN+gGT+Glc+Lys;0.763, 250.271, 1+ALB+3MeHis+Asp+Lys+Trp;0.763, 248.133, 1+ALB+ALT+Asp+Lys+Trp;0.763, 250.522, 1+ALB+AST+3MeHis+Arg+Trp;0.763, 249.287, 1+ALB+AST+ALT+Arg+Lys;0.763, 251.556, 1+Lys+ALB+BUN+TP+BHBA;0.763, 254.857, 1+Ala+Gly+Trp+TG+ALB;0.763, 250.591, 1+ALB+ALT+3MeHis+Lys+Tyr;0.763, 250.630, 1+Arg+Thr+ALT+AST+ALB;0.763, 251.647, 1+ALB+AST+His+Arg+Orn;0.763, 250.439, 1+ALB+ALT+T-BIL+Lys+Ile;0.763, 252.820, 1+Trp+Glc+ALT+ALB+TP;0.763, 254.389, 1+Ala+Gly+Lys+Thr+ALB;0.763, 252.893, 1+Trp+Glc+ALT+gGT+ALB;0.763, 254.692, 1+Ala+Gly+Trp+ALB+NEFA;0.763, 252.610, 1+BCAA+Trp+gGT+ALB+BUN;0.763, 252.242, 1+Gly+Trp+Glc+ALT+ALB;0.763, 250.051, 1+ALB+ALT+NEFA+Arg+Lys;0.763, 254.865, 1+Ala+Gly+Trp+ALB+TP;0.763, 251.590, 1+ALB+ALT+gGT+Arg+Ile;0.763, 251.622, 1+Ala+Trp+Arg+AST+ALB;0.763, 250.471, 1+ALB+AST+Arg+Asp+Trp;0.763, 251.364, 1+ALB+AST+NEFA+3MeHis+Lys;0.763, 250.379, 1+Trp+AST+ALB+BUN+Ca;0.763, 252.589, 1+ALB+BUN+NEFA+Arg+Phe;0.763, 252.615, 1+Trp+gGT+ALB+BUN+NEFA;0.763, 252.545, 1+ALB+BUN+NEFA+Val+Trp;0.763, 252.624, 1+BCAA+Trp+ALB+BUN+NEFA;0.763, 251.695, 1+ALB+BUN+AST+3MeHis+Phe;0.763, 250.274, 1+ALB+ALT+3MeHis+Orn+Lys;0.763, 251.691, 1+Ala+Trp+Lys+AST+ALB;0.762, 251.803, 1+ALB+BUN+3MeHis+Arg+Phe;0.762, 254.459, 1+Ala+Gly+Lys+TG+ALB;0.762, 252.362, 1+Trp+gGT+ALB+BUN+TP;0.762, 250.504, 1+ALB+ALT+3MeHis+Lys+Val;0.762, 251.675, 1+ALB+AST+NEFA+Orn+Lys;0.762, 252.590, 1+Gly+BCAA+Trp+AST+ALB;0.762, 250.164, 1+ALB+AST+Asp+Orn+Trp;0.762, 250.272, 1+ALB+ALT+Glc+His+Lys;0.762, 250.642, 1+ALB+ALT+Glc+Orn+Lys;0.762, 248.746, 1+ALB+ALT+Arg+Asp+Lys;0.762, 254.887, 1+Ala+Gly+Trp+ALB+BHBA;0.762, 251.592, 1+Trp+Glc+ALT+AST+ALB;0.762, 250.680, 1+ALB+AST+3MeHis+Lys+Trp;0.762, 250.759, 1+ALB+3MeHis+Arg+Asp+Lys;0.762, 249.982, 1+ALB+ALT+Glc+Arg+Lys;0.762, 250.748, 1+ALB+AST+3MeHis+Arg+Lys;0.762, 252.901, 1+ALB+BUN+Arg+Orn+Phe;0.762, 252.874, 1+Trp+Glc+TG+ALT+ALB;0.762, 250.668, 1+ALB+AST+ALT+NE

FA+Arg;0.762, 248.548, 1+ALB+AST+3MeHis+Asp+Lys;0.762, 251.443, 1+ALB+AST+His+Arg+Lys;0.762, 251.071, 1+ALB+AST+NEFA+His+Lys;0.762, 251.616, 1+ALB+BUN+Ca+BHBA+Lys;0.762, 252.195, 1+Trp+Glc+TCHO+ALT+ALB;0.762, 251.693, 1+ALB+ALT+Glc+Arg+Ile;0.762, 250.599, 1+ALB+BUN+ALT+3MeHis+Orn;0.762, 251.707, 1+ALB+ALT+BHBA+Arg+Ile;0.762, 251.598, 1+ALB+ALT+NEFA+Arg+Ile;0.762, 250.184, 1+ALB+ALT+BHBA+Arg+Lys;0.762, 250.146, 1+ALB+ALT+gGT+Arg+Lys;0.762, 251.666, 1+ALB+AST+Arg+Val+Trp;0.762, 251.376, 1+ALB+AST+NEFA+Orn+Trp;0.762, 252.890, 1+Trp+Glc+ALT+ALB+NEFA;0.762, 250.734, 1+ALB+BUN+ALT+Glc+Orn;0.762, 254.888, 1+Ala+Gly+Trp+Thr+ALB;0.762, 254.880, 1+Ala+Gly+BCAA+Trp+ALB;0.762, 250.183, 1+ALB+ALT+T-BIL+Arg+Lys;0.762, 250.144, 1+ALB+ALT+Arg+Orn+Lys;0.762, 250.544, 1+ALB+ALT+NEFA+3MeHis+Lys;0.762, 250.158, 1+ALB+ALT+Arg+Lys+Val;0.762, 250.046, 1+ALB+BUN+AST+ALT+Orn;0.762, 253.142, 1+ALB+NEFA+Orn+Lys+Ile;0.762, 254.841, 1+Ala+Gly+Trp+Tyr+ALB;0.762, 253.086, 1+Ala+Gly+Arg+Lys+ALB;0.762, 250.176, 1+Ala+Arg+Lys+ALT+ALB;0.762, 250.187, 1+ALB+AST+ALT+Arg+Orn;0.762, 251.043, 1+ALB+AST+ALT+Arg+Tyr;0.762, 251.674, 1+ALB+AST+Lys+Phe+Trp;0.762, 250.435, 1+ALB+ALT+Thr+Lys+Ile;0.762, 251.987, 1+Gly+Trp+TCHO+AST+ALB;0.762, 252.358, 1+ALB+BUN+Arg+Asp+Phe;0.762, 251.234, 1+ALB+ALT+Arg+Orn+Tyr;0.762, 252.441, 1+ALB+3MeHis+Arg+Lys+Trp;0.762, 252.049, 1+ALB+AST+NEFA+Lys+Tyr;0.762, 251.004, 1+Ala+Arg+ALT+AST+ALB;0.762, 250.977, 1+Ala+Lys+Phe+ALT+ALB;0.762, 252.926, 1+ALB+NEFA+His+Lys+Ile;0.762, 251.592, 1+ALB+Ca+ALT+Arg+Ile;0.762, 254.312, 1+Ala+Gly+Lys+ALB+Ca;0.762, 251.186, 1+ALB+ALT+Arg+Thr+Orn;0.762, 250.717, 1+ALB+AST+ALT+Arg+Val;0.762, 250.646, 1+ALB+ALT+NEFA+Lys+Phe;0.762, 252.566, 1+ALB+AST+T-BIL+His+Orn;0.762, 252.427, 1+ALB+AST+NEFA+Arg+Orn;0.762, 251.776, 1+ALB+BUN+Ca+gGT+Lys;0.762, 251.618, 1+ALB+BUN+Ca+Glc+Lys;0.762, 250.983, 1+ALB+ALT+NEFA+His+Arg;0.762, 252.621, 1+BCAA+Trp+Glc+ALT+ALB;0.762, 250.931, 1+ALB+ALT+Lys+Val+Phe;0.762, 251.048, 1+ALB+AST+ALT+gGT+Arg;0.762, 249.921, 1+BCAA

+Arg+Lys+ALT+ALB;0.762,251.150,1+ALB+ALT+Glc+Arg+Orn;0.762,250.982,1+Lys+Phe+ALT+gGT+ALB;0.762,250.537,1+ALB+ALT+BHBA+His+Lys;0.762,252.102,1+ALB+AST+NEFA+Lys+Phe;0.762,252.500,1+Ala+Gly+Lys+TCHO+ALB;0.762,254.419,1+Ala+Gly+Lys+ALB+BHBA;0.762,253.469,1+ALB+BUN+3MeHis+Val+Phe;0.762,250.458,1+ALB+BUN+ALT+Orn+Tyr;0.762,251.669,1+ALB+AST+Arg+Phe+Trp;0.762,251.024,1+ALB+AST+3MeHis+Orn+Trp;0.762,250.414,1+ALB+ALT+T-BIL+His+Lys;0.762,248.961,1+ALB+AST+ALT+Asp+Trp;0.762,252.540,1+BCAA+Trp+ALB+BUN+Ca;0.762,253.468,1+ALB+BUN+3MeHis+Tyr+Phe;0.762,252.198,1+ALB+AST+NEFA+T-BIL+Lys;0.762,250.344,1+Lys+Phe+TCHO+ALT+ALB;0.761,251.048,1+ALB+AST+ALT+BHBA+Arg;0.761,250.946,1+ALB+ALT+NEFA+3MeHis+Arg;0.761,250.917,1+ALB+ALT+3MeHis+Arg+Tyr;0.761,251.219,1+ALB+ALT+T-BIL+His+Arg;0.761,250.836,1+ALB+BUN+ALT+Orn+Ile;0.761,251.224,1+ALB+ALT+His+Arg+Ile;0.761,250.271,1+ALB+ALT+His+Lys+Ile;0.761,250.677,1+ALB+ALT+gGT+His+Lys;0.761,249.733,1+ALB+AST+ALT+3MeHis+Lys;0.761,252.154,1+Ala+Lys+AST+ALB+NEFA;0.761,252.544,1+Trp+ALB+BUN+Ca+NEFA;0.761,251.105,1+ALB+ALT+gGT+His+Arg;0.761,252.234,1+ALB+BUN+His+Thr+Orn;0.761,250.573,1+ALB+ALT+His+Thr+Lys;0.761,250.527,1+Arg+TCHO+ALT+AST+ALB;0.761,251.015,1+Gly+Trp+ALT+AST+ALB;0.761,250.169,1+ALB+ALT+Arg+Thr+Lys;0.761,249.947,1+ALB+AST+ALT+3MeHis+Arg;0.761,252.195,1+ALB+AST+NEFA+BHBA+Lys;0.761,254.022,1+ALB+Orn+Tyr+Phe+Trp;0.761,252.528,1+Gly+Trp+TG+ALT+ALB;0.761,253.228,1+ALB+T-BIL+Glc+His+Lys;0.761,251.097,1+ALB+ALT+NEFA+T-BIL+Lys;0.761,252.530,1+Trp+gGT+ALB+BUN+Ca;0.761,253.691,1+ALB+BUN+NEFA+Val+Phe;0.761,252.129,1+ALB+AST+NEFA+Lys+Val;0.761,250.966,1+ALB+AST+ALT+T-BIL+Arg;0.761,251.256,1+ALB+ALT+Arg+Orn+Val;0.761,252.820,1+ALB+3MeHis+Arg+Lys+Tyr;0.761,250.957,1+ALB+ALT+Orn+Lys+Tyr;0.761,250.837,1+ALB+BUN+ALT+gGT+Orn;0.761,251.744,1+ALB+BUN+AST+Arg+Orn;0.761,251.152,1+Ala+Lys+ALT+ALB+NEFA;0.761,250.588,1+ALB+ALT+BHBA+Lys+Ile;0.761,250.210,1+ALB+ALT+Glc+Lys+Ile;0.761,251.256,1+ALB+ALT+BHBA

+Arg+Orn;0.761,250.837,1+ALB+BUN+ALT+NEFA+Orn;0.761,252.094,1+Gly+Trp
+ALT+ALB+NEFA;0.761,250.957,1+ALB+ALT+T-BIL+Orn+Lys;0.761,253.495,1+A
LB+AST+NEFA+Orn+Ile;0.761,250.101,1+ALB+BUN+Ca+AST+Lys;0.761,251.272,
1+ALB+ALT+T-BIL+Arg+Orn;0.761,250.942,1+ALB+ALT+Thr+Orn+Lys;0.761,250
.848,1+ALB+ALT+NEFA+Orn+Lys;0.761,250.818,1+ALB+BUN+ALT+BHBA+Orn;0.76
1,253.068,1+Ala+Lys+His+ALB+NEFA;0.761,250.979,1+ALB+ALT+T-BIL+Glc+Ly
s;0.761,251.533,1+ALB+AST+Orn+Phe+Trp;0.761,250.219,1+ALB+AST+NEFA+As
p+Lys;0.761,254.753,1+Ala+Gly+Trp+ALB+Ca;0.761,254.274,1+Ala+Gly+Lys+
ALB+NEFA;0.761,250.801,1+ALB+ALT+NEFA+Glc+Lys;0.761,251.270,1+ALB+ALT
+NEFA+Arg+Orn;0.761,251.201,1+ALB+ALT+Glc+His+Arg;0.761,255.560,1+Gly
+BCAA+Trp+Glc+ALB;0.761,251.165,1+ALB+ALT+NEFA+BHBA+Lys;0.761,251.006
,1+ALB+AST+ALT+Glc+Arg;0.761,250.604,1+ALB+ALT+gGT+Lys+Ile;0.761,253.
870,1+ALB+AST+Thr+Orn+Ile;0.761,249.805,1+ALB+AST+ALT+Lys+Ile;0.761,2
53.478,1+ALB+Orn+Lys+Tyr+Trp;0.761,253.055,1+ALB+3MeHis+Lys+Tyr+Trp;0
.761,252.933,1+BCAA+Trp+TG+ALT+ALB;0.761,252.284,1+ALB+BUN+AST+Arg+Th
r;0.761,251.165,1+ALB+ALT+gGT+NEFA+Lys;0.761,251.686,1+ALB+BUN+AST+NE
FA+Arg;0.761,250.158,1+ALB+Ca+ALT+Arg+Lys;0.761,250.967,1+ALB+Ca+AST+
ALT+Arg;0.761,250.870,1+ALB+ALT+3MeHis+Arg+Val;0.761,250.814,1+ALB+BU
N+ALT+T-BIL+Orn;0.761,252.618,1+Gly+Trp+ALT+ALB+BHBA;0.761,252.470,1+
ALB+T-BIL+His+Orn+Lys;0.761,250.960,1+ALB+ALT+BHBA+Orn+Lys;0.761,251.
565,1+ALB+AST+ALT+Val+Trp;0.761,253.929,1+ALB+AST+Arg+Thr+Ile;0.761,2
53.504,1+ALB+NEFA+Lys+Tyr+Trp;0.761,254.369,1+Ala+Gly+Lys+gGT+ALB;0.7
61,252.438,1+Gly+BCAA+Trp+ALT+ALB;0.761,251.462,1+ALB+ALT+gGT+Arg+Thr
;0.761,250.254,1+ALB+AST+ALT+Lys+Phe;0.761,249.966,1+ALB+AST+ALT+Orn+
Lys;0.760,253.907,1+ALB+T-BIL+Orn+Lys+Ile;0.760,252.576,1+ALB+Glc+His
+Orn+Lys;0.760,250.826,1+ALB+BUN+AST+Asp+Orn;0.760,250.048,1+ALB+AST+
ALT+NEFA+Lys;0.760,253.352,1+Ala+Gly+Trp+TCHO+ALB;0.760,252.682,1+ALB
+BUN+Asp+Tyr+Phe;0.760,251.212,1+ALB+ALT+gGT+Arg+Orn;0.760,251.000,1+

ALB+3MeHis+Asp+Lys+Phe;0.760,253.247,1+Lys+His+AST+ALB+TP;0.760,251.272,1+Ala+Arg+TCHO+ALT+ALB;0.760,250.836,1+ALB+NEFA+3MeHis+Asp+Lys;0.760,253.244,1+Trp+TG+ALT+ALB+BHBA;0.760,251.830,1+ALB+ALT+NEFA+Arg+Tyr;0.760,250.900,1+ALB+ALT+Orn+Lys+Val;0.760,252.010,1+Gly+Trp+TCHO+ALT+ALB;0.760,251.162,1+ALB+ALT+NEFA+Lys+Tyr;0.760,250.959,1+ALB+ALT+gGT+Orn+Lys;0.760,252.560,1+ALB+AST+Arg+Orn+Lys;0.760,252.141,1+ALB+AST+NEFA+Thr+Lys;0.760,251.658,1+ALB+BUN+AST+His+Orn;0.760,250.056,1+ALB+AST+ALT+His+Lys;0.760,253.336,1+ALB+AST+Thr+Lys+Ile;0.760,251.783,1+ALB+AST+T-BIL+His+Lys;0.760,253.681,1+ALB+3MeHis+Orn+Lys+Val;0.760,252.993,1+ALB+3MeHis+Orn+Lys+Trp;0.760,250.545,1+ALB+3MeHis+Asp+Lys+Tyr;0.760,252.734,1+ALB+ALT+NEFA+Val+Trp;0.760,252.634,1+Gly+Trp+ALT+gGT+ALB;0.760,248.944,1+ALB+ALT+NEFA+Asp+Lys;0.760,251.466,1+ALB+BUN+NEFA+Asp+Phe;0.760,250.702,1+ALB+BUN+ALT+Orn+Val;0.760,251.833,1+ALB+ALT+gGT+T-BIL+Arg;0.760,251.712,1+ALB+Asp+Lys+Tyr+Trp;0.760,251.153,1+ALB+ALT+NEFA+Thr+Lys;0.760,251.150,1+ALB+ALT+NEFA+Lys+Val;0.760,252.262,1+ALB+AST+T-BIL+Orn+Lys;0.760,252.102,1+ALB+AST+T-BIL+Arg+Lys;0.760,253.145,1+ALB+BHBA+His+Orn+Lys;0.760,254.094,1+ALB+Lys+Tyr+Phe+Trp;0.760,253.307,1+ALB+3MeHis+Lys+Phe+Trp;0.760,252.947,1+BCAA+Trp+ALT+ALB+NEFA;0.760,253.813,1+Ala+BCAA+Trp+Lys+ALB;0.760,251.787,1+Ala+Arg+ALT+gGT+ALB;0.760,251.734,1+ALB+ALT+Glc+His+Orn;0.760,251.223,1+ALB+Ca+ALT+Arg+Orn;0.760,250.743,1+ALB+BUN+Ca+ALT+Orn;0.760,252.337,1+BCAA+Trp+TCHO+ALT+ALB;0.760,252.677,1+ALB+BUN+3MeHis+Arg+Orn;0.760,252.967,1+BCAA+Trp+ALT+ALB+BHBA;0.760,251.137,1+Ala+Lys+Glc+ALT+ALB;0.760,252.305,1+ALB+AST+NEFA+His+Orn;0.760,250.998,1+ALB+AST+ALT+His+Orn;0.760,252.967,1+BCAA+Trp+ALT+gGT+ALB;0.760,251.380,1+ALB+ALT+Glc+Arg+Thr;0.760,251.821,1+ALB+ALT+gGT+BHBA+Arg;0.760,253.446,1+ALB+AST+Arg+Orn+Tyr;0.760,251.931,1+Trp+ALT+AST+ALB+BHBA;0.760,255.496,1+ALB+NEFA+Orn+Tyr+Phe;0.760,253.259,1+Trp+ALT+gGT+ALB+BHBA;0.760,253.195,1+ALB+NEFA+

3MeHis+Lys+Trp;0.760,251.769,1+ALB+ALT+NEFA+BHBA+Arg;0.760,250.094,1+ALB+ALT+Arg+Asp+Orn;0.760,250.782,1+Ala+Lys+TCHO+ALT+ALB;0.760,250.936,1+ALB+Ca+ALT+Orn+Lys;0.760,251.256,1+ALB+ALT+BHBA+His+Arg;0.760,253.241,1+Trp+TG+ALT+ALB+NEFA;0.760,249.044,1+ALB+ALT+Asp+Orn+Lys;0.760,251.106,1+ALB+Ca+ALT+His+Arg;0.760,251.134,1+ALB+AST+NEFA+Asp+Trp;0.760,250.644,1+ALB+3MeHis+Asp+Lys+Val;0.760,250.953,1+ALB+ALT+BHBA+Glc+Lys;0.760,252.010,1+ALB+ALT+T-BIL+His+Orn;0.760,251.923,1+ALB+AST+ALT+NEFA+Trp;0.760,253.246,1+Trp+TG+ALT+gGT+ALB;0.760,251.958,1+ALB+ALT+T-BIL+BHBA+Arg;0.760,253.002,1+ALB+3MeHis+Arg+Lys+Val;0.760,250.981,1+ALB+3MeHis+Asp+Orn+Lys;0.760,254.829,1+Ala+Gly+Trp+gGT+ALB;0.760,253.352,1+ALB+NEFA+His+Thr+Lys;0.759,252.721,1+ALB+ALT+3MeHis+Val+Trp;0.759,251.747,1+ALB+ALT+gGT+Glc+Arg;0.759,251.566,1+ALB+ALT+NEFA+Arg+Val;0.759,251.625,1+ALB+ALT+NEFA+T-BIL+Arg;0.759,252.915,1+ALB+AST+Orn+Lys+Tyr;0.759,250.639,1+ALB+Ca+ALT+His+Lys;0.759,249.820,1+ALB+AST+3MeHis+Asp+Trp;0.759,251.751,1+ALB+ALT+NEFA+Glc+Arg;0.759,255.617,1+Gly+Trp+Glc+TG+ALB;0.759,252.743,1+ALB+ALT+Tyr+Val+Trp;0.759,252.020,1+ALB+ALT+BHBA+His+Orn;0.759,250.349,1+ALB+AST+ALT+T-BIL+Lys;0.759,254.725,1+Ala+Gly+Arg+TG+ALB;0.759,253.247,1+ALB+3MeHis+Arg+Orn+Lys;0.759,249.164,1+ALB+ALT+Asp+Lys+Val;0.759,253.019,1+ALB+AST+T-BIL+Arg+Orn;0.759,253.884,1+ALB+AST+T-BIL+Orn+Ile;0.759,252.642,1+ALB+AST+Arg+Lys+Tyr;0.759,253.006,1+Trp+Glc+TCHO+AST+ALB;0.759,251.410,1+Trp+TCHO+ALT+AST+ALB;0.759,251.738,1+ALB+ALT+gGT+NEFA+Arg;0.759,252.553,1+ALB+AST+His+Thr+Orn;0.759,252.155,1+ALB+AST+3MeHis+Lys+Val;0.759,252.850,1+ALB+3MeHis+Lys+Val+Trp;0.759,251.849,1+Ala+BCAA+Arg+ALT+ALB;0.759,251.843,1+Ala+Arg+TG+ALT+ALB;0.759,251.129,1+ALB+ALT+Glc+Thr+Lys;0.759,248.334,1+ALB+AST+ALT+Asp+Lys;0.759,253.311,1+ALB+AST+His+Orn+Ile;0.759,251.454,1+ALB+AST+3MeHis+Orn+Lys;0.759,250.512,1+Lys+ALT+AST+ALB+TP;0.759,251.907,1+ALB+ALT+BHBA+Glc+Arg;0.759,251.900,1+ALB+ALT+T-BIL+Gl

c+Arg;0.759,251.407,1+ALB+ALT+Arg+Tyr+Val;0.759,252.616,1+ALB+AST+Glc
+Orn+Lys;0.759,254.466,1+ALB+AST+BHBA+Orn+Ile;0.759,251.374,1+ALB+ALT
+T-BIL+BHBA+Lys;0.759,251.737,1+ALB+AST+NEFA+Glc+Lys;0.759,253.249,1+
Trp+ALT+ALB+NEFA+BHBA;0.759,253.249,1+Trp+ALT+gGT+ALB+NEFA;0.759,250.
609,1+ALB+ALT+Arg+Asp+Tyr;0.759,251.398,1+ALB+ALT+gGT+BHBA+Lys;0.759,
251.371,1+ALB+ALT+T-BIL+Thr+Lys;0.759,252.947,1+ALB+AST+Orn+Lys+Val;0
.759,249.741,1+ALB+AST+ALT+Arg+Asp;0.759,252.686,1+Trp+TCHO+TG+ALT+AL
B;0.759,250.162,1+ALB+ALT+NEFA+Asp+Trp;0.759,251.973,1+ALB+ALT+NEFA+H
is+Orn;0.759,251.126,1+ALB+ALT+gGT+Glc+Lys;0.759,251.625,1+ALB+AST+AL
T+NEFA+Orn;0.759,251.447,1+Ala+Lys+TG+ALT+ALB;0.759,251.904,1+Trp+TG+
ALT+AST+ALB;0.759,251.745,1+BCAA+Trp+ALT+AST+ALB;0.759,253.548,1+Ala+
Trp+AST+ALB+TP;0.759,250.514,1+ALB+AST+ALT+BHBA+Lys;0.759,250.486,1+A
LB+AST+3MeHis+Arg+Asp;0.759,252.687,1+Trp+TCHO+ALT+ALB+BHBA;0.759,250
.571,1+ALB+Ca+ALT+Lys+Ile;0.759,250.017,1+Lys+TCHO+ALT+AST+ALB;0.759,
252.940,1+ALB+AST+Thr+Orn+Lys
;0.759,252.018,1+ALB+ALT+His+Orn+Ile;0.759,253.290,1+ALB+AST+gGT+His+
Orn;0.759,253.283,1+ALB+AST+BHBA+His+Orn;0.759,250.167,1+ALB+ALT+Asp+
Tyr+Trp;0.759,249.068,1+ALB+ALT+Asp+Lys+Tyr;0.759,252.980,1+ALB+AST+O
rn+Lys+Phe;0.759,251.335,1+ALB+AST+ALT+3MeHis+Orn;0.759,250.298,1+ALB
+AST+ALT+Glc+Lys;0.759,253.381,1+ALB+gGT+NEFA+His+Lys;0.759,251.743,1
+ALB+Ca+ALT+gGT+Arg;0.759,251.820,1+ALB+AST+3MeHis+Arg+Orn;0.759,251.
447,1+Ala+Lys+ALT+gGT+ALB;0.759,252.957,1+ALB+AST+BHBA+Arg+Lys;0.759,
252.965,1+ALB+AST+BHBA+Orn+Lys;0.759,250.579,1+BCAA+Lys+ALT+AST+ALB;0
.759,251.747,1+ALB+Ca+ALT+Glc+Arg;0.759,254.461,1+ALB+3MeHis+Lys+Tyr+
Phe;0.759,251.451,1+Ala+Lys+Thr+ALT+ALB;0.759,251.446,1+ALB+ALT+Lys+T
yr+Val;0.759,251.375,1+ALB+ALT+gGT+T-BIL+Lys;0.759,252.687,1+Trp+TCHO
+ALT+ALB+NEFA;0.759,253.989,1+ALB+3MeHis+Orn+Lys+Tyr;0.759,254.310,1+
ALB+3MeHis+Lys+Val+Phe;0.759,251.114,1+ALB+ALT+His+Thr+Orn;0.759,251.

397, 1+ALB+ALT+BHBA+Thr+Lys;0.759, 251.341, 1+BCAA+Lys+ALT+ALB+TP;0.759, 253.260, 1+Ala+Trp+Glc+AST+ALB;0.758, 251.119, 1+ALB+Ca+ALT+NEFA+Lys;0.758, 252.597, 1+Gly+Trp+ALT+ALB+Ca;0.758, 251.763, 1+ALB+Ca+ALT+NEFA+Arg;0.758, 253.004, 1+ALB+AST+Arg+Lys+Phe;0.758, 251.955, 1+ALB+BUN+AST+T-BIL+Orn;0.758, 254.029, 1+ALB+AST+gGT+T-BIL+Orn;0.758, 251.988, 1+ALB+AST+gGT+NEFA+Lys;0.758, 252.057, 1+ALB+Ca+AST+NEFA+Lys;0.758, 252.693, 1+Trp+TCH+ALT+gGT+ALB;0.758, 252.258, 1+ALB+AST+NEFA+Arg+Asp;0.758, 251.799, 1+Trp+ALT+AST+gGT+ALB;0.758, 251.671, 1+ALB+AST+ALT+Orn+Ile;0.758, 250.620, 1+Ala+Lys+ALT+AST+ALB;0.758, 251.107, 1+ALB+Ca+ALT+Glc+Lys;0.758, 251.876, 1+Ala+Arg+Glc+ALT+ALB;0.758, 253.762, 1+ALB+AST+Orn+Tyr+Phe;0.758, 253.548, 1+Trp+AST+ALB+TP+NEFA;0.758, 252.128, 1+ALB+AST+3MeHis+Lys+Phe;0.758, 252.595, 1+ALB+ALT+NEFA+3MeHis+Orn;0.758, 254.403, 1+ALB+BUN+Thr+Orn+Ile;0.758, 252.006, 1+ALB+ALT+gGT+His+Orn;0.758, 251.452, 1+ALB+ALT+gGT+Thr+Lys;0.758, 251.755, 1+ALB+AST+Arg+Asp+Lys;0.758, 254.431, 1+ALB+Ca+AST+Orn+Ile;0.758, 252.928, 1+BCAA+Trp+ALT+ALB+Ca;0.758, 254.442, 1+ALB+AST+gGT+Orn+Ile;0.758, 251.410, 1+Ala+BCAA+Lys+ALT+ALB;0.758, 253.137, 1+Ala+Trp+AST+ALB+NEFA;0.758, 251.736, 1+ALB+AST+ALT+Tyr+Trp;0.758, 251.526, 1+ALB+AST+ALT+Thr+Orn;0.758, 253.654, 1+Ala+Trp+TG+AST+ALB;0.758, 250.624, 1+ALB+AST+ALT+Lys+Val;0.758, 250.623, 1+Lys+TG+ALT+AST+ALB;0.758, 255.557, 1+Gly+Trp+Glc+gGT+ALB;0.758, 252.989, 1+ALB+AST+Arg+Thr+Lys;0.758, 250.568, 1+ALB+AST+ALT+gGT+Lys;0.758, 253.661, 1+ALB+AST+NEFA+Orn+Tyr;0.758, 251.458, 1+ALB+AST+Asp+Val+Trp;0.758, 252.667, 1+ALB+AST+NEFA+Orn+Phe;0.758, 252.044, 1+ALB+BUN+AST+NEFA+Orn;0.758, 250.626, 1+ALB+AST+ALT+Thr+Lys;0.758, 253.103, 1+ALB+AST+His+Lys+Ile;0.758, 254.220, 1+ALB+AST+Glc+Orn+Ile;0.758, 252.999, 1+ALB+AST+Glc+His+Orn;0.758, 253.652, 1+Ala+BCAA+Trp+AST+ALB;0.758, 250.619, 1+ALB+AST+ALT+Lys+Tyr;0.758, 251.867, 1+ALB+Ca+ALT+T-BIL+Arg;0.758, 253.270, 1+ALB+Ca+AST+His+Orn;0.758, 251.492, 1+ALB+AST+Asp+Phe+Trp;0.758, 253.962, 1+ALB+NEFA+3MeHis+Lys+Phe;0.758, 253.511,

1+ALB+AST+Arg+Thr+Orn;0.758, 252.973, 1+ALB+AST+gGT+Orn+Lys;0.758, 253.612, 1+Ala+Trp+AST+ALB+BHBA;0.758, 251.904, 1+ALB+BUN+AST+3MeHis+Orn;0.758, 252.254, 1+ALB+AST+T-BIL+Glc+Lys;0.758, 253.743, 1+Trp+Glc+TG+AST+ALB;0.758, 252.234, 1+ALB+AST+3MeHis+Lys+Tyr;0.758, 254.850, 1+ALB+3MeHis+Orn+Val+Phe;0.758, 253.973, 1+ALB+AST+T-BIL+Thr+Orn;0.758, 252.341, 1+ALB+ALT+Thr+Orn+Ile;0.758, 253.600, 1+ALB+AST+NEFA+BHBA+Orn;0.758, 253.513, 1+ALB+AST+NEFA+Thr+Orn;0.758, 253.376, 1+ALB+AST+gGT+Lys+Ile;0.757, 253.915, 1+ALB+AST+T-BIL+BHBA+Orn;0.757, 253.553, 1+ALB+AST+gGT+NEFA+Orn;0.757, 251.905, 1+Trp+ALT+AST+ALB+Ca;0.757, 253.095, 1+Ala+Trp+TCHO+AST+ALB;0.757, 251.846, 1+ALB+Ca+ALT+BHBA+Arg;0.757, 252.568, 1+ALB+ALT+3MeHis+Orn+Val;0.757, 253.563, 1+ALB+AST+BHBA+Arg+Orn;0.757, 252.787, 1+ALB+AST+Glc+His+Lys;0.757, 253.235, 1+ALB+AST+BHBA+His+Lys;0.757, 253.092, 1+ALB+AST+NEFA+3MeHis+Orn;0.757, 252.076, 1+ALB+AST+NEFA+Asp+Orn;0.757, 249.920, 1+ALB+AST+ALT+Asp+Orn;0.757, 253.985, 1+Trp+TG+AST+ALB+TP;0.757, 252.867, 1+ALB+AST+T-BIL+Thr+Lys;0.757, 253.663, 1+ALB+AST+NEFA+T-BIL+Orn;0.757, 251.571, 1+ALB+AST+Asp+Orn+Lys;0.757, 253.652, 1+ALB+AST+NEFA+Orn+Val;0.757, 252.931, 1+ALB+AST+T-BIL+BHBA+Lys;0.757, 251.340, 1+ALB+Ca+ALT+T-BIL+Lys;0.757, 253.634, 1+ALB+AST+T-BIL+Glc+Orn;0.757, 254.468, 1+ALB+AST+gGT+Thr+Orn;0.757, 253.588, 1+Ala+Trp+AST+gGT+ALB;0.757, 252.654, 1+Trp+TCHO+ALT+ALB+Ca;0.757, 252.338, 1+ALB+ALT+Glc+Thr+Orn;0.757, 252.742, 1+ALB+ALT+NEFA+Thr+Orn;0.757, 251.725, 1+ALB+AST+ALT+T-BIL+Orn;0.757, 253.464, 1+Trp+TCHO+AST+ALB+TP;0.757, 251.944, 1+ALB+Ca+ALT+His+Orn;0.757, 254.991, 1+Ala+Trp+Glc+TCHO+ALB;0.757, 253.383, 1+ALB+AST+Arg+Orn+Phe;0.757, 252.342, 1+ALB+BUN+AST+Thr+Orn;0.757, 253.359, 1+ALB+AST+BHBA+Lys+Ile;0.757, 253.891, 1+Trp+AST+ALB+TP+BHBA;0.757, 250.770, 1+ALB+AST+3MeHis+Asp+Orn;0.757, 252.673, 1+ALB+BUN+AST+BHBA+Orn;0.757, 254.476, 1+ALB+AST+BHBA+Thr+Orn;0.757, 251.353, 1+ALB+Ca+ALT+BHBA+Lys;0.757, 252.723, 1+ALB+ALT+BHBA+Thr+Orn;0.757, 252.446, 1+ALB+AST+3MeHis+Orn+Phe;0.757, 253.588, 1+Trp+G

lc+AST+ALB+TP;0.757,253.373,1+ALB+AST+NEFA+Glc+0rn;0.757,253.904,1+BCAA+Trp+AST+ALB+TP;0.757,253.533,1+ALB+Ca+AST+Arg+0rn;0.757,253.162,1+ALB+AST+NEFA+Arg+Thr;0.757,254.044,1+ALB+Ca+AST+T-BIL+0rn;0.757,253.938,1+ALB+AST+0rn+Val+Phe;0.757,251.778,1+ALB+AST+ALT+BHBA+0rn;0.757,253.829,1+Gly+Trp+Glc+TCHO+ALB;0.757,251.567,1+ALB+AST+ALT+Glc+0rn;0.757,251.718,1+ALB+AST+ALT+0rn+Val;0.756,253.539,1+Ala+Trp+AST+ALB+Ca;0.756,252.861,1+ALB+AST+Glc+Lys+Ile;0.756,256.041,1+ALB+NEFA+0rn+Val+Phe;0.756,251.734,1+ALB+AST+ALT+gGT+0rn;0.756,256.218,1+Ala+Trp+Glc+ALB+NEFA;0.756,253.640,1+ALB+Ca+AST+NEFA+0rn;0.756,252.460,1+ALB+BUN+ALT+NEFA+Val;0.756,250.986,1+ALB+ALT+NEFA+Asp+0rn;0.756,252.607,1+ALB+BUN+AST+Glc+0rn;0.756,254.610,1+ALB+AST+gGT+BHBA+0rn;0.756,253.410,1+ALB+AST+Glc+Arg+0rn;0.756,253.667,1+Trp+Glc+AST+gGT+ALB;0.756,253.922,1+Trp+AST+gGT+ALB+TP;0.756,252.734,1+ALB+AST+Glc+Arg+Lys;0.756,251.415,1+ALB+Ca+ALT+gGT+Lys;0.756,251.420,1+ALB+Ca+ALT+Thr+Lys;0.756,251.986,1+ALB+BUN+AST+ALT+Val;0.756,256.074,1+Gly+BCAA+Trp+TG+ALB;0.756,254.383,1+ALB+AST+gGT+Glc+0rn;0.756,251.646,1+ALB+AST+ALT+0rn+Tyr;0.756,253.451,1+ALB+AST+3MeHis+0rn+Val;0.756,250.587,1+ALB+Ca+AST+ALT+Lys;0.756,252.946,1+ALB+Ca+AST+0rn+Lys;0.756,253.652,1+BCAA+Trp+Glc+AST+ALB;0.756,253.644,1+Trp+TCHO+TG+AST+ALB;0.756,253.362,1+ALB+Ca+AST+His+Lys;0.756,252.045,1+BCAA+TCHO+ALT+ALB+BUN;0.756,250.993,1+ALB+ALT+Asp+0rn+Tyr;0.755,253.504,1+BCAA+Trp+TCHO+AST+ALB;0.755,251.742,1+ALB+Ca+AST+ALT+0rn;0.755,252.567,1+BCAA+TG+ALT+ALB+BUN;0.755,254.328,1+ALB+AST+BHBA+Glc+0rn;0.755,254.043,1+ALB+AST+BHBA+Thr+Lys;0.755,253.924,1+Trp+AST+ALB+TP+Ca;0.755,252.727,1+ALB+ALT+T-BIL+Thr+0rn;0.755,252.723,1+ALB+ALT+gGT+Thr+0rn;0.755,250.837,1+ALB+ALT+Asp+0rn+Val;0.755,252.621,1+BCAA+ALT+ALB+BUN+NEFA;0.755,252.564,1+BCAA+Glc+ALT+ALB+BUN;0.755,253.572,1+ALB+BUN+ALT+T-BIL+Ile;0.755,252.514,1+Gly+BCAA+ALT+ALB+BUN;0.755,256.043,1+Gly+BCAA+Trp+gGT+ALB;0.755,251.948,1+ALB+AST+Asp+

Lys+Tyr;0.755, 252.718, 1+ALB+Ca+ALT+Thr+Orn;0.755, 256.480, 1+Ala+BCAA+Trp+Glc+ALB;0.755, 254.106, 1+BCAA+Trp+TG+AST+ALB;0.755, 254.602, 1+ALB+Ca+AST+BHBA+Orn;0.755, 252.631, 1+BCAA+ALT+gGT+ALB+BUN;0.755, 256.109, 1+Gly+Trp+TG+gGT+ALB;0.755, 252.334, 1+BCAA+ALT+ALB+BUN+BHBA;0.755, 254.085, 1+Trp+TG+AST+gGT+ALB;0.755, 254.450, 1+ALB+Ca+AST+Thr+Orn;0.755, 254.109, 1+ALB+AST+Glc+Thr+Orn;0.755, 256.483, 1+Ala+Trp+Glc+TG+ALB;0.755, 254.334, 1+ALB+Ca+AST+Glc+Orn;0.754, 252.123, 1+ALB+AST+Asp+Lys+Val;0.754, 255.204, 1+BCAA+Trp+Glc+TCHO+ALB;0.754, 253.524, 1+Trp+TCHO+AST+gGT+ALB;0.754, 254.594, 1+ALB+Ca+AST+gGT+Orn;0.754, 255.411, 1+Ala+Trp+TCHO+ALB+NEFA;0.754, 255.536, 1+Ala+Gly+BCAA+ALB+BUN;0.754, 253.988, 1+BCAA+Trp+AST+gGT+ALB;0.754, 256.295, 1+Ala+Trp+Glc+gGT+ALB;0.753, 255.778, 1+Ala+Trp+TCHO+TG+ALB;0.753, 252.181, 1+BCAA+ALT+AST+ALB+BUN;0.753, 254.617, 1+Gly+BCAA+Trp+TCHO+ALB;0.753, 256.731, 1+Ala+Trp+TG+ALB+NEFA;0.753, 254.746, 1+Gly+Trp+TCHO+TG+ALB;0.753, 254.779, 1+Gly+Trp+TCHO+gGT+ALB;0.753, 255.708, 1+Ala+BCAA+Trp+TCHO+ALB;0.753, 256.706, 1+Ala+BCAA+Trp+ALB+NEFA;0.752, 255.725, 1+Ala+Trp+TCHO+gGT+ALB;0.751, 256.912, 1+Ala+BCAA+Trp+TG+ALB;0.751, 254.297, 1+Gly+BCAA+ALT+AST+ALB;0.750, 256.799, 1+Ala+Trp+TG+gGT+ALB;0.750, 254.642, 1+Ala+Gly+AST+ALB+BUN;0.750, 256.784, 1+Ala+BCAA+Trp+gGT+ALB;0.750, 256.660, 1+BCAA+Trp+Glc+gGT+ALB;0.749, 257.065, 1+Ala+Gly+TG+ALB+BUN;0.749, 256.040, 1+BCAA+Trp+TCHO+TG+ALB;0.749, 254.857, 1+Ala+BCAA+AST+ALB+BUN;0.749, 254.655, 1+BCAA+Glc+TCHO+ALT+ALB;0.748, 255.212, 1+Gly+BCAA+TG+ALT+ALB;0.748, 255.092, 1+Gly+BCAA+Glc+ALT+ALB;0.748, 259.526, 1+Ala+Gly+BCAA+Glc+ALB;0.748, 255.433, 1+Ala+Gly+TCHO+ALB+BUN;0.748, 254.368, 1+Gly+BCAA+TCHO+ALT+ALB;0.748, 256.783, 1+Ala+Gly+gGT+ALB+BUN;0.748, 255.616, 1+BCAA+Glc+TG+ALT+ALB;0.748, 257.176, 1+Gly+BCAA+Glc+AST+ALB;0.748, 255.265, 1+Gly+BCAA+ALT+gGT+ALB;0.747, 257.484, 1+Gly+BCAA+TG+AST+ALB;0.747, 254.308, 1+BCAA+TCHO+ALT+AST+ALB;0.747, 257.414, 1+Gly+BCAA+AST+gGT+ALB;0.746, 256.171, 1+Gly+Glc+ALT+ALB+BUN;0.746, 254.952, 1+BCAA+TCH

O+TG+ALT+ALB;0.746, 255.764, 1+BCAA+TG+ALT+gGT+ALB;0.746, 256.284, 1+Gly+
 BCAA+TCHO+AST+ALB;0.746, 255.609, 1+BCAA+Glc+ALT+gGT+ALB;0.746, 255.009,
 1+BCAA+ALT+AST+gGT+ALB;0.746, 259.731, 1+Ala+Gly+BCAA+TG+ALB;0.746, 255.
 033, 1+BCAA+TG+ALT+AST+ALB;0.746, 254.944, 1+BCAA+TCHO+ALT+gGT+ALB;0.746
 , 256.864, 1+Ala+BCAA+Glc+ALB+BUN;0.746, 256.177, 1+Gly+ALT+gGT+ALB+BUN;0
 .746, 254.995, 1+Gly+BCAA+AST+ALB+BUN;0.745, 256.882, 1+Ala+BCAA+TG+ALB+B
 UN;0.745, 258.532, 1+Ala+Gly+TG+AST+ALB;0.745, 254.880, 1+BCAA+Glc+ALT+AS
 T+ALB;0.745, 259.507, 1+Ala+Gly+BCAA+gGT+ALB;0.745, 258.539, 1+Ala+Gly+AS
 T+gGT+ALB;0.745, 255.582, 1+Ala+BCAA+TCHO+ALB+BUN;0.744, 255.771, 1+BCAA+
 AST+gGT+ALB+BUN;0.744, 255.804, 1+BCAA+TG+AST+ALB+BUN;0.744, 258.470, 1+A
 la+Gly+Glc+AST+ALB;0.743, 257.325, 1+Ala+Gly+BCAA+TCHO+ALB;0.743, 255.65
 6, 1+Gly+TCHO+ALT+ALB+BUN;0.743, 255.636, 1+BCAA+Glc+AST+ALB+BUN;0.743, 2
 56.662, 1+Ala+BCAA+gGT+ALB+BUN;0.742, 257.330, 1+Ala+Gly+TCHO+AST+ALB;0.
 741, 256.790, 1+Ala+TCHO+AST+ALB+BUN;0.740, 257.447, 1+Ala+AST+gGT+ALB+BU
 N;0.739, 258.925, 1+Ala+BCAA+AST+gGT+ALB;0.738, 257.394, 1+Ala+TG+AST+ALB
 +BUN;0.738, 258.898, 1+Ala+BCAA+TG+AST+ALB;0.738, 258.252, 1+Ala+Glc+TCHO
 +ALB+BUN;0.737, 258.693, 1+Ala+BCAA+Glc+AST+ALB

[0153] [4 1 5 . 産次項を加えることで診断精度が向上する式（アミノ酸＋生化学
6変数）]

0.786, 247.898, 1+BCAA+Trp+Phe+ALT+ALB+BUN;0.786, 248.158, 1+ALB+BUN+ALT+
 Tyr+Phe+Trp;0.783, 247.116, 1+Trp+Phe+His+ALT+ALB+BUN;0.783, 249.774, 1+B
 CAA+Trp+Lys+Phe+ALB+BUN;0.783, 249.719, 1+Ala+Trp+Phe+His+ALB+BUN;0.783
 , 248.348, 1+ALB+BUN+ALT+Val+Phe+Trp;0.782, 248.330, 1+Ala+Trp+Lys+His+AL
 B+BUN;0.782, 246.647, 1+Lys+Phe+His+ALT+ALB+BUN;0.782, 247.427, 1+BCAA+Ly
 s+Phe+ALT+ALB+BUN;0.782, 248.542, 1+Trp+Lys+His+ALB+BUN+TP;0.781, 249.09
 8, 1+ALB+BUN+ALT+Orn+Tyr+Phe;0.781, 248.138, 1+Lys+Phe+Tyr+ALT+ALB+BUN;0
 .781, 247.887, 1+ALB+BUN+ALT+Lys+Phe+Trp;0.781, 248.679, 1+Trp+Thr+Phe+AL
 T+ALB+BUN;0.781, 248.901, 1+ALB+BUN+ALT+Arg+Tyr+Phe;0.781, 247.859, 1+Arg

+Phe+His+ALT+ALB+BUN;0.780,248.772,1+Trp+Phe+ALT+gGT+ALB+BUN;0.780,248.798,1+Trp+Phe+ALT+ALB+BUN;0.780,248.715,1+Trp+Phe+Glc+ALT+ALB+BUN;0.780,248.606,1+Trp+Phe+TG+ALT+ALB+BUN;0.780,248.788,1+ALB+BUN+ALT+NEFA+Phe+Trp;0.780,249.831,1+Ala+BCAA+Trp+Lys+ALB+BUN;0.780,249.482,1+Gly+BCAA+Trp+Lys+ALB+BUN;0.780,248.515,1+Gly+Trp+Phe+ALT+ALB+BUN;0.779,248.731,1+Trp+Phe+ALT+ALB+BUN+Ca;0.779,249.720,1+Gly+BCAA+Phe+ALT+ALB+BUN;0.779,247.579,1+BCAA+Trp+Lys+ALT+ALB+BUN;0.779,248.460,1+Trp+Phe+TCHO+ALT+ALB+BUN;0.779,248.701,1+Trp+Phe+ALT+ALB+BUN+BHBA;0.779,248.020,1+ALB+BUN+ALT+Lys+Val+Phe;0.779,250.509,1+BCAA+Trp+Lys+TG+ALB+BUN;0.779,246.967,1+Trp+Lys+His+ALT+ALB+BUN;0.779,250.212,1+BCAA+Trp+Lys+Glc+ALB+BUN;0.779,250.273,1+BCAA+Trp+Lys+ALB+BUN+NEFA;0.779,250.815,1+ALB+BUN+Lys+Val+Phe+Trp;0.779,250.242,1+BCAA+Trp+Arg+Lys+ALB+BUN;0.779,251.505,1+ALB+BUN+Arg+Tyr+Phe+Trp;0.779,251.625,1+Ala+Trp+Phe+Tyr+ALB+BUN;0.778,251.598,1+Ala+BCAA+Trp+Phe+ALB+BUN;0.778,248.871,1+Gly+Phe+His+ALT+ALB+BUN;0.778,250.695,1+Ala+Trp+Lys+Tyr+ALB+BUN;0.778,248.374,1+ALB+BUN+ALT+Arg+Phe+Trp;0.778,248.556,1+ALB+BUN+ALT+Orn+Phe+Trp;0.778,247.930,1+ALB+BUN+ALT+Lys+Val+Trp;0.778,249.770,1+Gly+Phe+Tyr+ALT+ALB+BUN;0.778,248.164,1+Ala+Trp+Lys+ALT+ALB+BUN;0.778,249.080,1+ALB+BUN+ALT+Orn+Val+Phe;0.778,249.178,1+ALB+BUN+ALT+Arg+Tyr+Trp;0.778,248.111,1+ALB+BUN+ALT+3MeHis+Lys+Phe;0.778,250.705,1+Lys+Phe+His+ALB+BUN+TP;0.778,249.947,1+Gly+Phe+ALT+gGT+ALB+BUN;0.778,248.514,1+BCAA+Trp+Lys+ALB+BUN;0.778,249.992,1+BCAA+Trp+Lys+ALB+BUN+TP;0.778,248.347,1+Trp+Lys+Tyr+ALT+ALB+BUN;0.778,248.347,1+ALB+BUN+ALT+Lys+Tyr+Trp;0.778,250.752,1+ALB+BUN+Lys+Tyr+Phe+Trp;0.778,249.790,1+Ala+Trp+Arg+His+ALB+BUN;0.778,250.512,1+BCAA+Trp+Lys+gGT+ALB+BUN;0.778,246.442,1+ALB+BUN+ALT+Asp+Lys+Phe;0.778,250.503,1+ALB+ALT+Arg+Tyr+Phe+Trp;0.777,249.852,1+ALB+BUN+Asp+Tyr+Phe+Trp;0.777,250.176,1+ALB+BUN+3MeHis+Lys+Val+Trp;0.777,248.223,1+Gly+Lys+Phe+ALT+ALB+BUN;0.777,248.295,1+Trp+Lys

s+Glc+ALT+ALB+BUN;0.777,250.108,1+Ala+Gly+Lys+His+ALB+BUN;0.777,249.244,1+BCAA+Trp+Arg+ALT+ALB+BUN;0.777,247.960,1+Gly+Phe+ALT+ALB+BUN;0.777,248.785,1+BCAA+Trp+Lys+AST+ALB+BUN;0.777,251.159,1+ALB+BUN+3MeHis+Lys+Val+Phe;0.777,246.045,1+ALB+BUN+ALT+Asp+Lys+Trp;0.777,250.189,1+Ala+Gly+Trp+His+ALB+BUN;0.777,248.265,1+Gly+Trp+Lys+ALT+ALB+BUN;0.777,248.280,1+Trp+Lys+Thr+ALT+ALB+BUN;0.776,250.393,1+Ala+Gly+Trp+Lys+ALB+BUN;0.776,251.023,1+ALB+BUN+Lys+Tyr+Val+Trp;0.776,251.082,1+ALB+BUN+Orn+Lys+Val+Trp;0.776,248.481,1+Trp+Lys+ALT+gGT+ALB+BUN;0.776,249.550,1+Gly+Phe+TCHO+ALT+ALB+BUN;0.776,251.771,1+Ala+Trp+Arg+Tyr+ALB+BUN;0.776,248.377,1+ALB+BUN+AST+ALT+Phe+Trp;0.776,249.027,1+ALB+BUN+Asp+Lys+Val+Trp;0.776,250.804,1+ALB+BUN+His+Arg+Lys+Ile;0.776,249.395,1+ALB+BUN+ALT+Arg+Val+Trp;0.776,248.095,1+Ala+Lys+His+ALT+ALB+BUN;0.776,250.433,1+BCAA+Trp+Lys+Thr+ALB+BUN;0.776,249.284,1+ALB+BUN+ALT+3MeHis+Arg+Trp;0.776,248.253,1+ALB+BUN+ALT+Arg+Lys+Trp;0.776,248.492,1+ALB+BUN+ALT+Arg+Lys+Phe;0.776,248.546,1+ALB+BUN+ALT+NEFA+Lys+Phe;0.776,249.168,1+Trp+Arg+TG+ALT+ALB+BUN;0.776,247.435,1+ALB+BUN+ALT+Arg+Asp+Trp;0.776,251.380,1+Ala+Gly+Trp+Phe+ALB+BUN;0.776,249.485,1+ALB+BUN+ALT+Arg+Val+Phe;0.776,251.019,1+ALB+BUN+Arg+Lys+Val+Trp;0.776,248.442,1+Trp+Lys+ALT+ALB+BUN+BHBA;0.776,251.743,1+ALB+BUN+His+Thr+Lys+Ile;0.776,249.352,1+ALB+BUN+ALT+NEFA+Arg+Trp;0.776,248.420,1+Trp+Lys+TG+ALT+ALB+BUN;0.775,249.403,1+ALB+BUN+ALT+Arg+Orn+Trp;0.775,250.879,1+ALB+BUN+NEFA+Lys+Val+Trp;0.775,249.076,1+Gly+Trp+Arg+ALT+ALB+BUN;0.775,250.874,1+ALB+BUN+Arg+Lys+Tyr+Trp;0.775,252.372,1+ALB+BUN+NEFA+Tyr+Phe+Trp;0.775,248.607,1+Lys+Phe+ALT+gGT+ALB+BUN;0.775,248.040,1+ALB+BUN+3MeHis+Asp+Lys+Trp;0.775,247.451,1+Trp+Arg+ALT+ALB+BUN;0.775,249.451,1+Trp+Arg+ALT+ALB+BUN+BHBA;0.775,248.342,1+ALB+BUN+ALT+3MeHis+Lys+Trp;0.775,248.355,1+ALB+BUN+ALT+T-BIL+His+Lys;0.775,249.467,1+ALB+BUN+ALT+NEFA+Arg+Phe;0.775,249.451,1+Trp+Arg+ALT+gGT+ALB+BUN;0.775,249.560,1+ALB

+BUN+ALT+NEFA+Orn+Phe;0.775, 250.678, 1+Ala+Trp+Lys+Thr+ALB+BUN;0.775, 248.503, 1+ALB+BUN+ALT+Orn+Lys+Trp;0.775, 249.393, 1+ALB+BUN+AST+Lys+Val+Trp;0.775, 249.355, 1+Trp+Arg+Glc+ALT+ALB+BUN;0.775, 250.723, 1+ALB+BUN+NEFA+His+Lys+Ile;0.775, 247.723, 1+ALB+BUN+ALT+Asp+Orn+Trp;0.775, 247.581, 1+ALB+BUN+ALT+Arg+Lys+Ile;0.775, 251.758, 1+ALB+BUN+NEFA+Lys+Tyr+Phe;0.775, 248.616, 1+ALB+BUN+ALT+Orn+Lys+Phe;0.775, 246.510, 1+Trp+Lys+ALT+ALB+BUN;0.775, 247.731, 1+ALB+BUN+ALT+His+Arg+Lys;0.775, 248.089, 1+Trp+Lys+TCHO+ALT+ALB+BUN;0.775, 249.353, 1+ALB+BUN+ALT+Arg+Orn+Phe;0.775, 250.082, 1+ALB+BUN+AST+ALT+Tyr+Phe;0.775, 248.528, 1+ALB+BUN+Asp+Lys+Tyr+Trp;0.775, 251.747, 1+ALB+BUN+Orn+Tyr+Phe+Trp;0.775, 252.246, 1+Ala+Trp+Thr+Phe+ALB+BUN;0.775, 248.488, 1+ALB+BUN+ALT+NEFA+Lys+Trp;0.775, 251.213, 1+Ala+Gly+Trp+Arg+ALB+BUN;0.775, 251.210, 1+Ala+Trp+Lys+Glc+ALB+BUN;0.775, 250.853, 1+ALB+BUN+3MeHis+Lys+Tyr+Trp;0.775, 251.963, 1+ALB+BUN+Orn+Val+Phe+Trp;0.774, 251.911, 1+Ala+Gly+Trp+ALB+BUN+NEFA;0.774, 250.539, 1+ALB+BUN+T-BIL+His+Lys+Ile;0.774, 251.201, 1+Ala+Trp+Lys+ALB+BUN+TP;0.774, 247.908, 1+ALB+BUN+ALT+Asp+Tyr+Trp;0.774, 248.332, 1+ALB+BUN+ALT+His+Lys+Ile;0.774, 248.624, 1+ALB+BUN+ALT+Thr+Lys+Ile;0.774, 248.804, 1+ALB+BUN+ALT+gGT+Lys+Ile;0.774, 249.054, 1+Trp+Arg+TCHO+ALT+ALB+BUN;0.774, 251.407, 1+Ala+Trp+Lys+TG+ALB+BUN;0.774, 251.733, 1+ALB+BUN+3MeHis+Lys+Tyr+Phe;0.774, 249.550, 1+ALB+BUN+Asp+Orn+Lys+Trp;0.774, 251.934, 1+ALB+BUN+Arg+Thr+Lys+Ile;0.774, 251.185, 1+ALB+BUN+T-BIL+Arg+Lys+Ile;0.774, 252.690, 1+ALB+BUN+Tyr+Val+Phe+Trp;0.774, 251.883, 1+ALB+BUN+NEFA+Lys+Val+Phe;0.774, 247.826, 1+ALB+BUN+ALT+NEFA+Asp+Trp;0.774, 253.101, 1+Ala+Gly+BCAA+Trp+Lys+ALB;0.774, 248.477, 1+ALB+BUN+ALT+Glc+His+Lys;0.774, 250.779, 1+ALB+BUN+Asp+Lys+Tyr+Phe;0.774, 249.236, 1+ALB+BUN+AST+ALT+Arg+Phe;0.774, 250.684, 1+Ala+Trp+Lys+TCHO+ALB+BUN;0.774, 251.627, 1+Ala+Gly+BCAA+Lys+ALB+BUN;0.774, 248.540, 1+ALB+BUN+ALT+NEFA+His+Lys;0.774, 251.371, 1+Ala+Trp+Lys+Phe+ALB+BUN;0.774, 248.699, 1+ALB+BUN+3MeHis+Asp+Lys+Phe;0.774, 250.4

00, 1+ALB+BUN+T-BIL+Glc+His+Lys;0.774, 250.948, 1+ALB+BUN+NEFA+Arg+Lys+Ile;0.774, 248.412, 1+ALB+BUN+ALT+BHBA+His+Lys;0.774, 248.837, 1+Ala+Gly+Lys+ALT+ALB+BUN;0.774, 248.701, 1+ALB+BUN+ALT+gGT+His+Lys;0.773, 250.801, 1+ALB+BUN+AST+Tyr+Phe+Trp;0.773, 251.312, 1+ALB+BUN+Orn+Lys+Tyr+Trp;0.773, 248.573, 1+ALB+BUN+ALT+His+Thr+Lys;0.773, 250.219, 1+ALB+BUN+ALT+Orn+Val+Trp;0.773, 251.134, 1+ALB+BUN+NEFA+Lys+Tyr+Trp;0.773, 248.639, 1+ALB+BUN+ALT+Orn+Lys+Ile;0.773, 251.973, 1+Ala+Gly+Trp+TG+ALB+BUN;0.773, 250.177, 1+ALB+BUN+ALT+Arg+Thr+Ile;0.773, 249.411, 1+Ala+Trp+Lys+ALB+BUN;0.773, 252.302, 1+ALB+BUN+3MeHis+Val+Phe+Trp;0.773, 251.445, 1+ALB+ALT+Orn+Tyr+Phe+Trp;0.773, 252.447, 1+Ala+Trp+Arg+Glc+ALB+BUN;0.773, 247.942, 1+ALB+BUN+ALT+Asp+Val+Trp;0.773, 250.581, 1+ALB+ALT+Arg+Lys+Tyr+Trp;0.773, 248.453, 1+Trp+Lys+ALT+ALB+BUN+Ca;0.773, 252.854, 1+ALB+BUN+NEFA+Val+Phe+Trp;0.773, 248.285, 1+ALB+BUN+AST+ALT+Lys+Phe;0.773, 248.548, 1+ALB+BUN+ALT+T-BIL+Lys+Ile;0.773, 249.211, 1+ALB+BUN+AST+ALT+Orn+Phe;0.773, 251.319, 1+Ala+Trp+Lys+ALB+BUN+BHBA;0.773, 252.215, 1+ALB+BUN+3MeHis+Tyr+Phe+Trp;0.773, 251.078, 1+Trp+Glc+TG+ALT+ALB+BUN;0.773, 247.916, 1+ALB+BUN+AST+ALT+Lys+Trp;0.773, 250.442, 1+ALB+BUN+AST+Arg+Tyr+Trp;0.773, 248.652, 1+ALB+BUN+ALT+NEFA+Lys+Ile;0.773, 249.585, 1+ALB+BUN+NEFA+Asp+Lys+Trp;0.773, 252.566, 1+Ala+Trp+Phe+TG+ALB+BUN;0.773, 250.325, 1+ALB+BUN+ALT+Orn+Tyr+Trp;0.773, 248.618, 1+ALB+BUN+ALT+Glc+Lys+Ile;0.773, 249.550, 1+ALB+BUN+AST+Lys+Tyr+Trp;0.773, 251.053, 1+ALB+BUN+NEFA+His+Thr+Lys;0.773, 249.705, 1+ALB+BUN+Asp+Lys+Phe+Trp;0.773, 250.980, 1+ALB+BUN+Asp+Val+Phe+Trp;0.773, 252.479, 1+Ala+Trp+Phe+Glc+ALB+BUN;0.773, 252.508, 1+Ala+Trp+Arg+TG+ALB+BUN;0.773, 250.577, 1+Ala+Trp+Phe+ALB+BUN;0.773, 251.152, 1+ALB+BUN+gGT+NEFA+His+Lys;0.773, 250.130, 1+ALB+BUN+ALT+NEFA+Orn+Trp;0.773, 250.887, 1+ALB+BUN+T-BIL+His+Thr+Lys;0.773, 250.297, 1+ALB+BUN+ALT+3MeHis+Orn+Trp;0.773, 248.072, 1+ALB+BUN+3MeHis+Asp+Lys+Val;0.773, 251.151, 1+ALB+BUN+NEFA+3MeHis+Lys+Trp;0.773, 251.982, 1+Ala+Gly+Trp+Glc+ALB+BUN;0.77

3, 252.069, 1+Ala+Gly+Trp+Thr+ALB+BUN;0.773, 249.645, 1+ALB+BUN+Arg+Asp+Lys+Trp;0.773, 250.707, 1+ALB+BUN+Arg+Asp+Tyr+Trp;0.773, 252.504, 1+ALB+BUN+Arg+Val+Phe+Trp;0.773, 248.684, 1+ALB+BUN+AST+ALT+Arg+Trp;0.773, 251.112, 1+ALB+BUN+His+Orn+Lys+Ile;0.773, 251.267, 1+Gly+Trp+Lys+AST+ALB+TP;0.773, 251.385, 1+Ala+Trp+Lys+gGT+ALB+BUN;0.773, 248.416, 1+ALB+BUN+ALT+His+Orn+Lys;0.773, 249.630, 1+Ala+Trp+Lys+AST+ALB+BUN;0.773, 250.883, 1+ALB+BUN+NEFA+T-BIL+His+Lys;0.773, 250.412, 1+Ala+Trp+Arg+AST+ALB+BUN;0.772, 252.031, 1+Ala+BCAA+Trp+Arg+ALB+BUN;0.772, 251.241, 1+Ala+Trp+Lys+ALB+BUN+NEFA;0.772, 252.261, 1+Ala+Gly+Lys+TG+ALB+BUN;0.772, 252.986, 1+Ala+BCAA+Trp+Glc+ALB+BUN;0.772, 251.374, 1+Ala+Trp+Arg+Lys+ALB+BUN;0.772, 252.292, 1+Ala+Trp+Arg+Phe+ALB+BUN;0.772, 250.958, 1+ALB+BUN+3MeHis+Arg+Lys+Trp;0.772, 246.891, 1+ALB+BUN+ALT+Asp+Lys+Val;0.772, 251.682, 1+ALB+BUN+Glc+His+Thr+Lys;0.772, 251.600, 1+ALB+BUN+Arg+Lys+Phe+Trp;0.772, 252.510, 1+Ala+Trp+Phe+gGT+ALB+BUN;0.772, 251.649, 1+ALB+BUN+Orn+Lys+Phe+Trp;0.772, 250.324, 1+ALB+AST+ALT+Arg+Tyr+Trp;0.772, 251.360, 1+Ala+Gly+Trp+Lys+AST+ALB;0.772, 251.778, 1+ALB+ALT+NEFA+Arg+Tyr+Phe;0.772, 251.390, 1+ALB+ALT+Arg+Orn+Tyr+Trp;0.772, 249.446, 1+ALB+BUN+AST+3MeHis+Lys+Trp;0.772, 252.541, 1+ALB+AST+Arg+Tyr+Phe+Trp;0.772, 252.496, 1+Ala+Trp+Arg+ALB+BUN+TP;0.772, 250.260, 1+ALB+BUN+T-BIL+His+Arg+Lys;0.772, 252.058, 1+ALB+BUN+Arg+Orn+Lys+Ile;0.772, 250.283, 1+ALB+BUN+NEFA+His+Arg+Lys;0.772, 250.804, 1+ALB+BUN+NEFA+Glc+His+Lys;0.772, 251.168, 1+ALB+BUN+3MeHis+Orn+Lys+Trp;0.772, 248.744, 1+ALB+BUN+ALT+BHBA+Lys+Ile;0.772, 250.800, 1+Ala+Gly+Trp+Arg+AST+ALB;0.772, 250.930, 1+ALB+BUN+T-BIL+BHBA+His+Lys;0.772, 250.546, 1+Ala+Trp+Arg+ALB+BUN;0.772, 248.663, 1+ALB+BUN+ALT+3MeHis+Arg+Lys;0.772, 251.339, 1+ALB+BUN+His+Arg+Thr+Lys;0.772, 251.712, 1+ALB+BUN+T-BIL+Orn+Lys+Ile;0.772, 250.509, 1+ALB+BUN+T-BIL+His+Orn+Lys;0.772, 252.908, 1+ALB+BUN+Arg+Lys+Tyr+Phe;0.772, 250.979, 1+ALB+BUN+3MeHis+Lys+Phe+Trp;0.772, 253.098, 1+Ala+BCAA+Trp+

TG+ALB+BUN;0.772, 251.216, 1+ALB+BUN+Glc+His+Arg+Lys;0.772, 251.749, 1+ALB+BUN+T-BIL+BHBA+Lys+Ile;0.772, 251.888, 1+Ala+Gly+Arg+Lys+ALB+BUN;0.772, 249.255, 1+Trp+TG+ALT+ALB+BUN;0.772, 251.178, 1+BCAA+Trp+TG+ALT+ALB+BUN;0.772, 251.759, 1+Ala+Gly+BCAA+Trp+ALB+BUN;0.772, 248.970, 1+ALB+BUN+ALT+3MeHis+Lys+Val;0.772, 249.243, 1+ALB+BUN+ALT+3MeHis+Orn+Lys;0.772, 251.730, 1+ALB+BUN+NEFA+Thr+Lys+Ile;0.772, 252.410, 1+Ala+Trp+Arg+Thr+ALB+BUN;0.772, 251.247, 1+Trp+TG+ALT+gGT+ALB+BUN;0.772, 251.477, 1+ALB+BUN+NEFA+Lys+Phe+Trp;0.772, 252.545, 1+ALB+BUN+Thr+Orn+Lys+Ile;0.772, 249.250, 1+ALB+BUN+ALT+3MeHis+Lys+Tyr;0.772, 247.886, 1+ALB+BUN+AST+Asp+Lys+Trp;0.772, 249.525, 1+Trp+Lys+AST+ALB+BUN+TP;0.772, 248.788, 1+ALB+BUN+Ca+ALT+Lys+Ile;0.772, 253.177, 1+ALB+BUN+Lys+Tyr+Val+Phe;0.772, 251.227, 1+Trp+Glc+ALT+gGT+ALB+BUN;0.772, 250.139, 1+Ala+Gly+Trp+ALB+BUN;0.772, 251.179, 1+ALB+BUN+ALT+NEFA+3MeHis+Trp;0.772, 246.840, 1+ALB+BUN+ALT+Asp+Lys+Tyr;0.772, 250.701, 1+ALB+BUN+NEFA+His+Orn+Lys;0.772, 251.047, 1+Ala+Gly+Lys+TCHO+ALB+BUN;0.772, 248.412, 1+ALB+BUN+AST+ALT+Lys+Ile;0.772, 252.527, 1+ALB+BUN+Glc+Thr+Lys+Ile;0.772, 246.905, 1+ALB+BUN+ALT+Asp+Orn+Lys;0.772, 249.631, 1+ALB+BUN+ALT+His+Arg+Thr;0.772, 251.820, 1+ALB+BUN+T-BIL+Thr+Lys+Ile;0.772, 251.670, 1+ALB+BUN+Glc+His+Lys+Ile;0.772, 251.056, 1+ALB+BUN+NEFA+BHBA+His+Lys;0.772, 250.287, 1+Ala+Gly+Lys+ALB+BUN;0.772, 249.580, 1+ALB+BUN+3MeHis+Asp+Phe+Trp;0.772, 250.000, 1+ALB+ALT+Arg+Asp+Tyr+Trp;0.772, 250.092, 1+ALB+BUN+ALT+His+Arg+Orn;0.772, 251.366, 1+ALB+BUN+T-BIL+Glc+Lys+Ile;0.772, 247.276, 1+ALB+BUN+AST+ALT+Asp+Trp;0.771, 253.106, 1+Ala+BCAA+Trp+Thr+ALB+BUN;0.771, 249.248, 1+ALB+BUN+ALT+NEFA+3MeHis+Lys;0.771, 249.829, 1+ALB+BUN+AST+T-BIL+Lys+Ile;0.771, 251.281, 1+Ala+Trp+Lys+ALB+BUN+Ca;0.771, 249.393, 1+Ala+Lys+TG+ALT+ALB+BUN;0.771, 251.586, 1+ALB+ALT+Arg+Tyr+Val+Trp;0.771, 251.648, 1+ALB+ALT+NEFA+Arg+Tyr+Trp;0.771, 251.852, 1+ALB+BUN+gGT+T-BIL+Lys+Ile;0.771, 250.919, 1+ALB+BUN+gGT+T-BIL+His+Lys;0.771, 249.061, 1+Ala+Arg+Lys+ALT+ALB+BUN;0.771, 253.100, 1+A

la+Trp+Glc+TG+ALB+BUN;0.771,249.313,1+Ala+Lys+ALT+ALB+BUN+NEFA;0.771,250.907,1+Ala+Gly+Trp+Arg+ALT+ALB;0.771,249.733,1+Ala+Gly+Trp+AST+ALB+BUN;0.771,249.955,1+ALB+BUN+AST+NEFA+Lys+Ile;0.771,252.466,1+Ala+Trp+Arg+ALB+BUN+NEFA;0.771,249.069,1+ALB+BUN+ALT+Arg+Lys+Val;0.771,249.097,1+ALB+BUN+ALT+Arg+Lys+Tyr;0.771,251.467,1+ALB+BUN+His+Thr+Orn+Lys;0.771,252.169,1+ALB+AST+NEFA+Arg+Tyr+Trp;0.771,251.702,1+Ala+Trp+Arg+TCHO+ALB+BUN;0.771,253.060,1+Ala+BCAA+Trp+ALB+BUN+BHBA;0.771,250.777,1+Trp+Glc+TCHO+ALT+ALB+BUN;0.771,248.669,1+ALB+BUN+Ca+ALT+His+Lys;0.771,248.351,1+ALB+BUN+3MeHis+Asp+Lys+Tyr;0.771,248.619,1+ALB+BUN+3MeHis+Asp+Orn+Lys;0.771,251.011,1+ALB+BUN+NEFA+Asp+Phe+Trp;0.771,247.016,1+ALB+BUN+ALT+Arg+Asp+Lys;0.771,249.347,1+ALB+BUN+ALT+T-BIL+Glc+Lys;0.771,248.817,1+BCAA+Arg+Lys+ALT+ALB+BUN;0.771,249.429,1+BCAA+Lys+Thr+ALT+ALB+BUN;0.771,251.194,1+ALB+BUN+Glc+His+Orn+Lys;0.771,252.155,1+ALB+BUN+BHBA+Arg+Lys+Ile;0.771,251.107,1+Ala+BCAA+Trp+ALB+BUN;0.771,251.733,1+ALB+BUN+NEFA+T-BIL+Lys+Ile;0.771,252.997,1+ALB+BUN+3MeHis+Orn+Val+Phe;0.771,252.725,1+ALB+BUN+Arg+Tyr+Val+Trp;0.771,251.532,1+ALB+BUN+NEFA+Glc+Lys+Ile;0.771,251.671,1+ALB+BUN+NEFA+Orn+Lys+Ile;0.771,252.039,1+ALB+AST+Arg+Orn+Tyr+Trp;0.771,252.127,1+ALB+BUN+3MeHis+Orn+Phe+Trp;0.771,252.112,1+Ala+Gly+Trp+ALB+BUN+BHBA;0.771,250.521,1+ALB+BUN+AST+3MeHis+Lys+Phe;0.771,250.832,1+ALB+BUN+Ca+T-BIL+His+Lys;0.771,251.978,1+ALB+BUN+3MeHis+Arg+Phe+Trp;0.771,249.235,1+Trp+Glc+ALT+ALB+BUN;0.771,249.324,1+Ala+Lys+Glc+ALT+ALB+BUN;0.771,250.222,1+Ala+Gly+Lys+AST+ALB+BUN;0.771,251.656,1+ALB+BUN+3MeHis+Arg+Lys+Val;0.771,251.902,1+ALB+BUN+BHBA+His+Thr+Lys;0.771,252.226,1+Ala+Trp+Glc+TCHO+ALB+BUN;0.771,251.117,1+Ala+Trp+Glc+ALB+BUN;0.771,251.636,1+ALB+BUN+Arg+Orn+Lys+Trp;0.771,251.223,1+Gly+Trp+ALT+gGT+ALB+BUN;0.771,251.987,1+ALB+BUN+Glc+Arg+Lys+Ile;0.771,249.895,1+ALB+BUN+AST+Lys+Phe+Trp;0.771,249.940,1+ALB+ALT+NEFA+Arg+Lys+Ile;0.771,251.060,1+Ala+Trp+TG+AST+ALB+BUN

N;0.771,251.174,1+BCAA+Trp+Glc+ALT+ALB+BUN;0.771,246.991,1+ALB+BUN+ALT+NEFA+Asp+Lys;0.771,251.841,1+ALB+BUN+NEFA+BHBA+Lys+Ile;0.771,250.713,1+ALB+BUN+AST+Arg+Phe+Trp;0.771,252.085,1+ALB+BUN+gGT+Arg+Lys+Ile;0.771,248.421,1+ALB+BUN+AST+ALT+His+Lys;0.771,251.054,1+ALB+BUN+Ca+NEFA+His+Lys;0.771,251.601,1+ALB+ALT+Orn+Val+Phe+Trp;0.771,251.767,1+ALB+BUN+NEFA+3MeHis+Lys+Phe;0.771,250.882,1+Trp+TCHO+TG+ALT+ALB+BUN;0.771,252.430,1+Ala+Trp+Thr+TCHO+ALB+BUN;0.771,252.010,1+Ala+Gly+Trp+ALB+BUN+Ca;0.771,252.153,1+ALB+BUN+3MeHis+Arg+Tyr+Trp;0.771,249.197,1+ALB+BUN+ALT+Arg+Orn+Lys;0.771,251.128,1+ALB+BUN+His+Arg+Orn+Lys;0.771,249.935,1+ALB+BUN+AST+Orn+Lys+Trp;0.771,251.464,1+ALB+BUN+BHBA+Glc+His+Lys;0.771,253.472,1+ALB+NEFA+BHBA+Arg+Lys+Ile;0.771,252.515,1+ALB+ALT+NEFA+Orn+Tyr+Phe;0.771,252.672,1+ALB+BUN+NEFA+3MeHis+Phe+Trp;0.771,247.257,1+ALB+BUN+AST+3MeHis+Asp+Lys;0.771,252.059,1+ALB+BUN+gGT+His+Lys+Ile;0.770,249.119,1+ALB+BUN+ALT+Glc+Arg+Lys;0.770,249.373,1+Trp+ALT+gGT+ALB+BUN;0.770,250.703,1+ALB+BUN+NEFA+Asp+Lys+Phe;0.770,250.969,1+ALB+BUN+Asp+Orn+Phe+Trp;0.770,251.517,1+ALB+BUN+NEFA+Arg+Lys+Trp;0.770,253.026,1+Ala+BCAA+Trp+gGT+ALB+BUN;0.770,251.610,1+ALB+BUN+NEFA+Orn+Lys+Trp;0.770,251.845,1+ALB+BUN+gGT+NEFA+Lys+Ile;0.770,249.810,1+ALB+BUN+AST+Arg+Lys+Trp;0.770,249.903,1+ALB+ALT+Arg+Thr+Lys+Ile;0.770,250.307,1+ALB+BUN+AST+Arg+Lys+Ile;0.770,250.169,1+ALB+BUN+AST+His+Arg+Lys;0.770,252.459,1+Ala+Trp+Arg+ALB+BUN+Ca;0.770,252.605,1+ALB+BUN+NEFA+Arg+Phe+Trp;0.770,249.153,1+ALB+BUN+ALT+T-BIL+Arg+Lys;0.770,249.542,1+ALB+BUN+ALT+gGT+T-BIL+Lys;0.770,251.860,1+ALB+BUN+BHBA+His+Lys+Ile;0.770,252.220,1+Ala+Gly+Lys+Thr+ALB+BUN;0.770,251.031,1+Gly+Trp+TG+ALT+ALB+BUN;0.770,251.245,1+ALB+BUN+BHBA+His+Arg+Lys;0.770,251.723,1+ALB+AST+Arg+Lys+Tyr+Trp;0.770,250.974,1+Trp+TCHO+ALT+gGT+ALB+BUN;0.770,252.963,1+Ala+Trp+Glc+ALB+BUN+BHBA;0.770,252.160,1+ALB+BUN+3MeHis+Orn+Lys+Val;0.770,249.490,1+ALB+BUN+ALT+NEFA+Lys+Val;0.770,251.075,1+

Gly+Trp+Glc+ALT+ALB+BUN;0.770,252.101,1+Ala+Gly+Trp+gGT+ALB+BUN;0.770,251.949,1+ALB+AST+NEFA+Orn+Lys+Ile;0.770,251.666,1+ALB+ALT+Arg+Orn+Tyr+Phe;0.770,252.116,1+Ala+Gly+Lys+Glc+ALB+BUN;0.770,248.801,1+ALB+BUN+NEFA+3MeHis+Asp+Lys;0.770,249.179,1+ALB+BUN+ALT+NEFA+Arg+Lys;0.770,251.235,1+ALB+ALT+3MeHis+Arg+Tyr+Trp;0.770,250.048,1+ALB+ALT+Arg+Orn+Lys+Ile;0.770,252.434,1+Ala+BCAA+Trp+TCHO+ALB+BUN;0.770,250.226,1+Ala+Gly+Arg+ALT+ALB+BUN;0.770,249.420,1+Ala+Lys+ALT+gGT+ALB+BUN;0.770,248.778,1+ALB+BUN+AST+ALT+3MeHis+Lys;0.770,251.180,1+ALB+AST+Arg+Asp+Tyr+Trp;0.770,252.168,1+ALB+BUN+gGT+His+Thr+Lys;0.770,251.774,1+ALB+BUN+Ca+T-BIL+Lys+Ile;0.770,251.187,1+Ala+Gly+Trp+TCHO+ALB+BUN;0.770,252.098,1+ALB+BUN+Ca+Arg+Lys+Ile;0.770,249.127,1+ALB+BUN+ALT+BHBA+Arg+Lys;0.770,251.313,1+BCAA+Trp+ALT+gGT+ALB+BUN;0.770,252.238,1+Ala+Gly+Lys+gGT+ALB+BUN;0.770,253.034,1+Ala+BCAA+Trp+ALB+BUN+NEFA;0.770,247.390,1+Trp+ALT+ALB+BUN;0.770,251.173,1+ALB+BUN+AST+Val+Phe+Trp;0.770,249.789,1+ALB+BUN+AST+NEFA+His+Lys;0.770,252.109,1+Ala+Gly+Lys+ALB+BUN+BHBA;0.770,249.506,1+ALB+BUN+ALT+gGT+BHBA+Lys;0.770,251.104,1+ALB+BUN+ALT+NEFA+Val+Trp;0.770,249.518,1+ALB+BUN+ALT+BHBA+Orn+Lys;0.770,249.613,1+ALB+BUN+ALT+gGT+NEFA+Lys;0.770,250.899,1+ALB+BUN+AST+Arg+Val+Trp;0.770,253.047,1+Ala+Trp+Glc+ALB+BUN+NEFA;0.770,249.220,1+ALB+BUN+ALT+gGT+Arg+Lys;0.770,249.543,1+ALB+BUN+ALT+NEFA+T-BIL+Lys;0.770,250.221,1+ALB+ALT+NEFA+His+Arg+Lys;0.770,250.899,1+ALB+AST+NEFA+Arg+Lys+Ile;0.770,252.093,1+ALB+BUN+Ca+His+Thr+Lys;0.770,253.037,1+ALB+BUN+Orn+Lys+Tyr+Phe;0.770,253.126,1+ALB+BUN+Orn+Lys+Val+Phe;0.770,251.072,1+ALB+BUN+Arg+Asp+Phe+Trp;0.770,252.549,1+ALB+BUN+Arg+Orn+Phe+Trp;0.770,249.218,1+ALB+BUN+ALT+Arg+Thr+Lys;0.770,251.486,1+ALB+BUN+Arg+Asp+Lys+Phe;0.770,252.476,1+ALB+BUN+Arg+Orn+Tyr+Trp;0.770,251.902,1+ALB+BUN+NEFA+3MeHis+Lys+Val;0.770,252.888,1+ALB+BUN+BHBA+Thr+Lys+Ile;0.770,251.074,1+Ala+Trp+Thr+AST+ALB+BUN;0.770,252.475,1+ALB+NEFA+His+Arg+Lys+Ile;

0.770, 253.550, 1+ALB+BUN+NEFA+Orn+Tyr+Phe; 0.770, 249.463, 1+ALB+BUN+ALT+NEFA+Glc+Lys; 0.770, 251.624, 1+ALB+ALT+Lys+Tyr+Phe+Trp; 0.770, 249.415, 1+Ala+Lys+Thr+ALT+ALB+BUN; 0.770, 251.035, 1+Ala+Trp+AST+gGT+ALB+BUN; 0.770, 252.915, 1+ALB+BUN+gGT+Thr+Lys+Ile; 0.770, 251.263, 1+ALB+BUN+AST+Thr+Lys+Ile; 0.770, 250.011, 1+ALB+BUN+3MeHis+Arg+Asp+Trp; 0.770, 252.636, 1+ALB+BUN+BHBA+Orn+Lys+Ile; 0.770, 249.254, 1+ALB+BUN+ALT+BHBA+Glc+Lys; 0.770, 249.518, 1+ALB+BUN+ALT+BHBA+Thr+Lys; 0.770, 252.653, 1+ALB+BUN+NEFA+Arg+Tyr+Trp; 0.770, 249.487, 1+ALB+BUN+ALT+T-BIL+BHBA+Lys; 0.770, 249.546, 1+ALB+BUN+ALT+T-BIL+Orn+Lys; 0.770, 250.961, 1+Ala+BCAA+Trp+AST+ALB+BUN; 0.770, 249.380, 1+ALB+ALT+His+Arg+Lys+Ile; 0.770, 250.150, 1+ALB+ALT+gGT+Arg+Lys+Ile; 0.770, 252.374, 1+ALB+BUN+Glc+Orn+Lys+Ile; 0.770, 249.506, 1+ALB+BUN+ALT+NEFA+BHBA+Lys; 0.770, 246.604, 1+ALB+BUN+AST+ALT+Asp+Lys; 0.770, 249.734, 1+ALB+BUN+AST+NEFA+Lys+Trp; 0.770, 251.705, 1+ALB+AST+3MeHis+Arg+Tyr+Trp; 0.769, 248.857, 1+ALB+BUN+3MeHis+Arg+Asp+Lys; 0.769, 253.020, 1+Ala+Trp+Glc+gGT+ALB+BUN; 0.769, 251.196, 1+Ala+Trp+Thr+ALB+BUN; 0.769, 250.987, 1+Ala+Trp+Glc+AST+ALB+BUN; 0.769, 249.542, 1+ALB+BUN+ALT+T-BIL+Thr+Lys; 0.769, 250.362, 1+ALB+BUN+AST+3MeHis+Arg+Trp; 0.769, 251.397, 1+ALB+BUN+gGT+His+Arg+Lys; 0.769, 251.170, 1+Ala+Trp+gGT+ALB+BUN; 0.769, 251.054, 1+ALB+BUN+ALT+NEFA+Arg+Thr; 0.769, 251.195, 1+ALB+BUN+ALT+Tyr+Val+Trp; 0.769, 249.247, 1+Gly+Trp+ALT+ALB+BUN; 0.769, 249.143, 1+ALB+BUN+AST+Asp+Phe+Trp; 0.769, 249.684, 1+ALB+BUN+ALT+gGT+Thr+Lys; 0.769, 251.540, 1+ALB+BUN+gGT+His+Orn+Lys; 0.769, 250.270, 1+ALB+BUN+AST+His+Orn+Lys; 0.769, 253.517, 1+ALB+BUN+NEFA+Arg+Tyr+Phe; 0.769, 250.328, 1+ALB+BUN+NEFA+Asp+Lys+Tyr; 0.769, 252.347, 1+ALB+BUN+3MeHis+Lys+Tyr+Val; 0.769, 251.848, 1+ALB+BUN+Ca+Glc+His+Lys; 0.769, 252.598, 1+ALB+BUN+NEFA+Orn+Phe+Trp; 0.769, 250.614, 1+ALB+BUN+NEFA+Asp+Lys+Val; 0.769, 252.632, 1+ALB+BUN+gGT+Orn+Lys+Ile; 0.769, 249.396, 1+ALB+BUN+AST+ALT+Orn+Trp; 0.769, 251.753, 1+ALB+BUN+Ca+NEFA+Lys+Ile; 0.769, 252.494, 1+Ala+Trp+TCHO+TG+ALB+BUN; 0.769, 253.121, 1+Ala+Trp+TG+A

LB+BUN+NEFA;0.769, 251.206, 1+Gly+BCAA+Trp+ALT+ALB+BUN;0.769, 250.355, 1+Trp+ALT+AST+gGT+ALB+BUN;0.769, 250.158, 1+ALB+ALT+T-BIL+Arg+Lys+Ile;0.769, 250.773, 1+ALB+BUN+AST+His+Lys+Ile;0.769, 251.951, 1+ALB+AST+T-BIL+Arg+Lys+Ile;0.769, 250.976, 1+ALB+BUN+Asp+Orn+Tyr+Trp;0.769, 251.675, 1+ALB+ALT+Arg+Val+Phe+Trp;0.769, 251.346, 1+ALB+ALT+Arg+Lys+Tyr+Phe;0.769, 249.546, 1+ALB+BUN+ALT+Orn+Lys+Val;0.769, 252.693, 1+ALB+AST+Arg+Tyr+Val+Trp;0.769, 252.335, 1+ALB+AST+His+Arg+Lys+Ile;0.769, 248.988, 1+Trp+TCHO+ALT+ALB+BUN;0.769, 251.060, 1+ALB+BUN+ALT+BHBA+Arg+Thr;0.769, 251.185, 1+ALB+BUN+ALT+3MeHis+Tyr+Trp;0.769, 251.282, 1+ALB+BUN+ALT+3MeHis+Val+Trp;0.769, 250.826, 1+ALB+BUN+AST+3MeHis+Phe+Trp;0.769, 251.881, 1+ALB+BUN+gGT+Glc+His+Lys;0.769, 249.480, 1+ALB+BUN+AST+T-BIL+His+Lys;0.769, 250.763, 1+Ala+Trp+TCHO+AST+ALB+BUN;0.769, 251.594, 1+ALB+ALT+Arg+Orn+Phe+Trp;0.769, 250.926, 1+ALB+BUN+ALT+Arg+Thr+Orn;0.769, 251.026, 1+ALB+BUN+ALT+NEFA+Tyr+Trp;0.769, 248.724, 1+ALB+BUN+AST+ALT+Arg+Lys;0.769, 249.231, 1+ALB+BUN+AST+Arg+Asp+Trp;0.769, 251.787, 1+ALB+ALT+NEFA+Arg+Phe+Trp;0.769, 249.623, 1+ALB+BUN+ALT+NEFA+Lys+Tyr;0.769, 250.640, 1+ALB+BUN+AST+Orn+Phe+Trp;0.769, 249.256, 1+ALB+AST+ALT+Arg+Lys+Ile;0.769, 249.503, 1+ALB+BUN+Ca+ALT+T-BIL+Lys;0.769, 252.699, 1+ALB+ALT+Orn+Tyr+Val+Phe;0.769, 251.063, 1+ALB+BUN+ALT+T-BIL+Arg+Thr;0.769, 249.530, 1+ALB+BUN+ALT+gGT+Glc+Lys;0.769, 249.589, 1+ALB+BUN+ALT+Lys+Tyr+Val;0.769, 249.624, 1+ALB+BUN+ALT+NEFA+Thr+Lys;0.769, 251.365, 1+ALB+BUN+BHBA+His+Orn+Lys;0.769, 252.436, 1+ALB+ALT+NEFA+Arg+Thr+Ile;0.769, 252.995, 1+Ala+BCAA+Trp+ALB+BUN+Ca;0.769, 251.986, 1+ALB+BUN+Ca+His+Lys+Ile;0.769, 250.909, 1+BCAA+Trp+TCHO+ALT+ALB+BUN;0.769, 250.983, 1+ALB+BUN+3MeHis+Asp+Orn+Phe;0.769, 252.053, 1+ALB+BUN+3MeHis+Orn+Lys+Phe;0.769, 253.153, 1+Ala+Trp+TG+ALB+BUN+BHBA;0.769, 250.665, 1+ALB+BUN+AST+NEFA+Lys+Phe;0.769, 251.879, 1+ALB+ALT+Arg+Thr+Orn+Ile;0.769, 253.633, 1+ALB+AST+NEFA+Arg+Orn+Ile;0.769, 251.439, 1+ALB+AST+ALT+Arg+Thr+Ile;0.769, 2

50.512, 1+Ala+Trp+TCHO+ALB+BUN;0.769, 253.025, 1+Ala+Trp+Glc+ALB+BUN+Ca;
0.769, 250.485, 1+ALB+ALT+Asp+Tyr+Phe+Trp;0.769, 249.244, 1+Ala+Trp+ALB+B
UN;0.769, 251.501, 1+ALB+BUN+Asp+Orn+Lys+Phe;0.769, 251.083, 1+ALB+BUN+3M
eHis+Asp+Tyr+Phe;0.769, 251.230, 1+Ala+Trp+TG+ALB+BUN;0.769, 253.145, 1+A
la+Trp+TG+gGT+ALB+BUN;0.769, 249.512, 1+ALB+BUN+ALT+Glc+Orn+Lys;0.769, 2
51.075, 1+ALB+BUN+ALT+T-BIL+His+Arg;0.769, 250.461, 1+ALB+ALT+His+Arg+Th
r+Lys;0.769, 252.163, 1+ALB+ALT+BHBA+Arg+Thr+Ile;0.769, 250.235, 1+ALB+AL
T+His+Arg+Orn+Lys;0.769, 251.208, 1+ALB+BUN+ALT+Glc+His+Arg;0.769, 252.0
97, 1+ALB+ALT+Glc+Arg+Thr+Ile;0.769, 250.284, 1+Gly+Trp+ALT+AST+ALB+BUN;
0.769, 250.806, 1+ALB+BUN+AST+Orn+Lys+Ile;0.769, 251.274, 1+ALB+BUN+AST+g
GT+Lys+Ile;0.769, 251.405, 1+ALB+BUN+Ca+His+Arg+Lys;0.769, 253.379, 1+ALB
+BUN+3MeHis+Orn+Tyr+Phe;0.769, 251.175, 1+Ala+Trp+ALB+BUN+BHBA;0.769, 25
2.429, 1+Ala+Trp+Arg+gGT+ALB+BUN;0.769, 249.331, 1+BCAA+Trp+ALT+ALB+BUN;
0.769, 251.061, 1+ALB+BUN+ALT+NEFA+His+Arg;0.769, 250.831, 1+Gly+Trp+TCHO
+ALT+ALB+BUN;0.769, 252.437, 1+Ala+Trp+TCHO+ALB+BUN+TP;0.768, 250.760, 1+
ALB+BUN+ALT+3MeHis+Arg+Orn;0.768, 253.117, 1+Ala+Trp+gGT+ALB+BUN+NEFA;0
.768, 250.770, 1+ALB+BUN+NEFA+Asp+Orn+Lys;0.768, 252.628, 1+ALB+BUN+AST+O
rn+Tyr+Phe;0.768, 252.730, 1+ALB+BUN+gGT+Glc+Lys+Ile;0.768, 249.525, 1+AL
B+BUN+ALT+Glc+Thr+Lys;0.768, 249.131, 1+Ala+Trp+AST+ALB+BUN;0.768, 250.9
79, 1+Ala+Trp+AST+ALB+BUN+BHBA;0.768, 250.344, 1+ALB+ALT+Glc+His+Arg+Lys
;0.768, 250.989, 1+ALB+BUN+Ca+ALT+His+Arg;0.768, 253.150, 1+Ala+Trp+ALB+B
UN+NEFA+BHBA;0.768, 251.716, 1+ALB+AST+ALT+Arg+Tyr+Phe;0.768, 252.615, 1+
ALB+BUN+BHBA+Glc+Lys+Ile;0.768, 251.212, 1+ALB+BUN+ALT+His+Arg+Ile;0.76
8, 250.501, 1+ALB+BUN+AST+ALT+Arg+Thr;0.768, 252.589, 1+ALB+BUN+Ca+Orn+Ly
s+Ile;0.768, 251.492, 1+ALB+BUN+Ca+His+Orn+Lys;0.768, 249.182, 1+ALB+BUN+
Ca+ALT+Arg+Lys;0.768, 249.617, 1+ALB+BUN+ALT+NEFA+Orn+Lys;0.768, 250.553
, 1+ALB+ALT+gGT+His+Arg+Lys;0.768, 251.074, 1+ALB+BUN+AST+NEFA+Phe+Trp;0
.768, 250.698, 1+ALB+BUN+AST+Arg+Orn+Trp;0.768, 250.646, 1+ALB+BUN+AST+Gl

c+His+Lys;0.768,252.844,1+ALB+BUN+Ca+Thr+Lys+Ile;0.768,251.180,1+Ala+Trp+ALB+BUN+NEFA;0.768,250.403,1+ALB+BUN+AST+3MeHis+Arg+Lys;0.768,250.956,1+Ala+Trp+AST+ALB+BUN+NEFA;0.768,251.484,1+ALB+ALT+His+Arg+Orn+Ile;0.768,253.387,1+ALB+His+Arg+Orn+Lys+Ile;0.768,251.379,1+ALB+BUN+Asp+Lys+Val+Phe;0.768,250.224,1+ALB+BUN+3MeHis+Asp+Orn+Trp;0.768,251.836,1+ALB+BUN+3MeHis+Arg+Lys+Phe;0.768,252.585,1+ALB+BUN+NEFA+Orn+Lys+Phe;0.768,251.033,1+ALB+BUN+ALT+gGT+Arg+Thr;0.768,249.671,1+ALB+BUN+ALT+Orn+Lys+Tyr;0.768,250.951,1+ALB+BUN+ALT+Arg+Orn+Ile;0.768,251.081,1+ALB+ALT+Arg+Lys+Val+Trp;0.768,250.102,1+ALB+ALT+BHBA+Arg+Lys+Ile;0.768,251.892,1+ALB+BUN+3MeHis+Arg+Lys+Tyr;0.768,251.381,1+ALB+BUN+Arg+Asp+Val+Trp;0.768,250.781,1+ALB+ALT+3MeHis+Arg+Lys+Trp;0.768,248.400,1+ALB+BUN+AST+3MeHis+Asp+Trp;0.768,250.805,1+ALB+BUN+AST+NEFA+Arg+Trp;0.768,253.245,1+ALB+BUN+Arg+Lys+Val+Phe;0.768,249.537,1+ALB+BUN+ALT+Arg+Asp+Orn;0.768,249.783,1+ALB+BUN+ALT+NEFA+Arg+Asp;0.768,251.560,1+ALB+BUN+NEFA+Asp+Tyr+Trp;0.768,252.965,1+ALB+BUN+gGT+BHBA+Lys+Ile;0.768,249.037,1+ALB+BUN+AST+ALT+BHBA+Lys;0.768,249.175,1+ALB+BUN+AST+ALT+Lys+Val;0.768,253.063,1+Ala+Gly+Trp+AST+ALB+TP;0.768,251.057,1+ALB+BUN+ALT+3MeHis+Arg+Tyr;0.768,249.844,1+ALB+BUN+ALT+Arg+Asp+Tyr;0.768,251.286,1+ALB+ALT+Arg+Lys+Phe+Trp;0.768,251.724,1+ALB+ALT+Lys+Val+Phe+Trp;0.768,250.761,1+ALB+BUN+AST+ALT+His+Arg;0.768,253.393,1+ALB+AST+His+Arg+Orn+Ile;0.768,252.852,1+ALB+AST+Arg+Thr+Lys+Ile;0.768,252.287,1+ALB+ALT+Arg+Tyr+Val+Phe;0.768,251.051,1+ALB+BUN+ALT+NEFA+3MeHis+Arg;0.768,252.779,1+ALB+BUN+Arg+Orn+Val+Trp;0.768,250.478,1+ALB+ALT+T-BIL+His+Arg+Lys;0.768,251.477,1+ALB+BUN+AST+Lys+Tyr+Phe;0.768,249.059,1+ALB+BUN+AST+ALT+Glc+Lys;0.768,249.981,1+ALB+AST+ALT+His+Arg+Lys;0.768,252.572,1+ALB+AST+T-BIL+Orn+Lys+Ile;0.768,252.960,1+ALB+BUN+Ca+gGT+Lys+Ile;0.768,249.462,1+ALB+BUN+Ca+ALT+BHBA+Lys;0.768,249.580,1+ALB+BUN+Ca+ALT+NEFA+Lys;0.768,252.143,1+ALB+ALT+Orn+Lys+Tyr+Phe;0.768,253.0

18, 1+ALB+BUN+Asp+Orn+Tyr+Phe;0.768, 253.108, 1+Ala+Trp+gGT+ALB+BUN+BHBA
;0.768, 251.494, 1+ALB+BUN+Asp+Tyr+Val+Trp;0.768, 249.928, 1+ALB+ALT+Glc+
Arg+Lys+Ile;0.768, 252.402, 1+ALB+AST+His+Orn+Lys+Ile;0.768, 250.412, 1+T
rp+TG+ALT+AST+ALB+BUN;0.768, 252.354, 1+ALB+ALT+gGT+Arg+Thr+Ile;0.768, 2
53.885, 1+ALB+BUN+NEFA+Orn+Val+Phe;0.768, 250.970, 1+ALB+BUN+ALT+Glc+Arg
+Thr;0.768, 251.277, 1+ALB+BUN+Asp+Orn+Val+Trp;0.768, 251.289, 1+ALB+BUN+
Arg+Asp+Orn+Trp;0.768, 251.854, 1+ALB+ALT+Arg+Orn+Val+Trp;0.768, 250.786
, 1+ALB+BUN+AST+3MeHis+Lys+Val;0.768, 249.130, 1+ALB+BUN+AST+ALT+gGT+Lys
;0.768, 251.444, 1+ALB+ALT+3MeHis+Lys+Val+Trp;0.768, 250.898, 1+ALB+AST+A
LT+Arg+Val+Trp;0.768, 252.465, 1+Ala+Trp+TCHO+ALB+BUN+BHBA;0.768, 249.66
4, 1+ALB+BUN+ALT+gGT+Orn+Lys;0.768, 249.642, 1+ALB+BUN+Ca+ALT+gGT+Lys;0.
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g+Asp+Trp;0.768, 252.510, 1+ALB+BUN+NEFA+Arg+Lys+Phe;0.768, 250.404, 1+AL
B+BUN+3MeHis+Asp+Tyr+Trp;0.768, 249.671, 1+ALB+BUN+ALT+Thr+Orn+Lys;0.76
8, 250.582, 1+ALB+BUN+AST+ALT+Arg+Orn;0.768, 251.768, 1+ALB+ALT+Orn+Lys+P
he+Trp;0.768, 250.429, 1+ALB+BUN+AST+ALT+3MeHis+Arg;0.768, 252.546, 1+ALB
+BUN+NEFA+3MeHis+Arg+Trp;0.768, 251.248, 1+ALB+ALT+His+Arg+Thr+Ile;0.76
8, 251.637, 1+ALB+BUN+AST+Lys+Val+Phe;0.768, 250.553, 1+ALB+BUN+AST+ALT+3
MeHis+Trp;0.768, 251.022, 1+Ala+Trp+AST+ALB+BUN+Ca;0.768, 253.114, 1+Ala+
Trp+TG+ALB+BUN+Ca;0.768, 248.942, 1+ALB+BUN+AST+ALT+T-BIL+Lys;0.768, 251
.340, 1+ALB+ALT+Arg+Orn+Lys+Trp;0.768, 250.405, 1+Trp+Glc+ALT+AST+ALB+BU
N;0.768, 254.069, 1+ALB+His+Arg+Thr+Lys+Ile;0.768, 252.380, 1+ALB+AST+Arg
+Orn+Lys+Ile;0.768, 251.233, 1+ALB+AST+NEFA+His+Arg+Lys;0.767, 251.998, 1
+ALB+BUN+gGT+BHBA+His+Lys;0.767, 254.546, 1+ALB+T-BIL+BHBA+Arg+Lys+Ile;
0.767, 252.880, 1+ALB+BUN+Ca+BHBA+Lys+Ile;0.767, 250.135, 1+ALB+Ca+ALT+Ar
g+Lys+Ile;0.767, 250.979, 1+ALB+BUN+ALT+3MeHis+Arg+Val;0.767, 252.426, 1+
ALB+BUN+3MeHis+Arg+Val+Trp;0.767, 252.867, 1+ALB+BUN+NEFA+Lys+Tyr+Val;0
.767, 250.865, 1+ALB+BUN+NEFA+Arg+Asp+Lys;0.767, 251.910, 1+ALB+BUN+NEFA+

3MeHis+Arg+Lys;0.767,249.412,1+ALB+BUN+AST+Asp+Tyr+Trp;0.767,252.563,
1+ALB+BUN+3MeHis+Orn+Lys+Tyr;0.767,249.581,1+ALB+ALT+Asp+Lys+Tyr+Trp;
0.767,250.544,1+ALB+ALT+BHBA+His+Arg+Lys;0.767,248.857,1+ALB+BUN+AST+
NEFA+Asp+Lys;0.767,249.067,1+ALB+BUN+AST+ALT+NEFA+Lys;0.767,250.897,1
+ALB+BUN+AST+3MeHis+Orn+Lys;0.767,251.049,1+ALB+BUN+AST+Glc+Lys+Ile;0
.767,253.520,1+ALB+NEFA+BHBA+His+Arg+Lys;0.767,250.981,1+ALB+BUN+AST+
His+Thr+Lys;0.767,252.486,1+ALB+AST+NEFA+His+Lys+Ile;0.767,252.378,1+
Ala+Trp+TCHO+ALB+BUN+Ca;0.767,252.486,1+Ala+Trp+TCHO+gGT+ALB+BUN;0.76
7,252.383,1+Ala+Trp+TCHO+ALB+BUN+NEFA;0.767,251.266,1+ALB+BUN+ALT+T-B
IL+Arg+Orn;0.767,251.629,1+ALB+ALT+NEFA+His+Arg+Orn;0.767,251.151,1+A
LB+BUN+ALT+gGT+His+Arg;0.767,252.279,1+ALB+ALT+NEFA+Lys+Tyr+Phe;0.767
,251.017,1+ALB+ALT+Glc+His+Orn+Lys;0.767,250.762,1+ALB+ALT+His+Orn+Ly
s+Ile;0.767,250.786,1+ALB+AST+Asp+Lys+Tyr+Trp;0.767,253.624,1+ALB+T-B
IL+His+Arg+Lys+Ile;0.767,250.761,1+ALB+BUN+AST+BHBA+His+Lys;0.767,250
.991,1+ALB+BUN+AST+gGT+His+Lys;0.767,253.386,1+ALB+AST+Thr+Orn+Lys+Il
e;0.767,251.111,1+ALB+BUN+3MeHis+Arg+Asp+Phe;0.767,251.925,1+ALB+AST+
ALT+Orn+Tyr+Phe;0.767,250.747,1+ALB+AST+ALT+Arg+Phe+Trp;0.767,249.556
,1+ALB+AST+ALT+Arg+Asp+Trp;0.767,249.240,1+ALB+BUN+AST+ALT+Thr+Lys;0.
767,253.368,1+ALB+BUN+Arg+Orn+Lys+Phe;0.767,251.897,1+ALB+ALT+NEFA+Ar
g+Orn+Trp;0.767,252.440,1+ALB+BUN+NEFA+Arg+Lys+Tyr;0.767,251.644,1+AL
B+ALT+Orn+Lys+Val+Trp;0.767,251.847,1+ALB+BUN+AST+3MeHis+Orn+Phe;0.76
7,254.101,1+ALB+NEFA+Arg+Thr+Lys+Ile;0.767,249.240,1+ALB+BUN+AST+ALT+
Lys+Tyr;0.767,252.771,1+ALB+AST+Arg+Orn+Val+Trp;0.767,251.192,1+Ala+G
ly+Trp+AST+ALB;0.767,252.343,1+ALB+ALT+Arg+Orn+Val+Phe;0.767,251.269,
1+ALB+BUN+ALT+BHBA+Arg+Orn;0.767,251.605,1+ALB+BUN+Arg+Asp+Lys+Val;0.
767,250.915,1+ALB+ALT+Asp+Orn+Tyr+Trp;0.767,251.064,1+ALB+ALT+His+Arg
+Thr+Orn;0.767,251.345,1+ALB+ALT+NEFA+Arg+Lys+Trp;0.767,249.179,1+ALB
+BUN+AST+Asp+Orn+Trp;0.767,249.490,1+ALB+BUN+AST+NEFA+Asp+Trp;0.767,2

50.861, 1+ALB+BUN+ALT+His+Thr+Orn;0.767, 250.898, 1+ALB+AST+ALT+NEFA+Arg+Trp;0.767, 252.520, 1+ALB+AST+Orn+Lys+Val+Trp;0.767, 253.182, 1+Ala+Gly+Trp+AST+ALB+BHBA;0.767, 251.030, 1+ALB+ALT+Arg+Asp+Tyr+Phe;0.767, 251.267, 1+ALB+BUN+ALT+NEFA+Arg+Orn;0.767, 251.274, 1+ALB+BUN+ALT+Arg+Orn+Tyr;0.767, 251.629, 1+ALB+BUN+Arg+Asp+Orn+Lys;0.767, 251.711, 1+ALB+ALT+BHBA+His+Arg+Orn;0.767, 250.541, 1+ALB+BUN+AST+ALT+NEFA+Trp;0.767, 250.598, 1+ALB+AST+ALT+Orn+Lys+Ile;0.767, 250.876, 1+ALB+BUN+AST+Orn+Val+Trp;0.767, 252.482, 1+ALB+AST+Orn+Lys+Tyr+Trp;0.767, 252.725, 1+ALB+AST+NEFA+Arg+Orn+Trp;0.767, 254.053, 1+ALB+AST+NEFA+Arg+Thr+Ile;0.767, 252.705, 1+ALB+BUN+Ca+Glc+Lys+Ile;0.767, 251.614, 1+ALB+Ca+ALT+His+Arg+Orn;0.767, 253.051, 1+Ala+Trp+gGT+ALB+BUN+Ca;0.767, 251.129, 1+Ala+Trp+ALB+BUN+Ca;0.767, 249.649, 1+ALB+BUN+Ca+ALT+Thr+Lys;0.767, 249.096, 1+ALB+AST+ALT+Asp+Lys+Trp;0.767, 249.630, 1+ALB+BUN+Ca+ALT+Orn+Lys;0.767, 251.711, 1+ALB+BUN+NEFA+Asp+Val+Trp;0.767, 252.187, 1+ALB+ALT+NEFA+Orn+Phe+Trp;0.767, 252.697, 1+ALB+BUN+NEFA+Asp+Tyr+Phe;0.767, 250.460, 1+ALB+BUN+NEFA+3MeHis+Asp+Trp;0.767, 251.711, 1+ALB+ALT+T-BIL+His+Arg+Orn;0.767, 251.840, 1+ALB+ALT+3MeHis+Lys+Tyr+Phe;0.767, 252.564, 1+ALB+BUN+NEFA+Arg+Lys+Val;0.767, 251.650, 1+ALB+ALT+gGT+His+Arg+Orn;0.767, 249.776, 1+ALB+BUN+AST+3MeHis+Asp+Phe;0.767, 250.255, 1+ALB+AST+ALT+Arg+Lys+Trp;0.767, 250.997, 1+ALB+BUN+Ca+ALT+Arg+Thr;0.767, 251.363, 1+ALB+BUN+Arg+Asp+Lys+Tyr;0.767, 252.911, 1+ALB+BUN+3MeHis+Orn+Val+Trp;0.767, 253.016, 1+ALB+BUN+T-BIL+BHBA+Orn+Lys;0.767, 250.446, 1+ALB+BUN+AST+ALT+Tyr+Trp;0.767, 251.328, 1+ALB+ALT+T-BIL+His+Orn+Lys;0.767, 252.388, 1+ALB+AST+NEFA+His+Arg+Orn;0.767, 252.424, 1+ALB+ALT+T-BIL+Arg+Thr+Ile;0.767, 253.031, 1+ALB+NEFA+Glc+His+Arg+Lys;0.767, 253.094, 1+ALB+AST+BHBA+Arg+Lys+Ile;0.767, 254.063, 1+ALB+AST+Arg+Thr+Orn+Ile;0.767, 253.062, 1+Ala+Trp+ALB+BUN+Ca+NEFA;0.767, 253.043, 1+Ala+Trp+ALB+BUN+Ca+BHBA;0.767, 251.230, 1+ALB+BUN+ALT+Arg+Orn+Val;0.767, 251.524, 1+ALB+ALT+Thr+Orn+Ly

s+Ile;0.767,252.115,1+ALB+ALT+NEFA+Arg+Val+Trp;0.767,252.287,1+ALB+BUN+NEFA+3MeHis+Lys+Tyr;0.767,252.824,1+ALB+BUN+AST+Orn+Val+Phe;0.767,251.150,1+ALB+BUN+ALT+BHBA+His+Arg;0.767,249.601,1+ALB+BUN+AST+Asp+Val+Trp;0.767,251.281,1+ALB+BUN+AST+BHBA+Lys+Ile;0.767,254.744,1+ALB+BUN+Orn+Tyr+Val+Phe;0.767,251.696,1+ALB+BUN+ALT+T-BIL+BHBA+Arg;0.767,252.410,1+ALB+BUN+3MeHis+Arg+Orn+Trp;0.767,253.504,1+ALB+BUN+Arg+Lys+Tyr+Val;0.767,251.092,1+ALB+BUN+AST+ALT+Arg+Ile;0.767,249.183,1+ALB+BUN+AST+ALT+Orn+Lys;0.767,251.443,1+ALB+AST+ALT+Arg+Orn+Ile;0.767,251.089,1+ALB+AST+ALT+Lys+Phe+Trp;0.767,252.854,1+ALB+AST+NEFA+BHBA+Lys+Ile;0.767,252.202,1+ALB+BUN+Ca+gGT+His+Lys;0.767,256.360,1+Ala+Gly+Trp+Glc+TG+ALB;0.767,251.558,1+ALB+ALT+Glc+His+Arg+Orn;0.767,253.280,1+ALB+NEFA+His+Orn+Lys+Ile;0.767,250.500,1+ALB+BUN+AST+ALT+Val+Trp;0.767,254.122,1+ALB+BUN+His+Arg+Thr+Ile;0.767,252.886,1+ALB+AST+NEFA+Thr+Lys+Ile;0.766,252.433,1+ALB+Ca+ALT+Arg+Thr+Ile;0.766,253.075,1+ALB+BUN+NEFA+Arg+Val+Trp;0.766,254.726,1+ALB+BUN+NEFA+3MeHis+Tyr+Phe;0.766,251.995,1+ALB+ALT+NEFA+Lys+Phe+Trp;0.766,253.616,1+ALB+NEFA+Glc+Arg+Lys+Ile;0.766,250.441,1+ALB+AST+ALT+3MeHis+Arg+Trp;0.766,250.545,1+BCAA+Trp+ALT+AST+ALB+BUN;0.766,251.202,1+ALB+ALT+NEFA+His+Orn+Lys;0.766,251.561,1+ALB+ALT+NEFA+3MeHis+Arg+Trp;0.766,251.604,1+ALB+BUN+Asp+Orn+Lys+Val;0.766,249.735,1+ALB+BUN+AST+Asp+Lys+Phe;0.766,250.830,1+ALB+ALT+3MeHis+Arg+Lys+Tyr;0.766,250.870,1+ALB+AST+ALT+His+Arg+Orn;0.766,251.462,1+ALB+ALT+NEFA+Orn+Lys+Ile;0.766,251.661,1+ALB+BUN+ALT+Glc+Arg+Ile;0.766,254.060,1+ALB+NEFA+Arg+Orn+Lys+Ile;0.766,251.018,1+ALB+BUN+AST+3MeHis+Lys+Tyr;0.766,252.783,1+Ala+Gly+Trp+Glc+AST+ALB;0.766,252.997,1+Ala+Gly+Trp+TG+AST+ALB;0.766,251.871,1+ALB+BUN+Ca+BHBA+His+Lys;0.766,250.174,1+Trp+TCHO+ALT+AST+ALB+BUN;0.766,253.867,1+ALB+T-BIL+His+Orn+Lys+Ile;0.766,251.390,1+ALB+BUN+Asp+Lys+Tyr+Val;0.766,251.570,1+ALB+ALT+3MeHis+Arg+Orn+Trp;0.766,251.661,1+ALB+ALT+3MeHis+Arg+Val+Trp;

0.766, 252.924, 1+ALB+BUN+His+Arg+Thr+Orn; 0.766, 251.697, 1+ALB+AST+NEFA+His+Orn+Lys; 0.766, 252.099, 1+ALB+AST+T-BIL+His+Orn+Lys; 0.766, 254.405, 1+ALB+BUN+Arg+Orn+Tyr+Phe; 0.766, 252.953, 1+ALB+BUN+NEFA+T-BIL+Orn+Lys; 0.766, 252.954, 1+ALB+ALT+NEFA+Orn+Val+Trp; 0.766, 250.507, 1+ALB+BUN+3MeHis+Asp+Val+Trp; 0.766, 251.215, 1+ALB+ALT+Glc+Orn+Lys+Ile; 0.766, 250.747, 1+ALB+BUN+AST+T-BIL+Arg+Lys; 0.766, 250.893, 1+ALB+BUN+AST+NEFA+Lys+Val; 0.766, 251.427, 1+ALB+AST+Asp+Orn+Tyr+Trp; 0.766, 250.696, 1+ALB+AST+ALT+His+Orn+Lys; 0.766, 251.312, 1+ALB+BUN+Ca+AST+Lys+Ile; 0.766, 249.490, 1+ALB+BUN+Ca+ALT+Glc+Lys; 0.766, 251.677, 1+ALB+BUN+ALT+T-BIL+Glc+Arg; 0.766, 252.659, 1+ALB+BUN+NEFA+T-BIL+Glc+Lys; 0.766, 252.825, 1+ALB+BUN+NEFA+Glc+Orn+Lys; 0.766, 251.588, 1+ALB+BUN+ALT+NEFA+Arg+Ile; 0.766, 252.323, 1+ALB+BUN+NEFA+3MeHis+Orn+Lys; 0.766, 251.250, 1+ALB+BUN+ALT+gGT+Arg+Orn; 0.766, 251.612, 1+ALB+ALT+T-BIL+Orn+Lys+Ile; 0.766, 251.631, 1+ALB+BUN+AST+Orn+Lys+Phe; 0.766, 252.820, 1+ALB+AST+Orn+Tyr+Phe+Trp; 0.766, 249.625, 1+ALB+AST+3MeHis+Asp+Lys+Trp; 0.766, 252.088, 1+ALB+AST+T-BIL+His+Arg+Lys; 0.766, 252.675, 1+ALB+BUN+T-BIL+BHBA+Glc+Lys; 0.766, 251.358, 1+ALB+BUN+NEFA+Asp+Orn+Trp; 0.766, 251.396, 1+ALB+BUN+Asp+Orn+Lys+Tyr; 0.766, 252.787, 1+ALB+BUN+NEFA+Asp+Orn+Phe; 0.766, 252.863, 1+ALB+ALT+3MeHis+Orn+Val+Trp; 0.766, 254.994, 1+ALB+Arg+Orn+Tyr+Phe+Trp; 0.766, 254.263, 1+ALB+His+Thr+Orn+Lys+Ile; 0.766, 251.069, 1+ALB+AST+ALT+Orn+Phe+Trp; 0.766, 250.596, 1+ALB+BUN+AST+T-BIL+Glc+Lys; 0.766, 250.632, 1+ALB+AST+ALT+Arg+Orn+Trp; 0.766, 251.449, 1+ALB+AST+ALT+Orn+Val+Trp; 0.766, 252.368, 1+ALB+AST+NEFA+Arg+Lys+Tyr; 0.766, 252.955, 1+ALB+AST+NEFA+T-BIL+Lys+Ile; 0.766, 253.081, 1+ALB+AST+gGT+Arg+Lys+Ile; 0.766, 253.129, 1+Ala+Gly+Trp+AST+ALB+NEFA; 0.766, 253.267, 1+ALB+BUN+3MeHis+Arg+Tyr+Phe; 0.766, 251.239, 1+ALB+BUN+ALT+Glc+Arg+Orn; 0.766, 251.612, 1+ALB+BUN+ALT+T-BIL+Arg+Ile; 0.766, 252.118, 1+ALB+BUN+3MeHis+Arg+Orn+Lys; 0.766, 250.626, 1+ALB+ALT+Arg+Asp+Orn+Trp; 0.766, 249.813, 1+ALB+BUN+AST+Asp+Lys+Val; 0.766, 251.010, 1+ALB+BUN+AST+Orn+Tyr+Trp;

0.766, 252.475, 1+ALB+AST+NEFA+Lys+Tyr+Trp; 0.766, 253.604, 1+ALB+AST+NEFA+Arg+Tyr+Phe; 0.766, 251.682, 1+ALB+BUN+ALT+NEFA+BHBA+Arg; 0.766, 251.685, 1+ALB+BUN+ALT+NEFA+T-BIL+Arg; 0.766, 252.681, 1+ALB+BUN+T-BIL+Glc+Orn+Lys; 0.766, 253.495, 1+ALB+BUN+NEFA+3MeHis+Orn+Phe; 0.766, 252.924, 1+ALB+BUN+NEFA+Arg+Orn+Trp; 0.766, 251.174, 1+ALB+BUN+AST+ALT+Glc+Arg; 0.766, 251.726, 1+ALB+ALT+3MeHis+Lys+Tyr+Trp; 0.766, 253.024, 1+ALB+Arg+Asp+Lys+Tyr+Trp; 0.766, 251.608, 1+ALB+BUN+ALT+gGT+Arg+Ile; 0.766, 251.538, 1+ALB+AST+ALT+Orn+Tyr+Trp; 0.766, 252.811, 1+ALB+BUN+AST+His+Arg+Thr; 0.766, 253.086, 1+Ala+Gly+BCAA+Trp+AST+ALB; 0.766, 253.008, 1+Ala+Gly+Trp+AST+gGT+ALB; 0.766, 252.932, 1+ALB+BUN+NEFA+Orn+Lys+Tyr; 0.766, 254.965, 1+ALB+NEFA+Arg+Tyr+Phe+Trp; 0.766, 249.488, 1+ALB+BUN+ALT+Arg+Asp+Val; 0.766, 251.416, 1+ALB+BUN+ALT+Arg+Tyr+Val; 0.766, 252.986, 1+ALB+ALT+NEFA+Orn+Tyr+Trp; 0.766, 253.478, 1+ALB+BUN+Arg+Orn+Lys+Tyr; 0.766, 251.656, 1+ALB+BUN+ALT+BHBA+Arg+Ile; 0.766, 249.849, 1+ALB+BUN+AST+Arg+Asp+Lys; 0.766, 250.434, 1+ALB+BUN+AST+3MeHis+Arg+Asp; 0.766, 250.860, 1+ALB+BUN+AST+3MeHis+Orn+Trp; 0.766, 253.404, 1+ALB+AST+gGT+Orn+Lys+Ile; 0.766, 253.216, 1+Ala+Gly+Trp+Glc+ALT+ALB; 0.766, 252.360, 1+ALB+AST+ALT+Tyr+Phe+Trp; 0.766, 249.851, 1+ALB+BUN+AST+Asp+Orn+Lys; 0.766, 250.999, 1+ALB+BUN+AST+ALT+T-BIL+Arg; 0.766, 251.613, 1+ALB+BUN+AST+Arg+Lys+Phe; 0.766, 252.322, 1+ALB+AST+NEFA+Arg+Lys+Trp; 0.766, 251.046, 1+ALB+BUN+Ca+AST+ALT+Arg; 0.766, 251.700, 1+ALB+BUN+ALT+BHBA+Glc+Arg; 0.766, 252.800, 1+ALB+BUN+NEFA+Orn+Lys+Val; 0.766, 253.273, 1+ALB+BUN+Orn+Tyr+Val+Trp; 0.766, 250.755, 1+ALB+BUN+AST+NEFA+Arg+Lys; 0.766, 251.616, 1+ALB+BUN+AST+Arg+Lys+Tyr; 0.766, 253.318, 1+ALB+AST+Lys+Tyr+Val+Trp; 0.766, 250.557, 1+ALB+Ca+ALT+His+Arg+Lys; 0.766, 253.332, 1+ALB+BUN+3MeHis+Arg+Orn+Phe; 0.766, 251.673, 1+ALB+BUN+ALT+NEFA+Glc+Arg; 0.766, 252.639, 1+ALB+BUN+NEFA+Glc+Arg+Lys; 0.766, 252.863, 1+ALB+BUN+T-BIL+Arg+Orn+Lys; 0.766, 251.122, 1+ALB+BUN+AST+ALT+BHBA+Arg; 0.766, 252.788, 1+ALB+BUN+AST+Arg+Orn+Phe; 0.766, 251.370, 1+ALB+AST+ALT+His+Arg+Thr; 0.766, 250.90

9, 1+ALB+BUN+AST+T-BIL+Thr+Lys;0.766, 253.062, 1+ALB+Ca+AST+Arg+Lys+Ile;
0.766, 251.094, 1+ALB+ALT+NEFA+Asp+Orn+Trp;0.766, 252.006, 1+ALB+AST+ALT+
Orn+Val+Phe;0.766, 252.127, 1+ALB+ALT+Orn+Lys+Val+Phe;0.766, 252.413, 1+A
LB+ALT+NEFA+Lys+Val+Phe;0.766, 253.033, 1+ALB+ALT+Orn+Tyr+Val+Trp;0.766
, 253.352, 1+ALB+BUN+NEFA+Orn+Tyr+Trp;0.766, 251.179, 1+ALB+BUN+AST+ALT+g
GT+Arg;0.766, 251.213, 1+ALB+ALT+NEFA+3MeHis+Arg+Lys;0.766, 251.213, 1+AL
B+ALT+3MeHis+Arg+Orn+Lys;0.766, 251.812, 1+ALB+ALT+Orn+Lys+Tyr+Trp;0.76
6, 250.557, 1+ALB+BUN+AST+NEFA+3MeHis+Lys;0.766, 250.743, 1+ALB+AST+ALT+3
MeHis+Lys+Trp;0.766, 249.199, 1+ALB+BUN+Ca+AST+ALT+Lys;0.766, 251.677, 1+
ALB+BUN+ALT+NEFA+Arg+Tyr;0.766, 254.252, 1+ALB+3MeHis+Arg+Tyr+Phe+Trp;0
.766, 251.954, 1+ALB+ALT+Arg+Orn+Lys+Phe;0.766, 253.283, 1+ALB+BUN+NEFA+O
rn+Val+Trp;0.766, 252.257, 1+ALB+BUN+AST+NEFA+Arg+Phe;0.766, 249.964, 1+A
LB+ALT+Asp+Lys+Val+Trp;0.766, 250.979, 1+ALB+BUN+AST+ALT+NEFA+Arg;0.766
, 251.396, 1+ALB+ALT+BHBA+His+Orn+Lys;0.766, 252.061, 1+ALB+ALT+Lys+Tyr+V
al+Trp;0.766, 251.071, 1+ALB+BUN+AST+NEFA+BHBA+Lys;0.766, 253.529, 1+ALB+
NEFA+His+Arg+Thr+Lys;0.766, 254.253, 1+ALB+AST+T-BIL+Arg+Orn+Ile;0.765,
251.154, 1+ALB+BUN+Ca+ALT+Arg+Orn;0.765, 251.569, 1+ALB+BUN+Ca+ALT+BHBA+
Arg;0.765, 252.962, 1+ALB+BUN+NEFA+T-BIL+BHBA+Lys;0.765, 253.006, 1+ALB+B
UN+NEFA+Thr+Orn+Lys;0.765, 253.104, 1+ALB+BUN+3MeHis+Orn+Tyr+Trp;0.765,
253.700, 1+ALB+BUN+3MeHis+Arg+Val+Phe;0.765, 251.929, 1+ALB+BUN+AST+3MeH
is+Arg+Phe;0.765, 254.849, 1+ALB+BUN+NEFA+3MeHis+Val+Phe;0.765, 250.263,
1+ALB+AST+ALT+3MeHis+Arg+Lys;0.765, 250.872, 1+ALB+BUN+AST+NEFA+Glc+Lys
;0.765, 253.045, 1+ALB+NEFA+His+Arg+Orn+Lys;0.765, 254.115, 1+ALB+gGT+NEF
A+Arg+Lys+Ile;0.765, 251.779, 1+Ala+Gly+Trp+ALT+AST+ALB;0.765, 253.320, 1
+ALB+AST+Lys+Tyr+Phe+Trp;0.765, 251.540, 1+ALB+BUN+Ca+ALT+gGT+Arg;0.765
, 252.939, 1+ALB+BUN+gGT+NEFA+T-BIL+Lys;0.765, 250.738, 1+ALB+ALT+NEFA+Ar
g+Asp+Trp;0.765, 251.667, 1+ALB+ALT+Glc+His+Arg+Thr;0.765, 254.529, 1+ALB
+gGT+His+Orn+Lys+Ile;0.765, 249.571, 1+ALB+BUN+AST+Asp+Lys+Tyr;0.765, 25

3.916, 1+ALB+NEFA+T-BIL+Arg+Lys+Ile;0.765, 250.894, 1+ALB+BUN+AST+gGT+NEFA+Lys;0.765, 253.378, 1+ALB+AST+NEFA+Orn+Lys+Val;0.765, 252.904, 1+ALB+BUN+NEFA+T-BIL+Thr+Lys;0.765, 253.888, 1+ALB+BUN+Arg+Asp+Tyr+Phe;0.765, 252.663, 1+ALB+BUN+T-BIL+Glc+Thr+Lys;0.765, 253.742, 1+ALB+BUN+Orn+Lys+Tyr+Val;0.765, 250.872, 1+ALB+ALT+3MeHis+Arg+Lys+Val;0.765, 253.546, 1+ALB+T-BIL+Glc+His+Orn+Lys;0.765, 253.268, 1+ALB+NEFA+Glc+His+Orn+Lys;0.765, 253.104, 1+ALB+AST+Orn+Val+Phe+Trp;0.765, 251.052, 1+ALB+BUN+AST+NEFA+Orn+Lys;0.765, 251.659, 1+ALB+ALT+NEFA+His+Lys+Ile;0.765, 252.304, 1+ALB+AST+His+Arg+Orn+Lys;0.765, 252.414, 1+ALB+AST+3MeHis+Lys+Tyr+Trp;0.765, 252.886, 1+ALB+AST+T-BIL+His+Arg+Orn;0.765, 251.646, 1+ALB+BUN+ALT+gGT+T-BIL+Arg;0.765, 252.575, 1+ALB+BUN+T-BIL+Glc+Arg+Lys;0.765, 253.378, 1+ALB+BUN+AST+Arg+Tyr+Phe;0.765, 250.751, 1+ALB+ALT+Arg+Asp+Val+Trp;0.765, 251.436, 1+ALB+BUN+ALT+NEFA+Arg+Val;0.765, 251.673, 1+ALB+BUN+ALT+gGT+BHBA+Arg;0.765, 252.960, 1+ALB+BUN+T-BIL+BHBA+Thr+Lys;0.765, 253.344, 1+ALB+3MeHis+Arg+Lys+Tyr+Trp;0.765, 250.891, 1+ALB+BUN+AST+ALT+Arg+Val;0.765, 254.691, 1+ALB+NEFA+BHBA+Orn+Lys+Ile;0.765, 253.901, 1+ALB+NEFA+His+Thr+Orn+Lys;0.765, 249.825, 1+ALB+AST+ALT+Asp+Orn+Trp;0.765, 251.087, 1+ALB+BUN+AST+NEFA+Orn+Trp;0.765, 251.355, 1+ALB+ALT+His+Thr+Orn+Lys;0.765, 253.475, 1+ALB+AST+BHBA+Orn+Lys+Ile;0.765, 252.161, 1+ALB+AST+3MeHis+Lys+Val+Trp;0.765, 253.025, 1+ALB+BUN+gGT+NEFA+Thr+Lys;0.765, 253.555, 1+ALB+BUN+Arg+Orn+Lys+Val;0.765, 251.610, 1+ALB+AST+ALT+NEFA+Orn+Trp;0.765, 253.222, 1+ALB+AST+Orn+Tyr+Val+Trp;0.765, 251.976, 1+ALB+AST+ALT+NEFA+His+Arg;0.765, 252.732, 1+ALB+AST+Arg+Lys+Val+Trp;0.765, 254.147, 1+ALB+NEFA+Glc+His+Lys+Ile;0.765, 251.013, 1+ALB+AST+ALT+Lys+Val+Trp;0.765, 252.638, 1+ALB+AST+gGT+NEFA+Lys+Ile;0.765, 251.534, 1+ALB+BUN+Ca+ALT+NEFA+Arg;0.765, 252.835, 1+ALB+BUN+NEFA+Glc+Thr+Lys;0.765, 252.858, 1+ALB+BUN+T-BIL+BHBA+Arg+Lys;0.765, 251.572, 1+ALB+AST+ALT+Arg+Orn+Phe;0.765, 251.613, 1+ALB+ALT+BHBA+Orn+Lys+Ile;0.765, 2

52.340, 1+ALB+ALT+NEFA+Orn+Lys+Phe;0.765, 252.023, 1+ALB+BUN+AST+NEFA+Orn+Phe;0.765, 251.695, 1+ALB+ALT+NEFA+Glc+His+Lys;0.765, 251.071, 1+ALB+AST+ALT+NEFA+Lys+Trp;0.765, 251.991, 1+ALB+BUN+ALT+Glc+His+Orn;0.765, 251.681, 1+ALB+BUN+ALT+gGT+Glc+Arg;0.765, 252.988, 1+ALB+BUN+gGT+T-BIL+BHBA+Lys;0.765, 249.894, 1+ALB+ALT+Arg+Asp+Lys+Trp;0.765, 254.605, 1+ALB+BHBA+His+Orn+Lys+Ile;0.765, 252.367, 1+ALB+AST+ALT+NEFA+Arg+Ile;0.765, 252.978, 1+ALB+BUN+gGT+T-BIL+Orn+Lys;0.765, 253.024, 1+ALB+BUN+NEFA+BHBA+Orn+Lys;0.765, 251.919, 1+ALB+ALT+Arg+Lys+Val+Phe;0.765, 253.205, 1+ALB+BUN+AST+NEFA+Tyr+Phe;0.765, 252.154, 1+ALB+BUN+AST+His+Arg+Orn;0.765, 251.978, 1+ALB+AST+Arg+Asp+Orn+Trp;0.765, 252.123, 1+ALB+BUN+ALT+gGT+His+Orn;0.765, 253.118, 1+ALB+BUN+NEFA+3MeHis+Orn+Trp;0.765, 254.416, 1+Ala+Gly+Trp+Glc+ALB;0.765, 254.097, 1+ALB+NEFA+Arg+Lys+Tyr+Trp;0.765, 249.343, 1+ALB+BUN+AST+ALT+Arg+Asp;0.765, 251.661, 1+ALB+ALT+NEFA+Arg+Lys+Tyr;0.765, 251.431, 1+ALB+ALT+gGT+His+Orn+Lys;0.765, 250.939, 1+ALB+BUN+AST+T-BIL+Orn+Lys;0.765, 251.152, 1+ALB+AST+NEFA+Asp+Lys+Trp;0.765, 252.469, 1+ALB+AST+ALT+His+Arg+Ile;0.765, 253.152, 1+ALB+AST+NEFA+Arg+Val+Trp;0.765, 253.851, 1+ALB+AST+T-BIL+Thr+Lys+Ile;0.765, 251.546, 1+ALB+BUN+Ca+ALT+Glc+Arg;0.765, 252.081, 1+ALB+BUN+ALT+His+Orn+Ile;0.765, 253.026, 1+ALB+BUN+gGT+NEFA+BHBA+Lys;0.765, 251.128, 1+ALB+ALT+Asp+Orn+Val+Trp;0.765, 251.850, 1+ALB+ALT+NEFA+Arg+Lys+Phe;0.765, 250.510, 1+ALB+ALT+Asp+Lys+Tyr+Phe;0.765, 251.639, 1+ALB+ALT+gGT+Orn+Lys+Ile;0.765, 254.770, 1+ALB+AST+BHBA+Arg+Orn+Ile;0.765, 250.923, 1+ALB+BUN+AST+NEFA+T-BIL+Lys;0.765, 251.542, 1+ALB+BUN+Ca+ALT+T-BIL+Arg;0.765, 250.652, 1+ALB+ALT+Arg+Asp+Lys+Phe;0.765, 251.644, 1+ALB+BUN+ALT+gGT+NEFA+Arg;0.765, 251.976, 1+ALB+AST+ALT+NEFA+Orn+Phe;0.765, 251.605, 1+ALB+BUN+AST+Glc+Arg+Lys;0.765, 250.824, 1+ALB+AST+ALT+Orn+Lys+Trp;0.765, 251.197, 1+ALB+AST+ALT+Arg+Lys+Phe;0.765, 252.051, 1+ALB+ALT+NEFA+Lys+Val+Trp;0.765, 251.686, 1+ALB+AST+Asp+Lys+Val+Trp;0.765, 252.819, 1+ALB+BUN+gGT+NEFA+Glc+Lys;0.765, 251.638, 1+ALB+ALT+3M

eHis+Orn+Lys+Trp;0.765,251.806,1+ALB+ALT+NEFA+3MeHis+Lys+Trp;0.765,252.015,1+ALB+ALT+BHBA+His+Arg+Thr;0.765,255.306,1+ALB+T-BIL+BHBA+Orn+Lys+Ile;0.765,251.759,1+ALB+BUN+AST+gGT+Arg+Lys;0.765,250.986,1+ALB+AST+ALT+Arg+Lys+Tyr;0.765,251.090,1+ALB+BUN+AST+NEFA+Thr+Lys;0.765,251.975,1+ALB+BUN+ALT+Thr+Orn+Ile;0.765,250.854,1+ALB+BUN+AST+gGT+T-BIL+Lys;0.765,251.055,1+ALB+AST+ALT+Lys+Tyr+Trp;0.765,252.925,1+ALB+BUN+Ca+T-BIL+Orn+Lys;0.765,252.771,1+ALB+BUN+NEFA+Arg+Thr+Lys;0.765,252.786,1+ALB+BUN+T-BIL+Arg+Thr+Lys;0.765,252.999,1+ALB+BUN+NEFA+BHBA+Thr+Lys;0.765,253.033,1+ALB+BUN+gGT+NEFA+Orn+Lys;0.765,252.043,1+ALB+BUN+ALT+T-BIL+His+Orn;0.765,252.759,1+ALB+ALT+NEFA+3MeHis+Orn+Trp;0.765,250.026,1+ALB+BUN+ALT+Asp+Orn+Val;0.765,251.166,1+ALB+BUN+AST+ALT+Arg+Tyr;0.765,253.369,1+ALB+BUN+AST+Arg+Orn+Ile;0.765,252.006,1+ALB+ALT+NEFA+Orn+Lys+Trp;0.765,252.101,1+ALB+ALT+NEFA+Lys+Tyr+Trp;0.765,253.044,1+ALB+AST+Arg+Orn+Phe+Trp;0.765,251.710,1+ALB+AST+3MeHis+Arg+Lys+Trp;0.765,252.387,1+ALB+AST+3MeHis+Arg+Val+Trp;0.765,250.993,1+ALB+BUN+Ca+AST+His+Lys;0.765,256.360,1+ALB+NEFA+Arg+Orn+Tyr+Phe;0.765,252.745,1+ALB+BUN+NEFA+BHBA+Glc+Lys;0.765,252.810,1+ALB+BUN+NEFA+BHBA+Arg+Lys;0.765,252.940,1+ALB+ALT+3MeHis+Orn+Tyr+Trp;0.765,252.200,1+ALB+AST+3MeHis+Arg+Lys+Tyr;0.765,252.523,1+ALB+AST+ALT+Val+Phe+Trp;0.765,254.505,1+ALB+NEFA+Glc+His+Thr+Lys;0.765,252.400,1+ALB+AST+NEFA+3MeHis+Lys+Trp;0.765,250.981,1+ALB+BUN+AST+T-BIL+BHBA+Lys;0.765,253.532,1+ALB+NEFA+T-BIL+His+Arg+Lys;0.765,250.993,1+ALB+AST+ALT+NEFA+Lys+Ile;0.765,253.571,1+ALB+AST+T-BIL+BHBA+Lys+Ile;0.764,252.623,1+ALB+BUN+gGT+T-BIL+Glc+Lys;0.764,252.941,1+ALB+BUN+T-BIL+Thr+Orn+Lys;0.764,250.075,1+ALB+ALT+Asp+Lys+Phe+Trp;0.764,253.548,1+ALB+AST+NEFA+Lys+Tyr+Phe;0.764,252.628,1+ALB+AST+NEFA+Lys+Val+Trp;0.764,252.933,1+ALB+BUN+Ca+T-BIL+BHBA+Lys;0.764,252.109,1+ALB+BUN+ALT+NEFA+His+Orn;0.764,252.810,1+ALB+BUN+NEFA+Arg+Orn+Lys;0.764,252.635,1+ALB+ALT+NEFA+Arg+Orn+Ile;0.764,2

52.248, 1+ALB+BUN+ALT+T-BIL+Thr+Orn;0.764, 251.745, 1+ALB+BUN+AST+Arg+Orn+Lys;0.764, 251.950, 1+ALB+AST+NEFA+Arg+Asp+Trp;0.764, 252.632, 1+ALB+AST+3MeHis+Orn+Val+Trp;0.764, 252.621, 1+ALB+ALT+T-BIL+Arg+Orn+Ile;0.764, 253.969, 1+ALB+Glc+His+Orn+Lys+Ile;0.764, 251.757, 1+ALB+BUN+AST+Arg+Lys+Val;0.764, 251.873, 1+ALB+BUN+AST+Orn+Lys+Val;0.764, 252.979, 1+ALB+AST+3MeHis+Orn+Lys+Val;0.764, 252.015, 1+ALB+ALT+NEFA+Thr+Lys+Ile;0.764, 253.168, 1+ALB+AST+NEFA+Arg+Phe+Trp;0.764, 252.002, 1+ALB+BUN+Ca+ALT+His+Orn;0.764, 252.767, 1+ALB+BUN+NEFA+T-BIL+Arg+Lys;0.764, 253.591, 1+ALB+BUN+Arg+Thr+Orn+Lys;0.764, 251.474, 1+ALB+3MeHis+Asp+Lys+Val+Trp;0.764, 252.797, 1+ALB+BUN+gGT+T-BIL+Arg+Lys;0.764, 252.013, 1+ALB+ALT+T-BIL+His+Arg+Thr;0.764, 251.895, 1+ALB+ALT+gGT+His+Arg+Thr;0.764, 253.661, 1+ALB+BUN+Glc+His+Thr+Orn;0.764, 250.911, 1+ALB+AST+ALT+NEFA+Arg+Lys;0.764, 252.892, 1+ALB+BUN+AST+NEFA+3MeHis+Phe;0.764, 252.252, 1+ALB+BUN+ALT+NEFA+Thr+Orn;0.764, 254.799, 1+ALB+AST+gGT+Arg+Orn+Ile;0.764, 250.458, 1+ALB+AST+3MeHis+Arg+Asp+Trp;0.764, 251.706, 1+ALB+AST+Arg+Asp+Lys+Trp;0.764, 252.389, 1+ALB+AST+3MeHis+Arg+Lys+Val;0.764, 252.794, 1+ALB+AST+T-BIL+Glc+His+Lys;0.764, 252.528, 1+Ala+Gly+Trp+TCHO+AST+ALB;0.764, 252.623, 1+ALB+BUN+Ca+T-BIL+Glc+Lys;0.764, 252.076, 1+ALB+BUN+ALT+BHBA+His+Orn;0.764, 253.131, 1+ALB+BUN+NEFA+Arg+Asp+Phe;0.764, 254.102, 1+ALB+BUN+NEFA+Arg+Orn+Phe;0.764, 255.412, 1+ALB+BUN+NEFA+Tyr+Val+Phe;0.764, 253.339, 1+ALB+BUN+BHBA+Glc+Orn+Lys;0.764, 253.443, 1+ALB+BUN+Glc+Arg+Orn+Lys;0.764, 253.574, 1+ALB+BUN+Asp+Orn+Val+Phe;0.764, 253.618, 1+ALB+BUN+gGT+BHBA+Orn+Lys;0.764, 252.461, 1+ALB+ALT+BHBA+Arg+Orn+Ile;0.764, 252.507, 1+ALB+ALT+Glc+Arg+Orn+Ile;0.764, 253.262, 1+ALB+BUN+NEFA+His+Arg+Orn;0.764, 253.718, 1+ALB+T-BIL+His+Arg+Orn+Lys;0.764, 252.084, 1+ALB+ALT+NEFA+BHBA+Lys+Ile;0.764, 252.180, 1+ALB+BUN+AST+3MeHis+Tyr+Trp;0.764, 252.202, 1+ALB+BUN+AST+3MeHis+Val+Trp;0.764, 252.864, 1+ALB+BUN+AST+NEFA+His+Arg;0.764, 253.508, 1+ALB+gGT+NEFA+His+Arg+Lys;0.764, 251.464, 1+ALB+BUN+Ca+ALT+Arg+Ile;0.

764, 254. 368, 1+Ala+Trp+Glc+TG+ALT+ALB; 0. 764, 250. 139, 1+ALB+BUN+ALT+Asp+Orn+Tyr; 0. 764, 253. 726, 1+ALB+BUN+gGT+Thr+Orn+Lys; 0. 764, 252. 571, 1+ALB+ALT+gGT+Arg+Orn+Ile; 0. 764, 253. 124, 1+ALB+AST+NEFA+Orn+Val+Trp; 0. 764, 253. 295, 1+ALB+AST+T-BIL+His+Lys+Ile; 0. 764, 252. 942, 1+ALB+BUN+Ca+NEFA+Thr+Lys; 0. 764, 252. 401, 1+Ala+Trp+Glc+ALT+ALB; 0. 764, 253. 466, 1+ALB+BUN+NEFA+3MeHis+Arg+Phe; 0. 764, 252. 927, 1+ALB+BUN+gGT+T-BIL+Thr+Lys; 0. 764, 254. 917, 1+ALB+3MeHis+Lys+Tyr+Phe+Trp; 0. 764, 251. 770, 1+ALB+AST+ALT+NEFA+Arg+Phe; 0. 764, 251. 864, 1+ALB+ALT+Arg+Orn+Lys+Tyr; 0. 764, 253. 925, 1+ALB+gGT+NEFA+His+Orn+Lys; 0. 764, 252. 251, 1+ALB+BUN+ALT+gGT+Thr+Orn; 0. 764, 252. 423, 1+ALB+BUN+AST+Arg+Asp+Orn; 0. 764, 252. 386, 1+ALB+BUN+AST+Tyr+Val+Trp; 0. 764, 253. 029, 1+ALB+AST+Glc+Orn+Lys+Ile; 0. 764, 251. 449, 1+ALB+BUN+AST+ALT+His+Orn; 0. 764, 252. 228, 1+ALB+BUN+AST+NEFA+3MeHis+Trp; 0. 764, 252. 829, 1+ALB+AST+Arg+Lys+Phe+Trp; 0. 764, 255. 153, 1+ALB+3MeHis+Orn+Tyr+Phe+Trp; 0. 764, 251. 202, 1+ALB+3MeHis+Asp+Lys+Tyr+Trp; 0. 764, 255. 154, 1+ALB+3MeHis+Orn+Lys+Val+Phe; 0. 764, 251. 583, 1+ALB+BUN+AST+BHBA+Glc+Lys; 0. 764, 252. 142, 1+ALB+3MeHis+Arg+Asp+Lys+Trp; 0. 764, 251. 006, 1+ALB+BUN+AST+NEFA+Lys+Tyr; 0. 764, 251. 783, 1+ALB+BUN+AST+Arg+Thr+Lys; 0. 764, 252. 336, 1+ALB+BUN+AST+NEFA+Val+Trp; 0. 764, 250. 708, 1+ALB+AST+3MeHis+Asp+Orn+Trp; 0. 764, 253. 553, 1+ALB+AST+Lys+Val+Phe+Trp; 0. 764, 252. 785, 1+ALB+BUN+Ca+T-BIL+Arg+Lys; 0. 764, 252. 266, 1+ALB+3MeHis+Asp+Lys+Tyr+Phe; 0. 764, 250. 225, 1+ALB+BUN+ALT+NEFA+Asp+Orn; 0. 764, 251. 799, 1+ALB+ALT+NEFA+Glc+Arg+Lys; 0. 764, 253. 891, 1+ALB+AST+NEFA+Orn+Tyr+Phe; 0. 764, 251. 287, 1+ALB+AST+ALT+3MeHis+Lys+Phe; 0. 764, 252. 506, 1+ALB+AST+3MeHis+Arg+Phe+Trp; 0. 764, 253. 081, 1+ALB+AST+NEFA+3MeHis+Lys+Val; 0. 764, 252. 889, 1+ALB+BUN+Ca+gGT+T-BIL+Lys; 0. 764, 252. 773, 1+ALB+BUN+Ca+NEFA+Glc+Lys; 0. 764, 256. 041, 1+ALB+NEFA+Orn+Lys+Tyr+Phe; 0. 764, 252. 445, 1+ALB+ALT+3MeHis+Arg+Orn+Tyr; 0. 764, 254. 576, 1+ALB+Arg+Orn+Lys+Tyr+Trp; 0. 764, 250. 828, 1+ALB+ALT+Asp+Orn+Lys+Phe; 0. 764, 251. 972, 1+ALB+ALT+NEFA+Arg+Lys+Val; 0. 764, 252. 009, 1+ALB+BUN+ALT+Glc+Thr+Orn;

0.764, 252.241, 1+ALB+BUN+ALT+BHBA+Thr+Orn; 0.764, 252.134, 1+ALB+AST+3MeHis+Arg+Orn+Trp; 0.764, 252.613, 1+ALB+AST+NEFA+Orn+Lys+Trp; 0.764, 252.710, 1+ALB+AST+ALT+T-BIL+Arg+Ile; 0.764, 254.351, 1+ALB+AST+NEFA+Orn+Val+Phe; 0.764, 252.991, 1+ALB+AST+NEFA+Lys+Phe+Trp; 0.764, 253.080, 1+ALB+AST+NEFA+Arg+Lys+Val; 0.764, 254.430, 1+Ala+Gly+Trp+Glc+TCHO+ALB; 0.764, 252.862, 1+ALB+BUN+Ca+NEFA+T-BIL+Lys; 0.764, 255.603, 1+ALB+NEFA+Orn+Tyr+Phe+Trp; 0.764, 253.463, 1+ALB+BUN+Glc+Arg+Thr+Lys; 0.764, 253.494, 1+ALB+BUN+BHBA+Arg+Orn+Lys; 0.764, 250.603, 1+ALB+ALT+NEFA+Arg+Asp+Lys; 0.764, 249.623, 1+ALB+BUN+AST+ALT+Asp+Orn; 0.764, 254.142, 1+ALB+AST+Arg+Orn+Lys+Tyr; 0.764, 251.928, 1+ALB+BUN+AST+Orn+Lys+Tyr; 0.764, 253.094, 1+ALB+AST+NEFA+Orn+Tyr+Trp; 0.764, 253.163, 1+ALB+AST+NEFA+Arg+Orn+Lys; 0.764, 255.246, 1+ALB+T-BIL+Arg+Thr+Lys+Ile; 0.764, 252.080, 1+ALB+ALT+NEFA+His+Thr+Lys; 0.764, 252.955, 1+Ala+Gly+Trp+TCHO+ALT+ALB; 0.764, 252.952, 1+ALB+BUN+Ca+gGT+NEFA+Lys; 0.764, 254.143, 1+ALB+Ca+NEFA+Arg+Lys+Ile; 0.764, 253.239, 1+ALB+BUN+BHBA+Glc+Arg+Lys; 0.764, 249.022, 1+ALB+ALT+3MeHis+Asp+Lys+Tyr; 0.764, 250.108, 1+ALB+ALT+Asp+Orn+Lys+Trp; 0.764, 253.938, 1+ALB+NEFA+T-BIL+His+Orn+Lys; 0.764, 251.648, 1+ALB+ALT+NEFA+Glc+Lys+Ile; 0.764, 252.360, 1+ALB+BUN+AST+NEFA+Tyr+Trp; 0.764, 252.803, 1+ALB+AST+ALT+gGT+Arg+Ile; 0.764, 253.687, 1+ALB+BUN+NEFA+His+Thr+Orn; 0.764, 253.588, 1+ALB+BUN+Arg+Asp+Orn+Phe; 0.764, 254.194, 1+ALB+Asp+Orn+Tyr+Phe+Trp; 0.764, 254.379, 1+Ala+Trp+Glc+ALT+gGT+ALB; 0.764, 255.340, 1+ALB+Orn+Lys+Tyr+Phe+Trp; 0.764, 251.927, 1+ALB+ALT+Glc+Arg+Orn+Lys; 0.764, 251.823, 1+ALB+ALT+NEFA+His+Arg+Thr; 0.764, 251.959, 1+ALB+ALT+3MeHis+Orn+Lys+Val; 0.764, 252.887, 1+ALB+BUN+AST+NEFA+Arg+Orn; 0.764, 254.419, 1+ALB+NEFA+His+Arg+Thr+Orn; 0.764, 251.863, 1+ALB+BUN+AST+gGT+BHBA+Lys; 0.764, 252.812, 1+ALB+AST+Glc+Arg+Lys+Ile; 0.764, 254.111, 1+ALB+AST+NEFA+Arg+Orn+Tyr; 0.764, 251.271, 1+ALB+AST+ALT+NEFA+His+Lys; 0.764, 252.373, 1+ALB+AST+NEFA+Glc+Lys+Ile; 0.764, 252.565, 1+ALB+AST+Glc+His+Orn+Lys; 0.764, 251.402, 1+ALB+Ca+ALT+His+Orn+Lys; 0.764, 252.9

51, 1+ALB+BUN+Ca+NEFA+Orn+Lys;0.764, 254.562, 1+ALB+BUN+NEFA+Arg+Val+Phe;
0.764, 255.098, 1+ALB+gGT+T-BIL+Arg+Lys+Ile;0.764, 252.606, 1+ALB+AST+ALT+NEFA+Arg+Tyr;0.764, 251.187, 1+ALB+AST+ALT+Arg+Orn+Lys;0.764, 251.272, 1+ALB+AST+ALT+3MeHis+Orn+Lys;0.764, 251.641, 1+ALB+AST+Asp+Orn+Lys+Trp;
0.764, 251.847, 1+ALB+ALT+T-BIL+Glc+His+Lys;0.764, 252.077, 1+ALB+ALT+NEFA+T-BIL+Lys+Ile;0.764, 254.710, 1+ALB+NEFA+His+Thr+Lys+Ile;0.764, 253.569, 1+ALB+BUN+AST+Arg+Thr+Ile;0.763, 252.875, 1+ALB+BUN+Ca+T-BIL+Thr+Lys;
0.763, 252.923, 1+ALB+BUN+Ca+NEFA+BHBA+Lys;0.763, 254.163, 1+ALB+3MeHis+Orn+Lys+Val+Trp;0.763, 253.397, 1+ALB+BUN+BHBA+Glc+Thr+Lys;0.763, 253.683, 1+ALB+BUN+gGT+BHBA+Thr+Lys;0.763, 252.155, 1+ALB+AST+ALT+Lys+Tyr+Phe;0.763, 251.439, 1+ALB+AST+ALT+3MeHis+Orn+Trp;0.763, 251.814, 1+ALB+BUN+AST+BHBA+Orn+Lys;0.763, 252.125, 1+ALB+ALT+gGT+NEFA+Lys+Ile;0.763, 252.167, 1+ALB+BUN+AST+Lys+Tyr+Val;0.763, 252.450, 1+ALB+AST+Arg+Asp+Phe+Trp;0.763, 253.220, 1+ALB+AST+NEFA+Orn+Phe+Trp;0.763, 253.045, 1+ALB+AST+BHBA+His+Orn+Lys;0.763, 251.877, 1+ALB+ALT+NEFA+T-BIL+Arg+Lys;0.763, 254.721, 1+ALB+3MeHis+Lys+Val+Phe+Trp;0.763, 252.974, 1+ALB+BUN+AST+T-BIL+Arg+Orn;0.763, 253.908, 1+ALB+NEFA+BHBA+His+Orn+Lys;0.763, 254.843, 1+ALB+AST+Arg+Orn+Tyr+Phe;0.763, 250.221, 1+ALB+AST+3MeHis+Arg+Asp+Lys;0.763, 251.954, 1+ALB+BUN+AST+BHBA+Thr+Lys;0.763, 252.806, 1+ALB+AST+ALT+BHBA+Arg+Ile;0.763, 251.187, 1+ALB+AST+ALT+T-BIL+Arg+Lys;0.763, 251.894, 1+ALB+BUN+AST+gGT+Orn+Lys;0.763, 252.426, 1+ALB+AST+NEFA+3MeHis+Arg+Trp;0.763, 252.519, 1+ALB+AST+ALT+gGT+His+Arg;0.763, 253.053, 1+ALB+AST+Orn+Lys+Phe+Trp;0.763, 254.426, 1+ALB+AST+T-BIL+BHBA+His+Orn;0.763, 255.658, 1+ALB+BHBA+Arg+Thr+Lys+Ile;0.763, 253.262, 1+ALB+AST+NEFA+Arg+Lys+Phe;0.763, 253.072, 1+ALB+AST+His+Thr+Orn+Lys;0.763, 252.737, 1+ALB+BUN+Ca+NEFA+Arg+Lys;0.763, 252.527, 1+ALB+Ca+ALT+Arg+Orn+Ile;0.763, 254.741, 1+ALB+Ca+AST+Arg+Orn+Ile;0.763, 252.487, 1+ALB+ALT+NEFA+Glc+Orn+Lys;0.763, 251.915, 1+ALB+ALT+Arg+Lys+Tyr+Val;0.763, 251.9

52, 1+ALB+AST+NEFA+Arg+Asp+Lys;0.763, 252.467, 1+ALB+AST+NEFA+Glc+His+Lys;0.763, 251.629, 1+ALB+AST+ALT+Thr+Lys+Ile;0.763, 253.539, 1+ALB+BUN+Ca+Arg+Orn+Lys;0.763, 251.613, 1+ALB+Ca+ALT+Orn+Lys+Ile;0.763, 254.831, 1+ALB+BUN+Arg+Orn+Val+Phe;0.763, 253.066, 1+ALB+ALT+gGT+His+Arg+Ile;0.763, 251.252, 1+ALB+AST+ALT+Arg+Lys+Val;0.763, 251.986, 1+ALB+AST+Asp+Orn+Val+Trp;0.763, 252.469, 1+ALB+AST+Arg+Asp+Val+Trp;0.763, 251.711, 1+ALB+AST+Asp+Lys+Phe+Trp;0.763, 252.148, 1+ALB+ALT+gGT+NEFA+His+Lys;0.763, 252.933, 1+ALB+AST+T-BIL+Glc+Lys+Ile;0.763, 253.543, 1+ALB+BUN+Ca+Arg+Thr+Lys;0.763, 253.437, 1+ALB+Ca+AST+Orn+Lys+Ile;0.763, 251.014, 1+ALB+BUN+Ca+AST+NEFA+Lys;0.763, 252.871, 1+ALB+ALT+gGT+NEFA+His+Arg;0.763, 254.670, 1+ALB+Arg+Lys+Tyr+Phe+Trp;0.763, 252.079, 1+ALB+ALT+Arg+Orn+Lys+Val;0.763, 253.390, 1+ALB+AST+NEFA+Orn+Lys+Tyr;0.763, 253.450, 1+ALB+AST+Glc+His+Arg+Orn;0.763, 254.682, 1+ALB+AST+Glc+Arg+Orn+Ile;0.763, 254.972, 1+ALB+T-BIL+Arg+Orn+Lys+Ile;0.763, 252.330, 1+ALB+ALT+T-BIL+Thr+Lys+Ile;0.763, 253.215, 1+ALB+AST+NEFA+BHBA+Arg+Lys;0.763, 253.750, 1+ALB+AST+gGT+T-BIL+Lys+Ile;0.763, 252.948, 1+ALB+ALT+NEFA+His+Arg+Ile;0.763, 252.029, 1+ALB+ALT+NEFA+BHBA+Arg+Lys;0.763, 253.336, 1+ALB+BUN+gGT+Glc+Arg+Lys;0.763, 253.578, 1+ALB+BUN+Glc+Thr+Orn+Lys;0.763, 252.237, 1+ALB+AST+ALT+Arg+Val+Phe;0.763, 252.256, 1+ALB+NEFA+3MeHis+Asp+Lys+Trp;0.763, 252.428, 1+ALB+BUN+AST+3MeHis+Arg+Orn;0.763, 254.945, 1+ALB+BUN+Arg+Thr+Orn+Ile;0.763, 251.642, 1+ALB+BUN+AST+BHBA+Arg+Lys;0.763, 251.897, 1+ALB+BUN+AST+Glc+Thr+Lys;0.763, 251.276, 1+ALB+AST+ALT+Arg+Thr+Lys;0.763, 252.140, 1+ALB+ALT+NEFA+BHBA+His+Lys;0.763, 253.847, 1+ALB+BUN+Ca+His+Arg+Orn;0.763, 252.927, 1+ALB+ALT+NEFA+BHBA+His+Arg;0.763, 253.476, 1+ALB+BUN+BHBA+Arg+Thr+Lys;0.763, 253.731, 1+ALB+3MeHis+Arg+Lys+Val+Trp;0.763, 253.937, 1+ALB+AST+3MeHis+Orn+Val+Phe;0.763, 254.346, 1+ALB+BUN+NEFA+3MeHis+Tyr+Trp;0.763, 250.125, 1+ALB+ALT+NEFA+Asp+Lys+Trp;0.763, 252.858, 1+ALB+ALT+Lys+Tyr+Val+Phe;0.763, 253.496, 1+ALB+BUN+AST+NEFA+Val+Phe;0.763, 251.711, 1+ALB+BUN+A

ST+Glc+Orn+Lys;0.763, 251.639, 1+ALB+AST+ALT+NEFA+Lys+Phe;0.763, 252.846, 1+ALB+AST+3MeHis+Orn+Tyr+Trp;0.763, 256.798, 1+ALB+NEFA+BHBA+Arg+Thr+Ile;0.763, 253.077, 1+ALB+AST+gGT+His+Orn+Lys;0.763, 252.540, 1+ALB+ALT+3MeHis+Arg+Orn+Val;0.763, 252.783, 1+ALB+BUN+gGT+NEFA+Arg+Lys;0.763, 253.496, 1+ALB+BUN+gGT+Glc+Orn+Lys;0.763, 253.680, 1+ALB+BUN+AST+3MeHis+Tyr+Phe;0.763, 254.369, 1+ALB+BUN+NEFA+3MeHis+Val+Trp;0.763, 253.539, 1+ALB+ALT+gGT+BHBA+Arg+Ile;0.763, 252.777, 1+ALB+AST+ALT+Glc+Arg+Ile;0.763, 252.030, 1+ALB+ALT+Glc+His+Thr+Lys;0.763, 252.759, 1+ALB+AST+Arg+Orn+Lys+Trp;0.763, 253.570, 1+ALB+AST+NEFA+Thr+Orn+Lys;0.763, 254.666, 1+ALB+gGT+NEFA+Glc+His+Lys;0.763, 252.040, 1+ALB+ALT+NEFA+Arg+Orn+Lys;0.763, 252.268, 1+ALB+ALT+NEFA+3MeHis+Orn+Lys;0.763, 252.270, 1+ALB+3MeHis+Asp+Orn+Lys+Trp;0.763, 251.843, 1+ALB+BUN+AST+gGT+Glc+Lys;0.763, 250.135, 1+ALB+AST+NEFA+3MeHis+Asp+Lys;0.763, 251.519, 1+ALB+BUN+AST+ALT+Thr+Orn;0.763, 252.094, 1+ALB+BUN+AST+gGT+Thr+Lys;0.763, 252.341, 1+ALB+AST+ALT+T-BIL+His+Arg;0.763, 253.647, 1+ALB+AST+gGT+His+Arg+Orn;0.763, 253.516, 1+ALB+BUN+gGT+Arg+Orn+Lys;0.763, 253.470, 1+ALB+ALT+gGT+NEFA+Arg+Ile;0.763, 252.630, 1+ALB+AST+ALT+BHBA+Arg+Thr;0.763, 251.103, 1+ALB+AST+ALT+Glc+Arg+Lys;0.763, 252.222, 1+ALB+AST+3MeHis+Orn+Lys+Trp;0.763, 254.714, 1+ALB+AST+NEFA+Tyr+Phe+Trp;0.763, 252.144, 1+ALB+ALT+NEFA+T-BIL+His+Lys;0.763, 252.439, 1+ALB+ALT+gGT+T-BIL+Lys+Ile;0.763, 253.685, 1+ALB+BUN+T-BIL+His+Thr+Orn;0.763, 251.887, 1+ALB+ALT+T-BIL+Glc+Lys+Ile;0.763, 254.851, 1+ALB+NEFA+BHBA+His+Lys+Ile;0.763, 251.938, 1+ALB+ALT+His+Thr+Lys+Ile;0.763, 251.371, 1+ALB+AST+ALT+T-BIL+Lys+Ile;0.763, 253.099, 1+ALB+ALT+Arg+Orn+Tyr+Val;0.763, 253.633, 1+ALB+BUN+BHBA+Thr+Orn+Lys;0.763, 253.139, 1+ALB+ALT+BHBA+Arg+Thr+Orn;0.763, 253.589, 1+ALB+ALT+gGT+T-BIL+Arg+Ile;0.763, 254.857, 1+Ala+Gly+Trp+TG+ALB;0.763, 251.262, 1+ALB+AST+ALT+BHBA+Arg+Lys;0.763, 252.163, 1+ALB+AST+ALT+T-BIL+Arg+Orn;0.763, 252.345, 1+ALB+AST+ALT+NEFA+Arg+Thr;0.763, 252.176, 1+ALB+AST+NEFA+3MeHis+Arg+Lys;0.763, 253.393, 1+A

LB+BUN+Ca+Glc+Arg+Lys;0.763,255.906,1+ALB+Orn+Tyr+Val+Phe+Trp;0.763,253.607,1+ALB+BUN+gGT+Glc+Thr+Lys;0.763,252.630,1+ALB+AST+ALT+gGT+Arg+Thr;0.763,252.085,1+ALB+AST+NEFA+Asp+Orn+Lys;0.763,250.932,1+ALB+AST+ALT+NEFA+Asp+Trp;0.763,255.095,1+ALB+T-BIL+Glc+His+Thr+Lys;0.763,251.848,1+ALB+ALT+Glc+Thr+Lys+Ile;0.763,253.534,1+ALB+AST+NEFA+His+Thr+Orn;0.763,255.236,1+ALB+AST+T-BIL+Arg+Thr+Ile;0.763,251.971,1+ALB+Ca+ALT+His+Arg+Thr;0.763,252.830,1+ALB+Ca+AST+NEFA+Lys+Ile;0.763,253.705,1+ALB+BUN+Ca+Thr+Orn+Lys;0.763,251.860,1+ALB+AST+ALT+Orn+Lys+Val;0.763,252.504,1+ALB+3MeHis+Asp+Lys+Val+Phe;0.763,253.330,1+ALB+BUN+gGT+BHBA+Glc+Lys;0.763,255.108,1+ALB+NEFA+Thr+Orn+Lys+Ile;0.763,252.255,1+ALB+3MeHis+Asp+Lys+Phe+Trp;0.763,253.189,1+ALB+ALT+T-BIL+His+Arg+Ile;0.763,254.302,1+ALB+NEFA+3MeHis+Arg+Lys+Tyr;0.763,252.088,1+ALB+AST+ALT+Arg+Thr+Orn;0.763,254.122,1+ALB+BUN+His+Thr+Orn+Ile;0.763,251.878,1+ALB+AST+NEFA+Asp+Orn+Trp;0.763,253.864,1+ALB+AST+T-BIL+Arg+Orn+Lys;0.763,251.973,1+ALB+ALT+T-BIL+His+Lys+Ile;0.763,255.904,1+ALB+AST+gGT+Arg+Thr+Ile;0.763,255.548,1+ALB+NEFA+3MeHis+Lys+Tyr+Phe;0.763,252.564,1+ALB+ALT+BHBA+Glc+Orn+Lys;0.763,253.168,1+ALB+ALT+NEFA+Arg+Thr+Orn;0.763,252.578,1+ALB+BUN+ALT+NEFA+3MeHis+Orn;0.763,252.016,1+ALB+ALT+NEFA+Arg+Thr+Lys;0.763,252.262,1+ALB+ALT+3MeHis+Orn+Lys+Tyr;0.763,252.603,1+ALB+AST+ALT+T-BIL+Arg+Thr;0.763,249.866,1+ALB+AST+ALT+Arg+Asp+Lys;0.763,250.547,1+ALB+AST+3MeHis+Asp+Lys+Phe;0.763,251.966,1+ALB+BUN+AST+ALT+gGT+Orn;0.763,253.586,1+ALB+AST+NEFA+Orn+Lys+Phe;0.763,253.893,1+ALB+AST+NEFA+Lys+Val+Phe;0.763,253.376,1+ALB+AST+His+Arg+Thr+Lys;0.762,252.642,1+ALB+ALT+Glc+Thr+Orn+Lys;0.762,253.519,1+ALB+BUN+gGT+Arg+Thr+Lys;0.762,254.346,1+ALB+BUN+3MeHis+Tyr+Val+Trp;0.762,251.930,1+ALB+ALT+gGT+Glc+Arg+Lys;0.762,251.046,1+ALB+AST+ALT+Arg+Asp+Orn;0.762,255.222,1+ALB+Arg+Thr+Orn+Lys+Ile;0.762,251.271,1+ALB+AST+ALT+gGT+Arg+Lys;0.762,253.648,1+ALB+AST+NEFA+BHBA+Orn+Lys;0.762,252.402,1+ALB+

ALT+T-BIL+BHBA+Lys+Ile;0.762, 252.453, 1+ALB+ALT+BHBA+His+Thr+Lys;0.762, 252.734, 1+ALB+BUN+AST+T-BIL+His+Orn;0.762, 255.432, 1+ALB+AST+T-BIL+Thr+Orn+Ile;0.762, 253.556, 1+ALB+BUN+Ca+BHBA+Orn+Lys;0.762, 251.741, 1+ALB+BUN+Ca+AST+Arg+Lys;0.762, 253.684, 1+ALB+ALT+T-BIL+Glc+Arg+Ile;0.762, 252.109, 1+ALB+ALT+gGT+Arg+Orn+Lys;0.762, 253.506, 1+ALB+ALT+NEFA+Glc+Arg+Ile;0.762, 250.730, 1+ALB+ALT+Arg+Asp+Lys+Val;0.762, 252.009, 1+ALB+AST+ALT+NEFA+Arg+Orn;0.762, 250.802, 1+ALB+AST+ALT+Asp+Val+Trp;0.762, 251.834, 1+ALB+ALT+Glc+His+Lys+Ile;0.762, 252.680, 1+ALB+AST+3MeHis+Lys+Phe+Trp;0.762, 253.631, 1+ALB+AST+BHBA+His+Arg+Orn;0.762, 252.276, 1+ALB+3MeHis+Arg+Asp+Lys+Val;0.762, 252.118, 1+ALB+ALT+Arg+Thr+Orn+Lys;0.762, 250.305, 1+ALB+ALT+Arg+Asp+Lys+Tyr;0.762, 251.981, 1+ALB+ALT+Glc+Arg+Thr+Lys;0.762, 251.648, 1+ALB+AST+ALT+NEFA+Orn+Lys;0.762, 252.509, 1+ALB+AST+ALT+BHBA+His+Arg;0.762, 253.667, 1+ALB+AST+NEFA+T-BIL+Orn+Lys;0.762, 253.225, 1+ALB+AST+NEFA+T-BIL+Arg+Lys;0.762, 253.264, 1+ALB+AST+NEFA+3MeHis+Lys+Tyr;0.762, 251.937, 1+ALB+ALT+BHBA+Glc+His+Lys;0.762, 253.149, 1+ALB+ALT+T-BIL+Arg+Thr+Orn;0.762, 254.435, 1+ALB+NEFA+Glc+Orn+Lys+Ile;0.762, 250.740, 1+ALB+ALT+Arg+Asp+Orn+Lys;0.762, 251.938, 1+ALB+ALT+BHBA+Glc+Arg+Lys;0.762, 251.951, 1+ALB+ALT+T-BIL+Glc+Arg+Lys;0.762, 253.387, 1+ALB+ALT+NEFA+BHBA+Arg+Ile;0.762, 253.678, 1+ALB+ALT+BHBA+Glc+Arg+Ile;0.762, 251.412, 1+ALB+AST+ALT+Glc+Lys+Ile;0.762, 251.513, 1+ALB+BUN+AST+Asp+Orn+Phe;0.762, 252.618, 1+ALB+AST+ALT+NEFA+BHBA+Arg;0.762, 252.162, 1+ALB+AST+Asp+Orn+Phe+Trp;0.762, 252.488, 1+ALB+AST+ALT+Glc+His+Arg;0.762, 252.748, 1+ALB+AST+3MeHis+Arg+Lys+Phe;0.762, 251.565, 1+ALB+AST+ALT+T-BIL+His+Lys;0.762, 253.071, 1+ALB+AST+NEFA+BHBA+His+Lys;0.762, 252.513, 1+ALB+ALT+NEFA+3MeHis+Arg+Orn;0.762, 255.253, 1+ALB+NEFA+Lys+Tyr+Phe+Trp;0.762, 254.357, 1+ALB+T-BIL+BHBA+His+Orn+Lys;0.762, 253.166, 1+ALB+AST+NEFA+Arg+Thr+Lys;0.762, 253.854, 1+ALB+Ca+NEFA+His+Orn+Lys;0.762, 253.407, 1+ALB+BUN+Ca+BHBA+Arg+Lys;0.762, 253.022, 1+ALB+Ca+ALT+Glc+Arg+Orn;0.762, 253.109, 1

+ALB+ALT+NEFA+Glc+Arg+Orn;0.762, 252.592, 1+ALB+ALT+T-BIL+Glc+Orn+Lys;0.762, 252.723, 1+ALB+ALT+3MeHis+Arg+Tyr+Val;0.762, 255.403, 1+ALB+NEFA+3MeHis+Lys+Val+Phe;0.762, 252.144, 1+ALB+ALT+BHBA+Arg+Orn+Lys;0.762, 252.538, 1+ALB+BUN+ALT+3MeHis+Orn+Val;0.762, 252.731, 1+ALB+BUN+ALT+NEFA+Glc+Orn;0.762, 252.027, 1+ALB+ALT+gGT+NEFA+Arg+Lys;0.762, 253.067, 1+ALB+ALT+gGT+T-BIL+His+Arg;0.762, 255.012, 1+ALB+NEFA+T-BIL+Orn+Lys+Ile;0.762, 252.927, 1+ALB+AST+NEFA+Glc+Arg+Lys;0.762, 253.605, 1+ALB+BUN+Ca+BHBA+Thr+Lys;0.762, 253.184, 1+ALB+ALT+NEFA+BHBA+Arg+Orn;0.762, 252.144, 1+ALB+ALT+T-BIL+Arg+Orn+Lys;0.762, 252.183, 1+ALB+ALT+T-BIL+BHBA+Arg+Lys;0.762, 253.420, 1+ALB+BUN+gGT+BHBA+Arg+Lys;0.762, 252.146, 1+ALB+ALT+gGT+BHBA+Arg+Lys;0.762, 251.944, 1+ALB+BUN+AST+Thr+Orn+Lys;0.762, 252.910, 1+ALB+AST+NEFA+3MeHis+Orn+Lys;0.762, 253.034, 1+ALB+AST+Glc+His+Arg+Lys;0.762, 253.442, 1+ALB+AST+gGT+His+Arg+Lys;0.762, 253.068, 1+ALB+Ca+AST+His+Orn+Lys;0.762, 253.124, 1+ALB+ALT+T-BIL+Glc+His+Arg;0.762, 254.821, 1+ALB+3MeHis+Arg+Orn+Lys+Val;0.762, 252.754, 1+ALB+3MeHis+Arg+Asp+Orn+Lys;0.762, 252.846, 1+ALB+ALT+NEFA+T-BIL+His+Arg;0.762, 254.424, 1+ALB+3MeHis+Arg+Lys+Phe+Trp;0.762, 255.453, 1+ALB+BUN+3MeHis+Tyr+Val+Phe;0.762, 252.910, 1+Ala+Gly+Trp+ALB;0.762, 253.031, 1+ALB+ALT+gGT+Glc+His+Arg;0.762, 255.619, 1+ALB+NEFA+BHBA+Thr+Lys+Ile;0.762, 252.066, 1+ALB+BUN+AST+NEFA+Arg+Asp;0.762, 253.349, 1+ALB+BUN+AST+T-BIL+Arg+Thr;0.762, 250.491, 1+ALB+AST+3MeHis+Asp+Orn+Lys;0.762, 252.034, 1+ALB+BUN+AST+ALT+Orn+Ile;0.762, 254.501, 1+ALB+AST+Arg+Orn+Lys+Val;0.762, 254.565, 1+ALB+AST+T-BIL+His+Orn+Ile;0.762, 255.900, 1+ALB+AST+BHBA+Arg+Thr+Ile;0.762, 253.058, 1+ALB+AST+NEFA+T-BIL+His+Lys;0.762, 252.205, 1+ALB+BUN+Ca+ALT+Thr+Orn;0.762, 253.066, 1+ALB+ALT+NEFA+T-BIL+Arg+Orn;0.762, 253.193, 1+ALB+ALT+NEFA+Arg+Orn+Tyr;0.762, 254.609, 1+ALB+3MeHis+Arg+Lys+Tyr+Phe;0.762, 252.219, 1+ALB+BUN+ALT+3MeHis+Orn+Tyr;0.762, 252.756, 1+ALB+3MeHis+Arg+Asp+Lys+Phe;0.762, 255.262, 1+ALB+NEFA+Arg+Lys+Tyr+P

he;0.762, 252.144, 1+ALB+ALT+gGT+T-BIL+Arg+Lys;0.762, 253.200, 1+ALB+ALT+T-BIL+BHBA+His+Arg;0.762, 253.658, 1+ALB+ALT+T-BIL+BHBA+Arg+Ile;0.762, 251.612, 1+ALB+AST+ALT+Orn+Lys+Phe;0.762, 251.943, 1+ALB+BUN+AST+ALT+Glc+Orn;0.762, 252.016, 1+ALB+BUN+AST+NEFA+Asp+Orn;0.762, 251.608, 1+ALB+AST+ALT+His+Lys+Ile;0.762, 253.927, 1+ALB+AST+T-BIL+His+Thr+Orn;0.762, 253.348, 1+ALB+AST+NEFA+His+Arg+Thr;0.762, 253.772, 1+ALB+BUN+Ca+gGT+Thr+Lys;0.762, 253.513, 1+ALB+BUN+Ca+Glc+Orn+Lys;0.762, 252.881, 1+ALB+ALT+NEFA+Glc+His+Arg;0.762, 251.916, 1+ALB+ALT+NEFA+Asp+Val+Trp;0.762, 252.687, 1+ALB+BUN+ALT+T-BIL+Glc+Orn;0.762, 252.730, 1+ALB+BUN+ALT+Glc+Orn+Ile;0.762, 252.185, 1+ALB+AST+ALT+BHBA+Arg+Orn;0.762, 252.543, 1+ALB+ALT+NEFA+3MeHis+Lys+Tyr;0.762, 252.637, 1+ALB+AST+3MeHis+Arg+Orn+Lys;0.762, 253.517, 1+ALB+ALT+gGT+Glc+Arg+Ile;0.762, 252.206, 1+ALB+ALT+BHBA+His+Lys+Ile;0.762, 252.413, 1+ALB+ALT+NEFA+3MeHis+Lys+Val;0.762, 252.537, 1+ALB+ALT+gGT+BHBA+His+Lys;0.762, 252.661, 1+ALB+AST+ALT+gGT+NEFA+Arg;0.762, 252.213, 1+ALB+AST+NEFA+Asp+Lys+Phe;0.762, 253.121, 1+ALB+BUN+AST+NEFA+Arg+Thr;0.762, 253.665, 1+ALB+AST+Arg+Val+Phe+Trp;0.762, 255.743, 1+ALB+T-BIL+BHBA+His+Lys+Ile;0.762, 253.138, 1+ALB+Ca+ALT+Arg+Thr+Orn;0.762, 252.680, 1+ALB+Ca+AST+ALT+Arg+Ile;0.762, 254.795, 1+ALB+3MeHis+Lys+Tyr+Val+Trp;0.762, 250.943, 1+ALB+AST+ALT+Asp+Tyr+Trp;0.762, 251.524, 1+ALB+AST+ALT+NEFA+3MeHis+Lys;0.762, 252.434, 1+ALB+ALT+BHBA+Thr+Lys+Ile;0.762, 252.556, 1+ALB+BUN+AST+His+Thr+Orn;0.762, 254.929, 1+ALB+AST+NEFA+Thr+Orn+Ile;0.762, 253.318, 1+ALB+AST+BHBA+His+Arg+Lys;0.762, 253.592, 1+ALB+Ca+ALT+T-BIL+Arg+Ile;0.762, 253.618, 1+ALB+BUN+Ca+Glc+Thr+Lys;0.762, 250.883, 1+ALB+BUN+Ca+AST+T-BIL+Lys;0.762, 252.636, 1+ALB+NEFA+3MeHis+Arg+Asp+Lys;0.762, 253.104, 1+ALB+ALT+gGT+Arg+Thr+Orn;0.762, 253.691, 1+ALB+BUN+AST+3MeHis+Val+Phe;0.762, 254.419, 1+ALB+3MeHis+Arg+Orn+Lys+Trp;0.762, 254.748, 1+ALB+3MeHis+Arg+Orn+Lys+Tyr;0.762, 256.303, 1+Ala+Gly+Trp+Glc+gGT+ALB;0.762, 251.907, 1+ALB+BUN+AST+ALT+T-BIL+Orn;0.762, 254.915, 1+ALB+NEFA+T-BIL+

His+Lys+Ile;0.762, 254.922, 1+ALB+gGT+NEFA+His+Lys+Ile;0.762, 253.050, 1+ALB+AST+NEFA+His+Thr+Lys;0.762, 253.476, 1+ALB+Ca+ALT+Glc+Arg+Ile;0.762, 251.849, 1+ALB+BUN+Ca+AST+Glc+Lys;0.762, 255.092, 1+ALB+3MeHis+Orn+Val+Phe+Trp;0.762, 252.961, 1+ALB+ALT+Glc+Arg+Thr+Orn;0.762, 252.502, 1+ALB+AST+ALT+Arg+Tyr+Val;0.762, 252.762, 1+ALB+ALT+NEFA+T-BIL+Orn+Lys;0.762, 252.450, 1+ALB+ALT+3MeHis+Lys+Tyr+Val;0.762, 253.223, 1+ALB+ALT+BHBA+His+Arg+Ile;0.762, 252.754, 1+ALB+AST+ALT+Glc+His+Orn;0.762, 254.426, 1+ALB+AST+NEFA+Arg+Orn+Val;0.762, 252.356, 1+ALB+ALT+T-BIL+His+Thr+Lys;0.762, 252.407, 1+ALB+ALT+T-BIL+BHBA+His+Lys;0.762, 252.435, 1+ALB+ALT+gGT+Thr+Lys+Ile;0.762, 253.998, 1+ALB+AST+T-BIL+BHBA+Arg+Lys;0.762, 254.779, 1+ALB+T-BIL+Glc+His+Lys+Ile;0.762, 253.571, 1+ALB+BUN+Ca+gGT+BHBA+Lys;0.762, 253.456, 1+ALB+Ca+ALT+gGT+Arg+Ile;0.762, 253.053, 1+ALB+Ca+ALT+His+Arg+Ile;0.762, 252.989, 1+ALB+Ca+ALT+Glc+His+Arg;0.762, 253.146, 1+ALB+ALT+BHBA+Glc+Arg+Orn;0.762, 250.899, 1+ALB+ALT+NEFA+Asp+Orn+Lys;0.762, 251.776, 1+ALB+3MeHis+Arg+Asp+Lys+Tyr;0.762, 252.163, 1+ALB+ALT+T-BIL+Arg+Thr+Lys;0.762, 252.277, 1+ALB+BUN+AST+Arg+Asp+Phe;0.762, 252.460, 1+ALB+ALT+Glc+His+Thr+Orn;0.762, 252.835, 1+ALB+BUN+ALT+NEFA+Orn+Ile;0.762, 254.390, 1+ALB+NEFA+3MeHis+Arg+Lys+Trp;0.762, 254.581, 1+ALB+NEFA+3MeHis+Arg+Lys+Val;0.762, 254.091, 1+ALB+AST+T-BIL+Thr+Orn+Lys;0.762, 252.210, 1+ALB+AST+ALT+Lys+Val+Phe;0.762, 253.001, 1+ALB+AST+ALT+gGT+Glc+Arg;0.762, 252.413, 1+ALB+ALT+gGT+T-BIL+His+Lys;0.762, 252.571, 1+ALB+ALT+gGT+His+Thr+Lys;0.762, 253.910, 1+ALB+AST+NEFA+Arg+Asp+Tyr;0.762, 253.102, 1+ALB+AST+His+Arg+Thr+Orn;0.762, 252.595, 1+ALB+Ca+AST+ALT+Arg+Thr;0.761, 253.148, 1+ALB+ALT+T-BIL+Glc+Arg+Orn;0.761, 255.574, 1+ALB+3MeHis+Arg+Orn+Tyr+Phe;0.761, 252.835, 1+ALB+BUN+ALT+gGT+Orn+Ile;0.761, 253.736, 1+ALB+BUN+AST+Arg+Orn+Tyr;0.761, 251.198, 1+ALB+BUN+AST+NEFA+Asp+Phe;0.761, 252.564, 1+ALB+AST+ALT+NEFA+T-BIL+Arg;0.761, 252.939, 1+ALB+AST+ALT+T-BIL+BHBA+Arg;0.761, 254.296, 1+ALB+AST+NEFA+BHBA+Arg+Orn;0.761, 249.840, 1+ALB+AST+ALT+

NEFA+Asp+Lys;0.761,251.961,1+ALB+BUN+AST+ALT+Orn+Val;0.761,251.871,1+
ALB+AST+ALT+BHBA+His+Lys;0.761,252.002,1+ALB+AST+ALT+NEFA+Lys+Val;0.7
61,252.832,1+ALB+AST+gGT+NEFA+His+Lys;0.761,253.662,1+ALB+BUN+Ca+gGT+
Orn+Lys;0.761,252.613,1+ALB+Ca+AST+ALT+NEFA+Arg;0.761,252.407,1+ALB+C
a+AST+ALT+His+Arg;0.761,252.266,1+ALB+ALT+gGT+Glc+His+Lys;0.761,254.5
88,1+ALB+3MeHis+Orn+Lys+Tyr+Trp;0.761,252.453,1+ALB+BUN+ALT+Orn+Tyr+V
al;0.761,253.172,1+ALB+ALT+Glc+His+Arg+Ile;0.761,254.390,1+ALB+gGT+T-
BIL+His+Orn+Lys;0.761,251.903,1+ALB+AST+ALT+3MeHis+Arg+Tyr;0.761,252.
179,1+ALB+AST+ALT+Arg+Orn+Val;0.761,252.180,1+ALB+AST+ALT+gGT+Arg+Orn
;0.761,252.271,1+ALB+ALT+gGT+His+Lys+Ile;0.761,252.965,1+ALB+AST+ALT+
gGT+T-BIL+Arg;0.761,253.248,1+ALB+AST+NEFA+Glc+Orn+Lys;0.761,252.628,
1+ALB+ALT+gGT+Glc+Orn+Lys;0.761,256.464,1+ALB+NEFA+Orn+Lys+Val+Phe;0.
761,256.075,1+ALB+Lys+Tyr+Val+Phe+Trp;0.761,253.736,1+ALB+BUN+AST+gGT
+Arg+Orn;0.761,257.180,1+ALB+BHBA+Arg+Thr+Orn+Ile;0.761,254.064,1+ALB
+AST+NEFA+Arg+Orn+Phe;0.761,254.195,1+ALB+AST+NEFA+T-BIL+BHBA+Lys;0.7
61,253.142,1+ALB+AST+gGT+NEFA+Arg+Lys;0.761,251.842,1+ALB+BUN+Ca+AST+
BHBA+Lys;0.761,252.098,1+ALB+Ca+ALT+NEFA+His+Lys;0.761,251.938,1+ALB+
Ca+ALT+Glc+Arg+Lys;0.761,251.711,1+ALB+AST+3MeHis+Asp+Tyr+Trp;0.761,2
53.239,1+ALB+ALT+NEFA+Arg+Orn+Val;0.761,253.279,1+ALB+ALT+NEFA+Glc+Ar
g+Thr;0.761,252.818,1+ALB+BUN+ALT+NEFA+BHBA+Orn;0.761,253.105,1+ALB+A
LT+gGT+BHBA+His+Arg;0.761,254.752,1+ALB+3MeHis+Arg+Lys+Tyr+Val;0.761,
255.118,1+ALB+gGT+NEFA+Orn+Lys+Ile;0.761,255.890,1+ALB+T-BIL+Thr+Orn+
Lys+Ile;0.761,250.888,1+ALB+ALT+Asp+Orn+Lys+Tyr;0.761,251.689,1+ALB+A
ST+ALT+Arg+Asp+Tyr;0.761,252.789,1+ALB+ALT+NEFA+T-BIL+Glc+Lys;0.761,2
53.046,1+ALB+AST+ALT+gGT+BHBA+Arg;0.761,253.067,1+ALB+ALT+NEFA+T-BIL+
BHBA+Lys;0.761,252.862,1+ALB+AST+ALT+T-BIL+His+Orn;0.761,254.900,1+AL
B+AST+NEFA+BHBA+Arg+Ile;0.761,253.455,1+ALB+BUN+Ca+gGT+Arg+Lys;0.761,
252.859,1+ALB+Ca+ALT+NEFA+His+Arg;0.761,252.587,1+ALB+BUN+Ca+ALT+Glc+

Orn;0.761,252.608,1+ALB+Ca+ALT+Glc+Orn+Lys;0.761,254.848,1+ALB+NEFA+3MeHis+Lys+Tyr+Trp;0.761,252.419,1+ALB+ALT+NEFA+Arg+Asp+Tyr;0.761,253.231,1+ALB+ALT+gGT+Glc+Arg+Thr;0.761,254.449,1+ALB+T-BIL+His+Thr+Orn+Lys;0.761,251.898,1+ALB+AST+ALT+NEFA+3MeHis+Arg;0.761,251.946,1+ALB+AST+ALT+Orn+Lys+Tyr;0.761,252.099,1+ALB+AST+ALT+Arg+Orn+Tyr;0.761,250.155,1+ALB+AST+3MeHis+Asp+Lys+Val;0.761,250.196,1+ALB+AST+ALT+Asp+Lys+Phe;0.761,252.836,1+ALB+AST+3MeHis+Orn+Phe+Trp;0.761,253.643,1+ALB+BUN+AST+NEFA+T-BIL+Arg;0.761,252.790,1+ALB+AST+ALT+NEFA+His+Orn;0.761,253.492,1+ALB+AST+gGT+NEFA+Orn+Lys;0.761,254.382,1+ALB+AST+NEFA+Arg+Thr+Orn;0.761,253.509,1+ALB+Ca+ALT+BHBA+Arg+Ile;0.761,252.024,1+ALB+Ca+ALT+NEFA+Arg+Lys;0.761,252.870,1+ALB+AST+NEFA+Asp+Phe+Trp;0.761,252.198,1+ALB+BUN+3MeHis+Arg+Asp+Orn;0.761,252.916,1+ALB+ALT+NEFA+3MeHis+Arg+Tyr;0.761,252.166,1+ALB+ALT+BHBA+Arg+Thr+Lys;0.761,252.462,1+ALB+AST+ALT+Glc+Arg+Thr;0.761,252.928,1+ALB+AST+Asp+Tyr+Phe+Trp;0.761,252.752,1+ALB+ALT+NEFA+BHBA+Glc+Lys;0.761,252.976,1+ALB+3MeHis+Asp+Orn+Lys+Phe;0.761,250.050,1+ALB+AST+3MeHis+Asp+Lys+Tyr;0.761,251.778,1+ALB+BUN+AST+ALT+3MeHis+Orn;0.761,253.096,1+ALB+ALT+gGT+NEFA+T-BIL+Lys;0.761,252.929,1+ALB+BUN+AST+NEFA+His+Orn;0.761,253.536,1+ALB+BUN+Ca+gGT+Glc+Lys;0.761,251.904,1+ALB+BUN+Ca+AST+Orn+Lys;0.761,252.089,1+ALB+Ca+ALT+NEFA+Lys+Ile;0.761,255.223,1+Ala+Gly+Trp+TCHO+TG+ALB;0.761,252.966,1+ALB+Ca+AST+ALT+gGT+Arg;0.761,252.451,1+ALB+BUN+3MeHis+Arg+Asp+Val;0.761,253.255,1+ALB+ALT+T-BIL+BHBA+Arg+Orn;0.761,252.811,1+ALB+BUN+ALT+T-BIL+BHBA+Orn;0.761,252.861,1+ALB+ALT+NEFA+3MeHis+Arg+Val;0.761,252.810,1+ALB+ALT+NEFA+Thr+Orn+Lys;0.761,253.676,1+ALB+Asp+Lys+Tyr+Phe+Trp;0.761,251.407,1+ALB+AST+ALT+3MeHis+Arg+Orn;0.761,253.227,1+ALB+BUN+AST+3MeHis+Arg+Tyr;0.761,253.682,1+ALB+BUN+AST+NEFA+BHBA+Arg;0.761,251.635,1+ALB+AST+ALT+3MeHis+Lys+Val;0.761,251.758,1+ALB+AST+ALT+BHBA+Lys+Ile;0.761,251.895,1+ALB+AST+3MeHis+Arg+Asp+Orn;0.761,251.945,1+

ALB+AST+ALT+Thr+Orn+Lys;0.761,252.214,1+ALB+AST+3MeHis+Arg+Asp+Tyr;0.761,252.987,1+ALB+AST+NEFA+3MeHis+Orn+Trp;0.761,254.380,1+ALB+AST+NEFA+T-BIL+Arg+Orn;0.761,252.028,1+ALB+AST+ALT+NEFA+Lys+Tyr;0.761,252.036,1+ALB+AST+ALT+NEFA+T-BIL+Lys;0.761,253.957,1+ALB+AST+T-BIL+Arg+Thr+Lys;0.761,254.242,1+ALB+AST+His+Thr+Orn+Ile;0.761,252.896,1+ALB+Ca+AST+ALT+T-BIL+Arg;0.761,251.795,1+ALB+ALT+Asp+Tyr+Val+Trp;0.761,252.732,1+ALB+BUN+ALT+gGT+Glc+Orn;0.761,252.836,1+ALB+BUN+ALT+gGT+NEFA+Orn;0.761,252.773,1+ALB+BUN+AST+NEFA+3MeHis+Arg;0.761,252.957,1+ALB+ALT+T-BIL+BHBA+Orn+Lys;0.761,253.696,1+ALB+BUN+AST+BHBA+Arg+Orn;0.761,252.109,1+ALB+ALT+BHBA+Glc+Lys+Ile;0.761,253.315,1+ALB+BUN+Ca+BHBA+Glc+Lys;0.761,251.265,1+ALB+Ca+AST+ALT+Arg+Lys;0.761,253.188,1+ALB+ALT+BHBA+Glc+His+Arg;0.761,255.099,1+ALB+NEFA+Orn+Lys+Tyr+Trp;0.761,252.673,1+ALB+BUN+ALT+BHBA+Glc+Orn;0.761,252.818,1+ALB+BUN+ALT+gGT+BHBA+Orn;0.761,252.818,1+ALB+BUN+ALT+BHBA+Orn+Ile;0.761,254.037,1+ALB+AST+NEFA+Lys+Tyr+Val;0.761,254.282,1+ALB+BUN+AST+gGT+Arg+Thr;0.761,253.094,1+ALB+ALT+NEFA+T-BIL+Thr+Lys;0.761,252.588,1+ALB+ALT+gGT+BHBA+Lys+Ile;0.761,253.009,1+ALB+AST+ALT+Thr+Orn+Ile;0.761,253.217,1+ALB+AST+NEFA+3MeHis+Lys+Phe;0.761,253.740,1+ALB+AST+T-BIL+BHBA+His+Lys;0.761,253.177,1+ALB+Ca+AST+NEFA+Arg+Lys;0.761,251.794,1+ALB+ALT+Arg+Asp+Tyr+Val;0.761,252.502,1+ALB+3MeHis+Asp+Orn+Lys+Val;0.761,250.726,1+ALB+ALT+NEFA+Asp+Lys+Tyr;0.761,252.846,1+ALB+ALT+gGT+NEFA+Orn+Lys;0.761,254.167,1+ALB+AST+3MeHis+Orn+Tyr+Phe;0.761,252.482,1+ALB+AST+ALT+NEFA+Arg+Val;0.761,251.639,1+ALB+AST+ALT+Glc+His+Lys;0.761,251.749,1+ALB+BUN+AST+ALT+Orn+Tyr;0.761,253.652,1+ALB+BUN+AST+NEFA+Glc+Arg;0.761,254.164,1+ALB+BUN+BHBA+His+Thr+Orn;0.761,255.225,1+ALB+T-BIL+BHBA+Glc+His+Lys;0.761,251.981,1+ALB+BUN+Ca+AST+ALT+Orn;0.761,253.465,1+ALB+Ca+ALT+NEFA+Arg+Ile;0.761,253.204,1+ALB+Ca+ALT+NEFA+Arg+Orn;0.761,252.097,1+ALB+BUN+Ca+AST+Thr+Lys;0.761,255.631

, 1+ALB+3MeHis+Orn+Lys+Tyr+Phe;0.761, 252.341, 1+ALB+NEFA+3MeHis+Asp+Lys+Val;0.761, 252.933, 1+ALB+ALT+BHBA+Thr+Orn+Lys;0.761, 252.926, 1+ALB+ALT+T-BIL+Thr+Orn+Lys;0.761, 255.676, 1+ALB+NEFA+Arg+Orn+Lys+Tyr;0.761, 252.801, 1+ALB+ALT+NEFA+Glc+Thr+Lys;0.761, 252.979, 1+ALB+ALT+T-BIL+Glc+Thr+Lys;0.761, 253.510, 1+ALB+BUN+AST+Arg+Thr+Orn;0.761, 253.524, 1+ALB+AST+3MeHis+Arg+Orn+Phe;0.761, 251.327, 1+ALB+AST+ALT+NEFA+Arg+Asp;0.761, 251.689, 1+ALB+AST+ALT+NEFA+Glc+Lys;0.761, 251.732, 1+ALB+AST+ALT+3MeHis+Lys+Tyr;0.761, 253.370, 1+ALB+AST+3MeHis+Orn+Lys+Tyr;0.761, 253.477, 1+ALB+AST+ALT+3MeHis+Val+Trp;0.761, 254.514, 1+ALB+AST+gGT+T-BIL+His+Orn;0.761, 251.545, 1+ALB+AST+NEFA+Asp+Lys+Tyr;0.761, 255.354, 1+ALB+AST+NEFA+BHBA+Orn+Ile;0.761, 253.594, 1+ALB+Ca+AST+His+Arg+Orn;0.761, 251.976, 1+ALB+ALT+Arg+Asp+Orn+Tyr;0.761, 252.812, 1+ALB+BUN+ALT+T-BIL+Orn+Ile;0.761, 255.281, 1+ALB+NEFA+3MeHis+Orn+Lys+Val;0.761, 252.452, 1+ALB+BUN+ALT+NEFA+Orn+Tyr;0.761, 252.817, 1+ALB+ALT+NEFA+Orn+Lys+Tyr;0.761, 251.487, 1+ALB+AST+3MeHis+Asp+Phe+Trp;0.761, 251.902, 1+ALB+AST+ALT+gGT+Orn+Lys;0.761, 252.951, 1+ALB+ALT+gGT+T-BIL+Orn+Lys;0.761, 250.219, 1+ALB+AST+ALT+Asp+Lys+Tyr;0.761, 252.117, 1+ALB+Ca+ALT+Arg+Orn+Lys;0.761, 252.976, 1+ALB+Ca+ALT+gGT+His+Arg;0.761, 252.789, 1+ALB+BUN+ALT+NEFA+T-BIL+Orn;0.761, 252.814, 1+ALB+BUN+ALT+gGT+T-BIL+Orn;0.761, 252.075, 1+ALB+AST+ALT+Glc+Arg+Orn;0.761, 252.736, 1+ALB+ALT+NEFA+Orn+Lys+Val;0.761, 253.448, 1+ALB+ALT+gGT+T-BIL+Arg+Thr;0.761, 251.936, 1+ALB+AST+ALT+BHBA+Orn+Lys;0.761, 252.987, 1+ALB+AST+ALT+BHBA+Glc+Arg;0.761, 254.864, 1+ALB+AST+Orn+Lys+Val+Phe;0.761, 252.000, 1+ALB+BUN+AST+ALT+BHBA+Orn;0.761, 253.423, 1+ALB+AST+NEFA+Arg+Asp+Orn;0.761, 251.986, 1+ALB+BUN+AST+ALT+NEFA+Orn;0.761, 252.111, 1+ALB+AST+NEFA+Asp+Lys+Val;0.761, 254.132, 1+ALB+BUN+gGT+His+Thr+Orn;0.761, 254.522, 1+ALB+AST+Arg+Lys+Tyr+Val;0.761, 254.540, 1+ALB+AST+gGT+His+Thr+Orn;0.761, 253.611, 1+ALB+BUN+AST+gGT+His+Orn;0.761, 252.157, 1+ALB+Ca+ALT+BHBA+Arg+Lys;0.761, 252.967, 1+ALB+Ca+AST+ALT+BHBA+Arg;0.761, 25

2. 917, 1+ALB+ALT+T-BIL+BHBA+Glc+Lys; 0.761, 251.846, 1+ALB+AST+ALT+T-BIL+Orn+Lys; 0.761, 253.165, 1+ALB+ALT+gGT+NEFA+BHBA+Lys; 0.761, 251.975, 1+ALB+AST+ALT+His+Thr+Lys; 0.761, 252.031, 1+ALB+BUN+Ca+AST+gGT+Lys; 0.761, 252.156, 1+ALB+Ca+ALT+T-BIL+Arg+Lys; 0.761, 252.935, 1+ALB+Ca+AST+NEFA+His+Lys; 0.761, 252.884, 1+ALB+Ca+AST+ALT+Glc+Arg; 0.761, 253.196, 1+ALB+ALT+gGT+NEFA+Arg+Orn; 0.761, 255.681, 1+ALB+3MeHis+Orn+Lys+Tyr+Val; 0.761, 253.430, 1+ALB+ALT+gGT+BHBA+Arg+Thr; 0.761, 253.695, 1+ALB+BUN+AST+Arg+Orn+Val; 0.761, 254.656, 1+ALB+NEFA+3MeHis+Lys+Val+Trp; 0.761, 252.583, 1+ALB+AST+ALT+NEFA+Glc+Arg; 0.761, 255.602, 1+ALB+AST+Glc+Arg+Thr+Ile; 0.760, 253.197, 1+ALB+Ca+ALT+T-BIL+Arg+Orn; 0.760, 253.169, 1+ALB+Ca+ALT+BHBA+Arg+Orn; 0.760, 252.120, 1+ALB+Ca+ALT+gGT+Arg+Lys; 0.760, 251.017, 1+ALB+ALT+Asp+Orn+Lys+Val; 0.760, 251.891, 1+ALB+AST+ALT+3MeHis+Arg+Val; 0.760, 252.799, 1+ALB+ALT+gGT+NEFA+Glc+Lys; 0.760, 254.489, 1+ALB+AST+Arg+Thr+Orn+Lys; 0.760, 251.891, 1+ALB+AST+ALT+gGT+NEFA+Lys; 0.760, 254.558, 1+ALB+AST+Arg+Orn+Lys+Phe; 0.760, 255.288, 1+ALB+AST+Arg+Orn+Tyr+Val; 0.760, 256.864, 1+ALB+NEFA+Arg+Thr+Orn+Ile; 0.760, 251.717, 1+ALB+AST+ALT+gGT+Lys+Ile; 0.760, 252.046, 1+ALB+AST+ALT+NEFA+BHBA+Lys; 0.760, 252.208, 1+ALB+ALT+gGT+Glc+Lys+Ile; 0.760, 253.409, 1+ALB+AST+NEFA+Asp+Orn+Phe; 0.760, 253.892, 1+ALB+AST+3MeHis+Lys+Val+Phe; 0.760, 253.963, 1+ALB+AST+NEFA+Glc+His+Orn; 0.760, 255.818, 1+ALB+T-BIL+His+Thr+Lys+Ile; 0.760, 253.078, 1+ALB+Ca+ALT+T-BIL+His+Arg; 0.760, 256.453, 1+ALB+NEFA+3MeHis+Orn+Tyr+Phe; 0.760, 251.658, 1+ALB+AST+ALT+Glc+Orn+Lys; 0.760, 254.050, 1+ALB+3MeHis+Asp+Orn+Tyr+Phe; 0.760, 254.699, 1+ALB+ALT+NEFA+Tyr+Val+Trp; 0.760, 253.675, 1+ALB+ALT+T-BIL+Glc+His+Orn; 0.760, 251.351, 1+ALB+AST+ALT+Arg+Asp+Val; 0.760, 250.135, 1+ALB+AST+ALT+Asp+Orn+Lys; 0.760, 253.360, 1+ALB+AST+3MeHis+Orn+Lys+Phe; 0.760, 253.563, 1+ALB+AST+ALT+NEFA+Val+Trp; 0.760, 252.035, 1+ALB+AST+ALT+NEFA+Thr+Lys; 0.760, 255.492, 1+ALB+AST+NEFA+T-BIL+Orn+Ile; 0.760, 257.465, 1+ALB+NEFA+Orn+Tyr+Val+Phe; 0.760, 252.843, 1+ALB+ALT+NEFA+BHBA+Orn+Lys; 0.760, 2

52.900, 1+ALB+ALT+Orn+Lys+Tyr+Val;0.760, 252.954, 1+ALB+ALT+gGT+BHBA+Orn+Lys;0.760, 252.132, 1+ALB+ALT+gGT+Arg+Thr+Lys;0.760, 252.965, 1+ALB+ALT+gGT+T-BIL+Glc+Lys;0.760, 253.339, 1+ALB+ALT+NEFA+T-BIL+Arg+Ile;0.760, 256.754, 1+Ala+Gly+Trp+TG+gGT+ALB;0.760, 254.369, 1+ALB+AST+gGT+NEFA+Arg+Orn;0.760, 253.782, 1+ALB+AST+T-BIL+His+Thr+Lys;0.760, 254.161, 1+ALB+BUN+Ca+His+Thr+Orn;0.760, 252.833, 1+ALB+NEFA+3MeHis+Asp+Orn+Lys;0.760, 254.899, 1+ALB+AST+Orn+Lys+Tyr+Val;0.760, 252.996, 1+ALB+AST+ALT+His+Orn+Ile;0.760, 253.635, 1+ALB+BUN+AST+His+Orn+Ile;0.760, 253.958, 1+ALB+BUN+AST+Thr+Orn+Ile;0.760, 255.578, 1+ALB+AST+T-BIL+BHBA+Orn+Ile;0.760, 253.749, 1+ALB+Ca+AST+T-BIL+Lys+Ile;0.760, 252.235, 1+ALB+Ca+ALT+His+Lys+Ile;0.760, 252.390, 1+ALB+Ca+ALT+Thr+Lys+Ile;0.760, 252.826, 1+ALB+NEFA+3MeHis+Asp+Lys+Phe;0.760, 252.701, 1+ALB+BUN+ALT+NEFA+Orn+Val;0.760, 255.400, 1+ALB+Arg+Orn+Lys+Val+Trp;0.760, 253.412, 1+ALB+ALT+gGT+NEFA+Arg+Thr;0.760, 250.757, 1+ALB+BUN+AST+3MeHis+Asp+Orn;0.760, 252.954, 1+ALB+AST+ALT+gGT+His+Orn;0.760, 254.139, 1+ALB+AST+NEFA+BHBA+Thr+Lys;0.760, 254.045, 1+ALB+AST+3MeHis+Lys+Tyr+Phe;0.760, 254.141, 1+ALB+AST+NEFA+T-BIL+Thr+Lys;0.760, 253.552, 1+ALB+BUN+AST+BHBA+His+Orn;0.760, 255.846, 1+ALB+AST+BHBA+Thr+Orn+Ile;0.760, 252.739, 1+ALB+BUN+Ca+ALT+Orn+Ile;0.760, 252.367, 1+ALB+Ca+ALT+T-BIL+His+Lys;0.760, 254.982, 1+ALB+3MeHis+Orn+Lys+Phe+Trp;0.760, 252.058, 1+ALB+ALT+NEFA+Arg+Asp+Orn;0.760, 253.678, 1+ALB+BUN+AST+Glc+Arg+Orn;0.760, 253.810, 1+ALB+ALT+gGT+T-BIL+BHBA+Arg;0.760, 253.150, 1+ALB+ALT+NEFA+Lys+Tyr+Val;0.760, 253.631, 1+ALB+AST+3MeHis+Arg+Orn+Tyr;0.760, 253.916, 1+ALB+BUN+AST+T-BIL+Orn+Ile;0.760, 255.848, 1+ALB+AST+gGT+Thr+Orn+Ile;0.760, 253.704, 1+ALB+AST+gGT+T-BIL+His+Lys;0.760, 252.402, 1+ALB+Ca+ALT+T-BIL+Lys+Ile;0.760, 254.947, 1+ALB+NEFA+3MeHis+Orn+Lys+Trp;0.760, 252.936, 1+ALB+ALT+gGT+Thr+Orn+Lys;0.760, 253.192, 1+ALB+ALT+gGT+T-BIL+Arg+Orn;0.760, 254.906, 1+ALB+3MeHis+Arg+Lys+Val+Phe;0.760, 253.711, 1+ALB+Asp+Lys+Tyr+Val+Trp;0.760, 253.153, 1+ALB+ALT+gGT+NEFA+Thr+Lys;0

. 760, 253. 013, 1+ALB+AST+Asp+Tyr+Val+Trp; 0. 760, 254. 305, 1+ALB+AST+NEFA+His+Orn+Ile; 0. 760, 253. 571, 1+ALB+Ca+AST+NEFA+Orn+Lys; 0. 760, 256. 051, 1+ALB+3MeHis+Arg+Orn+Val+Phe; 0. 760, 252. 005, 1+ALB+ALT+Arg+Asp+Orn+Val; 0. 760, 253. 170, 1+ALB+ALT+gGT+BHBA+Arg+Orn; 0. 760, 255. 740, 1+ALB+NEFA+Lys+Val+Phe+Trp; 0. 760, 254. 229, 1+ALB+NEFA+Arg+Asp+Lys+Trp; 0. 760, 253. 067, 1+ALB+ALT+NEFA+His+Thr+Orn; 0. 760, 253. 838, 1+ALB+AST+3MeHis+Arg+Tyr+Phe; 0. 760, 252. 874, 1+ALB+AST+ALT+T-BIL+Glc+Arg; 0. 760, 253. 471, 1+ALB+BUN+AST+Glc+His+Orn; 0. 760, 254. 031, 1+ALB+AST+T-BIL+Glc+His+Orn; 0. 760, 254. 076, 1+ALB+AST+gGT+T-BIL+Arg+Lys; 0. 760, 254. 912, 1+ALB+AST+His+Thr+Lys+Ile; 0. 760, 252. 743, 1+ALB+BUN+Ca+ALT+NEFA+Orn; 0. 760, 252. 743, 1+ALB+BUN+Ca+ALT+gGT+Orn; 0. 760, 254. 537, 1+ALB+Ca+AST+T-BIL+His+Orn; 0. 760, 253. 399, 1+ALB+Ca+AST+His+Arg+Lys; 0. 760, 253. 053, 1+ALB+ALT+gGT+Glc+Arg+Orn; 0. 760, 253. 703, 1+ALB+ALT+BHBA+Glc+His+Orn; 0. 760, 253. 733, 1+ALB+ALT+Glc+His+Orn+Ile; 0. 760, 254. 438, 1+ALB+gGT+Glc+His+Orn+Lys; 0. 760, 252. 654, 1+ALB+BUN+AST+Asp+Orn+Val; 0. 760, 253. 153, 1+ALB+ALT+NEFA+BHBA+Thr+Lys; 0. 760, 253. 546, 1+ALB+AST+ALT+Tyr+Val+Trp; 0. 760, 254. 296, 1+ALB+AST+NEFA+T-BIL+His+Orn; 0. 760, 252. 734, 1+ALB+BUN+Ca+ALT+BHBA+Orn; 0. 760, 253. 150, 1+ALB+Ca+ALT+gGT+Arg+Orn; 0. 760, 251. 786, 1+ALB+AST+NEFA+3MeHis+Asp+Trp; 0. 760, 252. 179, 1+ALB+NEFA+3MeHis+Asp+Lys+Tyr; 0. 760, 252. 449, 1+ALB+3MeHis+Asp+Lys+Tyr+Val; 0. 760, 254. 577, 1+ALB+BUN+NEFA+3MeHis+Arg+Orn; 0. 760, 253. 023, 1+ALB+NEFA+Asp+Lys+Tyr+Trp; 0. 760, 253. 380, 1+ALB+ALT+BHBA+Glc+Arg+Thr; 0. 760, 253. 441, 1+ALB+Asp+Orn+Lys+Tyr+Trp; 0. 760, 253. 776, 1+ALB+AST+3MeHis+Arg+Orn+Val; 0. 760, 254. 031, 1+ALB+NEFA+Asp+Lys+Val+Trp; 0. 760, 252. 988, 1+ALB+AST+ALT+BHBA+His+Orn; 0. 760, 254. 595, 1+ALB+AST+Arg+Lys+Tyr+Phe; 0. 760, 255. 302, 1+ALB+AST+Glc+Thr+Orn+Ile; 0. 760, 252. 724, 1+ALB+BUN+Ca+ALT+T-BIL+Orn; 0. 760, 253. 049, 1+ALB+AST+NEFA+Asp+Val+Trp; 0. 760, 255. 881, 1+ALB+NEFA+Asp+Orn+Tyr+Phe; 0. 760, 253. 329, 1+ALB+ALT+NEFA+Arg+Tyr+Val; 0. 760, 253. 620, 1+ALB+ALT+gGT+NEFA+Glc+Arg; 0. 760, 255. 441, 1+ALB+NEFA+Lys+Tyr+Val+Trp; 0. 76

0, 255.193, 1+ALB+AST+NEFA+Glc+Orn+Ile; 0.760, 252.236, 1+ALB+Ca+ALT+Glc+His+Lys; 0.760, 253.678, 1+ALB+BUN+Ca+AST+Arg+Orn; 0.760, 252.139, 1+ALB+Ca+AST+ALT+Arg+Orn; 0.760, 254.399, 1+ALB+Ca+AST+NEFA+Arg+Orn; 0.760, 253.380, 1+ALB+ALT+T-BIL+Glc+Arg+Thr; 0.760, 253.738, 1+ALB+ALT+gGT+T-BIL+Glc+Arg; 0.760, 253.958, 1+ALB+ALT+NEFA+BHBA+His+Orn; 0.760, 254.734, 1+ALB+AST+Orn+Lys+Tyr+Phe; 0.760, 254.534, 1+ALB+AST+BHBA+Arg+Orn+Lys; 0.760, 254.549, 1+ALB+AST+gGT+Arg+Orn+Lys; 0.760, 255.435, 1+ALB+AST+T-BIL+Glc+Orn+Ile; 0.760, 252.103, 1+ALB+AST+NEFA+3MeHis+Arg+Asp; 0.760, 252.205, 1+ALB+AST+ALT+His+Thr+Orn; 0.760, 252.510, 1+ALB+AST+ALT+BHBA+Thr+Lys; 0.760, 254.171, 1+ALB+AST+T-BIL+BHBA+Orn+Lys; 0.760, 254.144, 1+ALB+AST+3MeHis+Lys+Tyr+Val; 0.760, 252.950, 1+ALB+Ca+ALT+T-BIL+Glc+Lys; 0.760, 252.944, 1+ALB+Ca+AST+ALT+His+Orn; 0.760, 256.718, 1+ALB+3MeHis+Orn+Tyr+Val+Phe; 0.760, 252.464, 1+ALB+3MeHis+Asp+Orn+Lys+Tyr; 0.760, 254.380, 1+ALB+NEFA+Asp+Lys+Tyr+Phe; 0.760, 252.479, 1+ALB+BUN+NEFA+3MeHis+Arg+Asp; 0.760, 252.535, 1+ALB+BUN+3MeHis+Arg+Asp+Tyr; 0.760, 252.808, 1+ALB+BUN+AST+Asp+Orn+Tyr; 0.760, 252.901, 1+ALB+ALT+His+Thr+Orn+Ile; 0.760, 254.813, 1+ALB+AST+T-BIL+BHBA+Arg+Orn; 0.760, 253.579, 1+ALB+BUN+Ca+AST+His+Orn; 0.760, 252.522, 1+ALB+Ca+ALT+His+Thr+Lys; 0.760, 252.141, 1+ALB+Ca+ALT+Arg+Thr+Lys; 0.760, 253.465, 1+ALB+BUN+NEFA+Asp+Val+Phe; 0.760, 253.747, 1+ALB+ALT+gGT+BHBA+Glc+Arg; 0.760, 252.950, 1+ALB+ALT+BHBA+Glc+Thr+Lys; 0.760, 254.890, 1+ALB+AST+BHBA+Thr+Orn+Lys; 0.760, 253.134, 1+ALB+AST+Arg+Asp+Lys+Tyr; 0.760, 254.273, 1+ALB+AST+NEFA+BHBA+His+Orn; 0.760, 252.001, 1+ALB+AST+ALT+gGT+His+Lys; 0.760, 255.288, 1+ALB+AST+BHBA+Thr+Lys+Ile; 0.760, 253.105, 1+ALB+Ca+ALT+BHBA+His+Arg; 0.760, 253.563, 1+ALB+Ca+ALT+Glc+His+Orn; 0.760, 253.288, 1+ALB+Ca+ALT+Glc+Arg+Thr; 0.760, 253.810, 1+ALB+BUN+Ca+AST+T-BIL+Arg; 0.759, 251.805, 1+ALB+AST+3MeHis+Asp+Val+Trp; 0.759, 254.676, 1+ALB+BUN+3MeHis+Arg+Orn+Val; 0.759, 253.656, 1+ALB+ALT+gGT+NEFA+BHBA+Arg; 0.759, 253.710, 1+ALB+ALT+gGT+Glc+His+Orn; 0.759, 253.896, 1+ALB+ALT+T-BIL+BHBA+Glc+Arg; 0.759, 2

56. 295, 1+ALB+3MeHis+Lys+Tyr+Val+Phe;0.759, 251.040, 1+ALB+ALT+Asp+Lys+Tyr+Val;0.759, 253.553, 1+ALB+ALT+gGT+NEFA+T-BIL+Arg;0.759, 254.165, 1+ALB+NEFA+Arg+Asp+Lys+Tyr;0.759, 255.238, 1+ALB+3MeHis+Arg+Orn+Lys+Phe;0.759, 254.007, 1+ALB+ALT+T-BIL+His+Orn+Ile;0.759, 253.872, 1+ALB+BUN+AST+gGT+T-BIL+Orn;0.759, 255.180, 1+ALB+NEFA+3MeHis+Lys+Phe+Trp;0.759, 250.918, 1+ALB+ALT+NEFA+Asp+Lys+Val;0.759, 253.116, 1+ALB+ALT+gGT+Glc+Thr+Lys;0.759, 254.393, 1+ALB+BHBA+Glc+His+Orn+Lys;0.759, 252.348, 1+ALB+AST+ALT+T-BIL+BHBA+Lys;0.759, 253.479, 1+ALB+AST+NEFA+3MeHis+Arg+Orn;0.759, 254.530, 1+ALB+AST+BHBA+His+Thr+Orn;0.759, 255.344, 1+ALB+NEFA+BHBA+His+Thr+Lys;0.759, 253.643, 1+ALB+AST+T-BIL+Glc+Orn+Lys;0.759, 254.612, 1+ALB+AST+Glc+Thr+Lys+Ile;0.759, 253.716, 1+ALB+ALT+NEFA+BHBA+Glc+Arg;0.759, 253.660, 1+ALB+ALT+NEFA+Glc+His+Orn;0.759, 251.737, 1+ALB+AST+ALT+NEFA+Asp+Orn;0.759, 253.452, 1+ALB+AST+Arg+Asp+Orn+Lys;0.759, 254.000, 1+ALB+BUN+AST+NEFA+Orn+Ile;0.759, 254.219, 1+ALB+AST+NEFA+Glc+Arg+Orn;0.759, 253.913, 1+ALB+AST+gGT+NEFA+Thr+Lys;0.759, 254.178, 1+ALB+AST+gGT+NEFA+His+Orn;0.759, 255.365, 1+ALB+AST+gGT+NEFA+Orn+Ile;0.759, 252.475, 1+ALB+Ca+ALT+BHBA+His+Lys;0.759, 252.926, 1+ALB+Ca+ALT+T-BIL+Orn+Lys;0.759, 255.807, 1+ALB+gGT+T-BIL+Orn+Lys+Ile;0.759, 253.624, 1+ALB+ALT+NEFA+T-BIL+BHBA+Arg;0.759, 253.699, 1+ALB+AST+NEFA+3MeHis+Arg+Phe;0.759, 253.775, 1+ALB+BUN+AST+T-BIL+Glc+Arg;0.759, 253.922, 1+ALB+AST+NEFA+3MeHis+Orn+Phe;0.759, 252.436, 1+ALB+AST+ALT+gGT+BHBA+Lys;0.759, 253.653, 1+ALB+Ca+AST+T-BIL+His+Lys;0.759, 252.173, 1+ALB+Ca+ALT+Glc+Lys+Ile;0.759, 253.660, 1+ALB+Ca+ALT+gGT+NEFA+Arg;0.759, 254.669, 1+ALB+BUN+3MeHis+Arg+Orn+Tyr;0.759, 250.686, 1+ALB+AST+ALT+3MeHis+Asp+Orn;0.759, 253.364, 1+ALB+ALT+T-BIL+BHBA+Thr+Lys;0.759, 254.271, 1+ALB+AST+Glc+Arg+Orn+Lys;0.759, 254.194, 1+ALB+AST+gGT+T-BIL+Orn+Lys;0.759, 255.009, 1+ALB+AST+gGT+T-BIL+Arg+Orn;0.759, 253.051, 1+ALB+Ca+ALT+NEFA+T-BIL+Lys;0.759, 255.470, 1+ALB+Ca+AST+NEFA+Orn+Ile;0.759, 253.720, 1+ALB+AST+N

EFA+T-BIL+Glc+Lys;0.759,255.100,1+ALB+gGT+T-BIL+Glc+His+Lys;0.759,252.149,1+ALB+AST+3MeHis+Arg+Asp+Phe;0.759,251.892,1+ALB+AST+ALT+T-BIL+Glc+Lys;0.759,253.959,1+ALB+ALT+NEFA+T-BIL+His+Orn;0.759,253.969,1+ALB+ALT+NEFA+His+Orn+Ile;0.759,253.370,1+ALB+ALT+gGT+T-BIL+BHBA+Lys;0.759,256.253,1+ALB+NEFA+Orn+Val+Phe+Trp;0.759,252.946,1+ALB+ALT+gGT+BHBA+Glc+Lys;0.759,254.018,1+ALB+ALT+BHBA+His+Orn+Ile;0.759,252.089,1+ALB+AST+3MeHis+Asp+Orn+Phe;0.759,253.998,1+ALB+ALT+T-BIL+BHBA+His+Orn;0.759,253.728,1+ALB+AST+NEFA+Glc+Thr+Lys;0.759,252.773,1+ALB+Ca+ALT+NEFA+Glc+Lys;0.759,252.928,1+ALB+Ca+ALT+BHBA+Orn+Lys;0.759,253.096,1+ALB+ALT+gGT+His+Thr+Orn;0.759,250.334,1+ALB+AST+ALT+Asp+Lys+Val;0.759,253.542,1+ALB+AST+ALT+3MeHis+Tyr+Trp;0.759,253.613,1+ALB+AST+ALT+T-BIL+Orn+Ile;0.759,255.375,1+ALB+gGT+NEFA+BHBA+His+Lys;0.759,255.254,1+ALB+AST+gGT+BHBA+His+Orn;0.759,255.287,1+ALB+AST+gGT+His+Orn+Ile;0.759,252.571,1+ALB+Ca+ALT+gGT+Lys+Ile;0.759,252.637,1+ALB+Ca+ALT+gGT+His+Lys;0.759,255.644,1+ALB+Orn+Lys+Val+Phe+Trp;0.759,253.572,1+ALB+AST+T-BIL+Glc+Arg+Lys;0.759,254.427,1+ALB+AST+Glc+His+Lys+Ile;0.759,255.286,1+ALB+AST+gGT+Thr+Lys+Ile;0.759,255.837,1+ALB+Ca+AST+Thr+Orn+Ile;0.759,254.596,1+ALB+AST+gGT+Glc+Orn+Lys;0.759,252.272,1+ALB+AST+ALT+gGT+T-BIL+Lys;0.759,254.147,1+ALB+BUN+AST+Glc+Arg+Thr;0.759,253.653,1+ALB+BUN+AST+T-BIL+Thr+Orn;0.759,252.929,1+ALB+Ca+ALT+gGT+Orn+Lys;0.759,253.743,1+ALB+Ca+ALT+gGT+T-BIL+Arg;0.759,251.937,1+ALB+Ca+AST+ALT+Orn+Lys;0.759,252.914,1+ALB+Ca+ALT+Thr+Orn+Lys;0.759,256.474,1+ALB+NEFA+3MeHis+Orn+Val+Phe;0.759,252.160,1+ALB+ALT+NEFA+Asp+Tyr+Trp;0.759,253.698,1+ALB+ALT+Glc+Thr+Orn+Ile;0.759,253.366,1+ALB+ALT+gGT+T-BIL+Thr+Lys;0.759,253.517,1+ALB+AST+ALT+NEFA+Orn+Ile;0.759,253.713,1+ALB+AST+NEFA+BHBA+Glc+Lys;0.759,252.958,1+ALB+AST+NEFA+Asp+Tyr+Trp;0.759,255.288,1+ALB+NEFA+Orn+Lys+Val+Trp;0.759,254.181,1+ALB+ALT+BHBA+Thr+Orn+Ile;0.759,255.054,1+ALB+gGT+BHBA+His+Orn+Lys;0.759,253.306,1+ALB+AST+ALT

+NEFA+3MeHis+Orn;0.759, 255.014, 1+ALB+AST+NEFA+BHBA+Arg+Thr;0.759, 255.832, 1+ALB+AST+gGT+T-BIL+Orn+Ile;0.759, 254.054, 1+ALB+Ca+AST+NEFA+T-BIL+Lys;0.759, 251.987, 1+ALB+Ca+AST+ALT+NEFA+Lys;0.759, 253.328, 1+ALB+AST+ALT+3MeHis+Orn+Val;0.759, 255.759, 1+ALB+AST+Orn+Tyr+Val+Phe;0.759, 252.042, 1+ALB+AST+ALT+BHBA+Glc+Lys;0.759, 254.662, 1+ALB+AST+NEFA+Arg+Tyr+Val;0.759, 255.341, 1+ALB+NEFA+T-BIL+His+Thr+Lys;0.759, 252.329, 1+ALB+AST+ALT+T-BIL+Thr+Lys;0.759, 254.975, 1+ALB+AST+BHBA+His+Lys+Ile;0.759, 254.338, 1+ALB+ALT+NEFA+Thr+Orn+Ile;0.759, 254.922, 1+ALB+AST+gGT+BHBA+Orn+Lys;0.759, 253.752, 1+ALB+AST+Arg+Asp+Lys+Val;0.759, 253.975, 1+ALB+AST+gGT+NEFA+T-BIL+Lys;0.758, 253.118, 1+ALB+Ca+ALT+NEFA+BHBA+Lys;0.758, 253.746, 1+ALB+Ca+ALT+BHBA+Glc+Arg;0.758, 254.056, 1+ALB+Ca+AST+NEFA+BHBA+Lys;0.758, 253.719, 1+ALB+Ca+ALT+gGT+BHBA+Arg;0.758, 252.812, 1+ALB+Ca+ALT+NEFA+Orn+Lys;0.758, 253.700, 1+ALB+BUN+AST+T-BIL+Glc+Orn;0.758, 253.963, 1+ALB+ALT+gGT+NEFA+His+Orn;0.758, 256.441, 1+ALB+AST+gGT+BHBA+Orn+Ile;0.758, 253.833, 1+ALB+AST+NEFA+Arg+Asp+Phe;0.758, 253.906, 1+ALB+BUN+AST+T-BIL+BHBA+Orn;0.758, 254.997, 1+ALB+AST+T-BIL+Arg+Thr+Orn;0.758, 253.528, 1+ALB+Ca+ALT+NEFA+T-BIL+Arg;0.758, 252.551, 1+ALB+Ca+ALT+BHBA+Lys+Ile;0.758, 255.010, 1+ALB+NEFA+3MeHis+Arg+Lys+Phe;0.758, 253.112, 1+ALB+ALT+BHBA+His+Thr+Orn;0.758, 253.114, 1+ALB+ALT+T-BIL+His+Thr+Orn;0.758, 254.599, 1+ALB+AST+Glc+Thr+Orn+Lys;0.758, 253.500, 1+ALB+AST+ALT+T-BIL+Thr+Orn;0.758, 253.526, 1+ALB+AST+ALT+BHBA+Thr+Orn;0.758, 253.919, 1+ALB+BUN+AST+NEFA+T-BIL+Orn;0.758, 255.339, 1+ALB+gGT+NEFA+His+Thr+Lys;0.758, 252.288, 1+ALB+AST+ALT+Glc+Thr+Lys;0.758, 253.985, 1+ALB+AST+gGT+NEFA+BHBA+Lys;0.758, 253.119, 1+ALB+Ca+ALT+gGT+NEFA+Lys;0.758, 253.741, 1+ALB+Ca+ALT+T-BIL+Glc+Arg;0.758, 254.514, 1+ALB+Ca+AST+Arg+Orn+Lys;0.758, 255.953, 1+ALB+BUN+NEFA+Thr+Orn+Ile;0.758, 254.017, 1+ALB+Ca+AST+NEFA+Thr+Lys;0.758, 252.016, 1+ALB+Ca+AST+ALT+His+Lys;0.758, 254.690, 1+ALB+ALT+NEFA+BHBA+Thr+Orn;0.758, 253.394, 1+ALB+ALT+gGT+BHBA+Thr+Lys;0.758, 253.558, 1+ALB+

AST+gGT+NEFA+Glc+Lys;0.758, 253.700, 1+ALB+AST+Arg+Asp+Lys+Phe;0.758, 253.110, 1+ALB+Ca+ALT+NEFA+Thr+Lys;0.758, 256.431, 1+ALB+Ca+AST+BHBA+Orn+Ile;0.758, 254.025, 1+ALB+Ca+AST+T-BIL+Arg+Lys;0.758, 251.771, 1+ALB+Ca+AST+ALT+Lys+Ile;0.758, 254.503, 1+ALB+3MeHis+Asp+Orn+Val+Phe;0.758, 255.606, 1+ALB+NEFA+3MeHis+Orn+Lys+Phe;0.758, 254.900, 1+ALB+AST+gGT+Thr+Orn+Lys;0.758, 253.611, 1+ALB+AST+ALT+NEFA+T-BIL+Orn;0.758, 253.669, 1+ALB+AST+ALT+BHBA+Orn+Ile;0.758, 252.568, 1+ALB+AST+ALT+gGT+Thr+Lys;0.758, 253.606, 1+ALB+Ca+ALT+gGT+Glc+Arg;0.758, 252.925, 1+ALB+Ca+ALT+BHBA+Glc+Lys;0.758, 255.246, 1+ALB+Ca+AST+gGT+His+Orn;0.758, 252.256, 1+ALB+AST+ALT+gGT+Glc+Lys;0.758, 253.703, 1+ALB+AST+ALT+T-BIL+BHBA+Orn;0.758, 254.577, 1+ALB+AST+NEFA+3MeHis+Phe+Trp;0.758, 254.999, 1+ALB+AST+Glc+His+Orn+Ile;0.758, 253.908, 1+ALB+BUN+AST+gGT+NEFA+Orn;0.758, 254.172, 1+ALB+Ca+AST+T-BIL+Orn+Lys;0.758, 255.228, 1+ALB+Ca+AST+Thr+Lys+Ile;0.758, 253.836, 1+ALB+Ca+ALT+T-BIL+BHBA+Arg;0.758, 253.995, 1+ALB+ALT+gGT+T-BIL+His+Orn;0.758, 254.005, 1+ALB+ALT+gGT+BHBA+His+Orn;0.758, 254.044, 1+ALB+BUN+AST+NEFA+BHBA+Orn;0.758, 254.270, 1+ALB+NEFA+Asp+Orn+Lys+Trp;0.758, 254.293, 1+ALB+ALT+T-BIL+Thr+Orn+Ile;0.758, 253.387, 1+ALB+AST+ALT+NEFA+Thr+Orn;0.758, 252.619, 1+ALB+AST+ALT+Lys+Tyr+Val;0.758, 253.665, 1+ALB+BUN+AST+NEFA+Thr+Orn;0.758, 254.276, 1+ALB+Ca+AST+NEFA+His+Orn;0.758, 253.333, 1+ALB+Ca+ALT+T-BIL+Thr+Lys;0.758, 253.655, 1+ALB+Ca+ALT+NEFA+BHBA+Arg;0.758, 255.268, 1+ALB+Ca+AST+His+Orn+Ile;0.758, 254.341, 1+ALB+AST+Asp+Orn+Tyr+Phe;0.758, 255.050, 1+ALB+AST+NEFA+T-BIL+Arg+Thr;0.758, 253.099, 1+ALB+Ca+ALT+Glc+Thr+Lys;0.758, 253.329, 1+ALB+Ca+ALT+T-BIL+BHBA+Lys;0.758, 254.991, 1+ALB+Ca+AST+T-BIL+Arg+Orn;0.758, 255.858, 1+ALB+Ca+AST+T-BIL+Orn+Ile;0.758, 253.596, 1+ALB+Ca+AST+ALT+NEFA+Orn;0.758, 254.313, 1+ALB+ALT+NEFA+Glc+Thr+Orn;0.758, 253.607, 1+ALB+AST+ALT+NEFA+BHBA+Orn;0.758, 254.003, 1+ALB+ALT+gGT+His+Orn+Ile;0.758, 254.911, 1+ALB+AST+BHBA+Arg+Thr+Lys;0.758, 253.452, 1+ALB+AST+ALT+Glc+Orn+Ile;0.758, 253.540, 1+ALB+AST+ALT+gGT

+NEFA+Orn;0.758, 253.894, 1+ALB+BUN+AST+3MeHis+Orn+Val;0.758, 254.618, 1+ALB+BUN+AST+gGT+BHBA+Orn;0.758, 255.248, 1+ALB+Ca+AST+BHBA+His+Orn;0.758, 253.591, 1+ALB+ALT+NEFA+T-BIL+Glc+Arg;0.758, 253.619, 1+ALB+AST+ALT+gGT+Orn+Ile;0.758, 252.428, 1+ALB+AST+3MeHis+Arg+Asp+Val;0.758, 253.854, 1+ALB+AST+Glc+His+Thr+Orn;0.758, 255.882, 1+ALB+AST+gGT+T-BIL+BHBA+Orn;0.758, 255.821, 1+ALB+AST+T-BIL+BHBA+Thr+Orn;0.758, 252.549, 1+ALB+AST+NEFA+3MeHis+Asp+Orn;0.758, 253.386, 1+ALB+AST+ALT+NEFA+Glc+Orn;0.758, 253.211, 1+ALB+AST+Asp+Orn+Lys+Tyr;0.758, 253.569, 1+ALB+AST+Asp+Orn+Lys+Phe;0.758, 253.730, 1+ALB+AST+ALT+NEFA+Tyr+Trp;0.758, 253.631, 1+ALB+BUN+AST+NEFA+3MeHis+Orn;0.758, 254.576, 1+ALB+BUN+AST+Glc+Orn+Ile;0.758, 254.874, 1+ALB+AST+NEFA+Glc+Arg+Thr;0.757, 253.713, 1+ALB+BUN+AST+3MeHis+Orn+Tyr;0.757, 254.552, 1+ALB+ALT+NEFA+3MeHis+Orn+Val;0.757, 254.023, 1+ALB+AST+NEFA+Asp+Orn+Tyr;0.757, 254.319, 1+ALB+ALT+gGT+Thr+Orn+Ile;0.757, 253.196, 1+ALB+AST+ALT+3MeHis+Orn+Tyr;0.757, 253.486, 1+ALB+AST+ALT+gGT+Thr+Orn;0.757, 254.049, 1+ALB+AST+NEFA+Asp+Orn+Val;0.757, 253.170, 1+ALB+AST+ALT+Glc+Thr+Orn;0.757, 254.817, 1+ALB+AST+T-BIL+BHBA+Thr+Lys;0.757, 255.409, 1+ALB+AST+gGT+NEFA+Thr+Orn;0.757, 255.054, 1+ALB+AST+gGT+His+Lys+Ile;0.757, 253.608, 1+ALB+Ca+ALT+NEFA+Glc+Arg;0.757, 254.587, 1+ALB+Ca+AST+Glc+Orn+Lys;0.757, 255.091, 1+ALB+AST+NEFA+3MeHis+Orn+Val;0.757, 255.377, 1+ALB+AST+Arg+Orn+Val+Phe;0.757, 255.937, 1+ALB+AST+gGT+T-BIL+Thr+Orn;0.757, 255.509, 1+ALB+AST+BHBA+Arg+Thr+Orn;0.757, 255.511, 1+ALB+AST+gGT+Arg+Thr+Orn;0.757, 256.205, 1+ALB+AST+gGT+Glc+Orn+Ile;0.757, 253.940, 1+ALB+Ca+ALT+BHBA+His+Orn;0.757, 253.334, 1+ALB+Ca+ALT+gGT+T-BIL+Lys;0.757, 253.915, 1+ALB+BUN+Ca+AST+T-BIL+Orn;0.757, 253.432, 1+ALB+AST+Asp+Val+Phe+Trp;0.757, 255.760, 1+ALB+NEFA+Orn+Lys+Phe+Trp;0.757, 254.987, 1+ALB+AST+gGT+Glc+His+Orn;0.757, 253.957, 1+ALB+BUN+AST+NEFA+Orn+Tyr;0.757, 254.013, 1+ALB+BUN+AST+NEFA+Orn+Val;0.757, 255.593, 1+ALB+AST+NEFA+T-BIL+BHBA+Orn;0.757, 255.492, 1+ALB+AST+NEFA+T-BIL+Thr+Orn;0.757, 253.852, 1+ALB+C

a+AST+gGT+NEFA+Lys;0.757,252.276,1+ALB+Ca+AST+ALT+Glc+Lys;0.757,253.448,1+ALB+AST+ALT+T-BIL+Glc+Orn;0.757,254.281,1+ALB+BUN+AST+BHBA+Thr+Orn;0.757,254.576,1+ALB+BUN+AST+gGT+Glc+Orn;0.757,255.367,1+ALB+AST+NEFA+BHBA+Glc+Orn;0.757,255.541,1+ALB+AST+gGT+NEFA+T-BIL+Orn;0.757,255.490,1+ALB+AST+gGT+NEFA+BHBA+Orn;0.757,254.868,1+ALB+AST+gGT+T-BIL+BHBA+Lys;0.757,253.096,1+ALB+Ca+ALT+gGT+Glc+Lys;0.757,252.452,1+ALB+Ca+AST+ALT+BHBA+Lys;0.757,251.820,1+ALB+AST+ALT+Asp+Orn+Val;0.757,251.914,1+ALB+AST+ALT+Asp+Orn+Tyr;0.757,253.672,1+ALB+AST+ALT+gGT+T-BIL+Orn;0.757,253.936,1+ALB+Ca+ALT+T-BIL+His+Orn;0.757,256.405,1+ALB+Ca+AST+gGT+Orn+Ile;0.757,256.142,1+ALB+Ca+AST+Glc+Orn+Ile;0.757,252.855,1+ALB+BUN+3MeHis+Asp+Orn+Tyr;0.757,254.338,1+ALB+ALT+T-BIL+Glc+Thr+Orn;0.757,256.194,1+ALB+AST+BHBA+Glc+Orn+Ile;0.757,255.606,1+ALB+AST+gGT+T-BIL+Glc+Orn;0.757,255.652,1+ALB+AST+NEFA+Orn+Tyr+Val;0.757,255.433,1+ALB+AST+NEFA+BHBA+Thr+Orn;0.757,253.541,1+ALB+AST+Asp+Orn+Lys+Val;0.757,253.084,1+ALB+Ca+ALT+His+Thr+Orn;0.757,253.624,1+ALB+Ca+AST+ALT+Orn+Ile;0.757,254.334,1+ALB+ALT+BHBA+Glc+Thr+Orn;0.757,254.472,1+ALB+AST+BHBA+Glc+Orn+Lys;0.757,253.590,1+ALB+AST+ALT+NEFA+Orn+Val;0.757,254.697,1+ALB+AST+T-BIL+Glc+Arg+Orn;0.757,255.069,1+ALB+AST+NEFA+3MeHis+Orn+Tyr;0.757,255.204,1+ALB+AST+BHBA+His+Thr+Lys;0.757,252.848,1+ALB+BUN+3MeHis+Asp+Orn+Val;0.757,255.279,1+ALB+AST+gGT+NEFA+Glc+Orn;0.757,254.825,1+ALB+AST+gGT+Glc+Lys+Ile;0.757,254.892,1+ALB+Ca+AST+Thr+Orn+Lys;0.757,253.901,1+ALB+Ca+ALT+NEFA+His+Orn;0.757,253.678,1+ALB+Ca+AST+NEFA+Glc+Lys;0.757,256.003,1+ALB+Ca+AST+gGT+T-BIL+Orn;0.757,254.595,1+ALB+ALT+NEFA+T-BIL+Thr+Orn;0.757,253.732,1+ALB+AST+ALT+gGT+BHBA+Orn;0.757,254.310,1+ALB+BUN+AST+gGT+Thr+Orn;0.757,255.138,1+ALB+AST+gGT+NEFA+Arg+Thr;0.757,255.177,1+ALB+AST+gGT+BHBA+His+Lys;0.757,253.535,1+ALB+AST+ALT+NEFA+Orn+Tyr;0.757,254.889,1+ALB+AST+BHBA+Glc+His+Orn;0.756,254.004,1+ALB+BUN+Ca+AST

+NEFA+Orn;0.756,253.350,1+ALB+Ca+ALT+gGT+BHBA+Lys;0.756,253.503,1+ALB+Ca+AST+ALT+Thr+Orn;0.756,254.894,1+ALB+Ca+AST+Glc+His+Orn;0.756,252.298,1+ALB+Ca+AST+ALT+T-BIL+Lys;0.756,253.533,1+ALB+AST+ALT+BHBA+Glc+Orn;0.756,253.899,1+ALB+BUN+AST+NEFA+Glc+Orn;0.756,255.586,1+ALB+AST+T-BIL+BHBA+Glc+Orn;0.756,255.289,1+ALB+AST+Glc+Arg+Thr+Orn;0.756,255.365,1+ALB+AST+NEFA+T-BIL+Glc+Orn;0.756,256.459,1+ALB+AST+gGT+BHBA+Thr+Orn;0.756,255.588,1+ALB+Ca+AST+T-BIL+Glc+Orn;0.756,254.293,1+ALB+ALT+gGT+Glc+Thr+Orn;0.756,255.378,1+ALB+AST+BHBA+Glc+Arg+Orn;0.756,254.068,1+ALB+BUN+AST+Glc+Thr+Orn;0.756,254.727,1+ALB+AST+Glc+Arg+Thr+Lys;0.756,254.477,1+ALB+BUN+AST+BHBA+Glc+Orn;0.756,254.372,1+ALB+AST+BHBA+Glc+His+Lys;0.756,253.932,1+ALB+Ca+ALT+gGT+His+Orn;0.756,254.310,1+ALB+Ca+ALT+Thr+Orn+Ile;0.756,253.693,1+ALB+Ca+AST+ALT+T-BIL+Orn;0.756,252.824,1+ALB+ALT+NEFA+Asp+Orn+Val;0.756,255.410,1+ALB+AST+gGT+Glc+Arg+Orn;0.756,254.003,1+ALB+AST+NEFA+Arg+Asp+Val;0.756,253.415,1+ALB+Ca+ALT+gGT+Thr+Lys;0.756,254.433,1+ALB+BUN+ALT+NEFA+3MeHis+Val;0.756,254.717,1+ALB+ALT+gGT+NEFA+Thr+Orn;0.756,255.080,1+ALB+AST+NEFA+Glc+Thr+Orn;0.756,255.411,1+ALB+AST+T-BIL+Glc+Thr+Orn;0.756,255.292,1+ALB+AST+gGT+BHBA+Lys+Ile;0.756,253.351,1+ALB+Ca+ALT+BHBA+Thr+Lys;0.756,255.480,1+ALB+Ca+AST+Arg+Thr+Orn;0.756,255.530,1+ALB+Ca+AST+BHBA+Arg+Orn;0.756,254.720,1+ALB+ALT+T-BIL+BHBA+Thr+Orn;0.756,253.962,1+ALB+BUN+AST+ALT+NEFA+Val;0.756,254.562,1+ALB+AST+BHBA+Glc+Arg+Lys;0.756,256.098,1+ALB+AST+Lys+Tyr+Val+Phe;0.756,255.574,1+ALB+Ca+AST+NEFA+BHBA+Orn;0.756,255.016,1+ALB+Ca+AST+His+Lys+Ile;0.756,255.526,1+ALB+Ca+AST+gGT+NEFA+Orn;0.756,255.635,1+ALB+Ca+AST+NEFA+T-BIL+Orn;0.756,253.534,1+ALB+AST+ALT+gGT+Glc+Orn;0.756,252.587,1+ALB+Ca+AST+ALT+Thr+Lys;0.756,253.953,1+ALB+BUN+AST+ALT+3MeHis+Val;0.756,253.891,1+ALB+AST+Asp+Lys+Tyr+Phe;0.756,255.888,1+ALB+Ca+AST+T-BIL+BHBA+Orn;0.756,255.938,1+ALB+Ca+AST+T-BIL+Thr+Orn;0.756,252.974,1+ALB+ALT+NEFA+Asp+Orn+Tyr;0.756,255

. 369, 1+ALB+NEFA+Asp+Lys+Val+Phe;0.756, 254.297, 1+ALB+BUN+Ca+AST+Thr+Orn;0.756, 255.252, 1+ALB+NEFA+Arg+Asp+Lys+Phe;0.756, 253.641, 1+ALB+AST+ALT+Orn+Tyr+Val;0.755, 254.751, 1+ALB+Ca+AST+Glc+His+Lys;0.755, 254.918, 1+ALB+ALT+gGT+NEFA+T-BIL+Orn;0.755, 253.742, 1+ALB+Ca+AST+ALT+BHBA+Orn;0.755, 255.352, 1+ALB+Ca+AST+Glc+Arg+Orn;0.755, 254.694, 1+ALB+ALT+gGT+BHBA+Thr+Orn;0.755, 254.884, 1+ALB+Ca+AST+BHBA+Orn+Lys;0.755, 252.532, 1+ALB+Ca+AST+ALT+gGT+Lys;0.755, 254.914, 1+ALB+Ca+AST+gGT+Orn+Lys;0.755, 254.710, 1+ALB+Ca+ALT+NEFA+Thr+Orn;0.755, 255.471, 1+ALB+Ca+AST+NEFA+Thr+Orn;0.755, 255.336, 1+ALB+Ca+AST+NEFA+Glc+Orn;0.755, 255.073, 1+ALB+Ca+AST+BHBA+His+Lys;0.755, 253.481, 1+ALB+Ca+AST+ALT+Glc+Orn;0.755, 255.506, 1+ALB+BUN+ALT+T-BIL+His+Ile;0.755, 256.440, 1+ALB+Ca+AST+BHBA+Thr+Orn;0.755, 252.827, 1+ALB+ALT+Asp+Orn+Tyr+Val;0.755, 254.701, 1+ALB+ALT+gGT+T-BIL+Thr+Orn;0.755, 254.691, 1+ALB+AST+BHBA+Glc+Lys+Ile;0.755, 253.695, 1+ALB+Ca+AST+ALT+gGT+Orn;0.755, 256.314, 1+ALB+AST+gGT+BHBA+Glc+Orn;0.755, 256.581, 1+ALB+Ca+AST+gGT+BHBA+Orn;0.755, 253.749, 1+ALB+AST+Asp+Lys+Tyr+Val;0.754, 255.368, 1+ALB+AST+3MeHis+Orn+Tyr+Val;0.754, 254.692, 1+ALB+Ca+ALT+gGT+Thr+Orn;0.754, 254.101, 1+ALB+AST+Asp+Lys+Val+Phe;0.754, 255.562, 1+ALB+BUN+ALT+gGT+T-BIL+Ile;0.754, 256.323, 1+ALB+Ca+AST+gGT+Glc+Orn;0.754, 256.280, 1+ALB+Ca+AST+BHBA+Glc+Orn;0.754, 255.732, 1+ALB+BUN+ALT+gGT+NEFA+Ile;0.753, 256.071, 1+ALB+Ca+AST+Glc+Thr+Orn

請求の範囲

- [請求項1] 乳用牛の分娩前の血液中のAla、Arg、Asn、Asp、BCAA、Cit、Cys、Glu、Gln、Gly、His、Ile、Leu、Lys、Met、3MeHis、Orn、Phe、Pro、Ser、Tau、Thr、Trp、Tyr、およびValの濃度値ならびにALB、ALT、AST、BHBA、BUN、Ca、gGTP、Glc、NEFA、T-Bil、TCHO、TG、およびTPの検査値のうちの少なくとも1つの値を用いて、前記乳用牛の分娩後のケトosisの状態を評価する評価ステップを含むこと、
を特徴とする評価方法。
- [請求項2] 前記評価ステップでは、前記少なくとも1つの値が代入される変数を含む式をさらに用いて前記式の値を算出することで、前記乳用牛の分娩後のケトosisの状態を評価すること、
を特徴とする請求項1に記載の評価方法。
- [請求項3] 前記式は、分娩経験が前記分娩以外にある経産牛であることを意味する数値および分娩経験が前記分娩以外にない未経産牛であることを意味する数値のいずれかが代入される変数をさらに含むものであること、
を特徴とする請求項2に記載の評価方法。
- [請求項4] 制御部を備えた評価装置であって、
前記制御部は、
乳用牛の分娩前の血液中のAla、Arg、Asn、Asp、BCAA、Cit、Cys、Glu、Gln、Gly、His、Ile、Leu、Lys、Met、3MeHis、Orn、Phe、Pro、Ser、Tau、Thr、Trp、Tyr、およびValの濃度値ならびにALB、ALT、AST、BHBA、BUN、Ca、gGTP、Glc、NEFA、T-Bil、TCHO、TG、およびTPの検査値のうちの少なくとも1つの値を用いて、前記乳用牛の分娩後のケ

トーシスの状態を評価する評価手段

を備えたこと、

を特徴とする評価装置。

[請求項5] 制御部を備えた情報処理装置において実行される評価方法であって

、

前記制御部において実行される、

乳用牛の分娩前の血液中のAla、Arg、Asn、Asp、BCAA、Cit、Cys、Glu、Gln、Gly、His、Ile、Leu、Lys、Met、3MeHis、Orn、Phe、Pro、Ser、Tau、Thr、Trp、Tyr、およびValの濃度値ならびにALB、ALT、AST、BHBA、BUN、Ca、gGTP、Glc、NEFA、T-Bil、TCHO、TG、およびTPの検査値のうちの少なくとも1つの値を用いて、前記乳用牛の分娩後のケトーシスの状態を評価する評価ステップ

を含むこと、

を特徴とする評価方法。

[請求項6] 制御部を備えた情報処理装置において実行させるための評価プログラムであって、

前記制御部において実行させるための、

乳用牛の分娩前の血液中のAla、Arg、Asn、Asp、BCAA、Cit、Cys、Glu、Gln、Gly、His、Ile、Leu、Lys、Met、3MeHis、Orn、Phe、Pro、Ser、Tau、Thr、Trp、Tyr、およびValの濃度値ならびにALB、ALT、AST、BHBA、BUN、Ca、gGTP、Glc、NEFA、T-Bil、TCHO、TG、およびTPの検査値のうちの少なくとも1つの値を用いて、前記乳用牛の分娩後のケトーシスの状態を評価する評価ステップ

を含むこと、

を特徴とする評価プログラム。

[請求項7]

制御部を備えた評価装置と、制御部を備えた端末装置とを、ネットワークを介して通信可能に接続して構成された評価システムであって、

前記端末装置の前記制御部は、

乳用牛の分娩前の血液中のAla、Arg、Asn、Asp、BCAA、Cit、Cys、Glu、Gln、Gly、His、Ile、Leu、Lys、Met、3MeHis、Orn、Phe、Pro、Ser、Tau、Thr、Trp、Tyr、およびValの濃度値ならびにALB、ALT、AST、BHBA、BUN、Ca、gGTP、Glc、NEFA、T-Bil、TCHO、TG、およびTPの検査値のうちの少なくとも1つの値に関する血液データを前記評価装置へ送信する血液データ送信手段と、

前記評価装置から送信された、分娩後のケトーシスの状態に関する評価結果を受信する結果受信手段と、

を備え、

前記評価装置の前記制御部は、

前記端末装置から送信された前記血液データを受信する血液データ受信手段と、

前記血液データ受信手段で受信した前記血液データに含まれている前記少なくとも1つの値を用いて、前記乳用牛の分娩後のケトーシスの状態を評価する評価手段と、

前記評価手段で得られた評価結果を前記端末装置へ送信する結果送信手段と、

を備えたこと、

を特徴とする評価システム。

[請求項8]

制御部を備えた端末装置であって、

前記制御部は、

分娩後のケトーシスの状態に関する評価結果を取得する結果取得手段

を備え、

前記評価結果は、乳用牛の分娩前の血液中のA l a、A r g、A s n、A s p、B C A A、C i t、C y s、G l u、G l n、G l y、H i s、I l e、L e u、L y s、M e t、3 M e H i s、O r n、P h e、P r o、S e r、T a u、T h r、T r p、T y r、およびV a lの濃度値ならびにA L B、A L T、A S T、B H B A、B U N、C a、g G T P、G l c、N E F A、T - B i l、T C H O、T G、およびT Pの検査値のうちの少なくとも1つの値を用いて、前記乳用牛の分娩後のケトーシスの状態を評価した結果であること、

を特徴とする端末装置。

[請求項9] 端末装置とネットワークを介して通信可能に接続された、制御部を備えた評価装置であって、

前記制御部は、

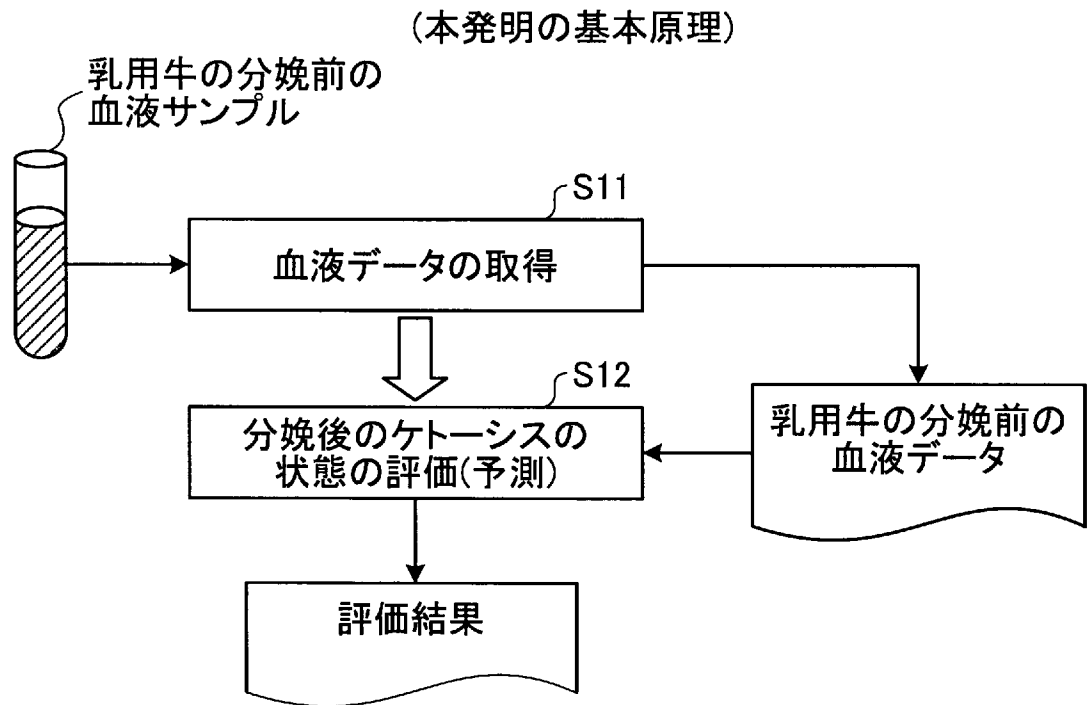
前記信端末装置から送信された、乳用牛の分娩前の血液中のA l a、A r g、A s n、A s p、B C A A、C i t、C y s、G l u、G l n、G l y、H i s、I l e、L e u、L y s、M e t、3 M e H i s、O r n、P h e、P r o、S e r、T a u、T h r、T r p、T y r、およびV a lの濃度値ならびにA L B、A L T、A S T、B H B A、B U N、C a、g G T P、G l c、N E F A、T - B i l、T C H O、T G、およびT Pの検査値のうちの少なくとも1つの値に関する血液データを受信する血液データ受信手段と、

前記血液データ受信手段で受信した前記血液データに含まれている前記少なくとも1つの値を用いて、前記乳用牛の分娩後のケトーシスの状態を評価する評価手段と、

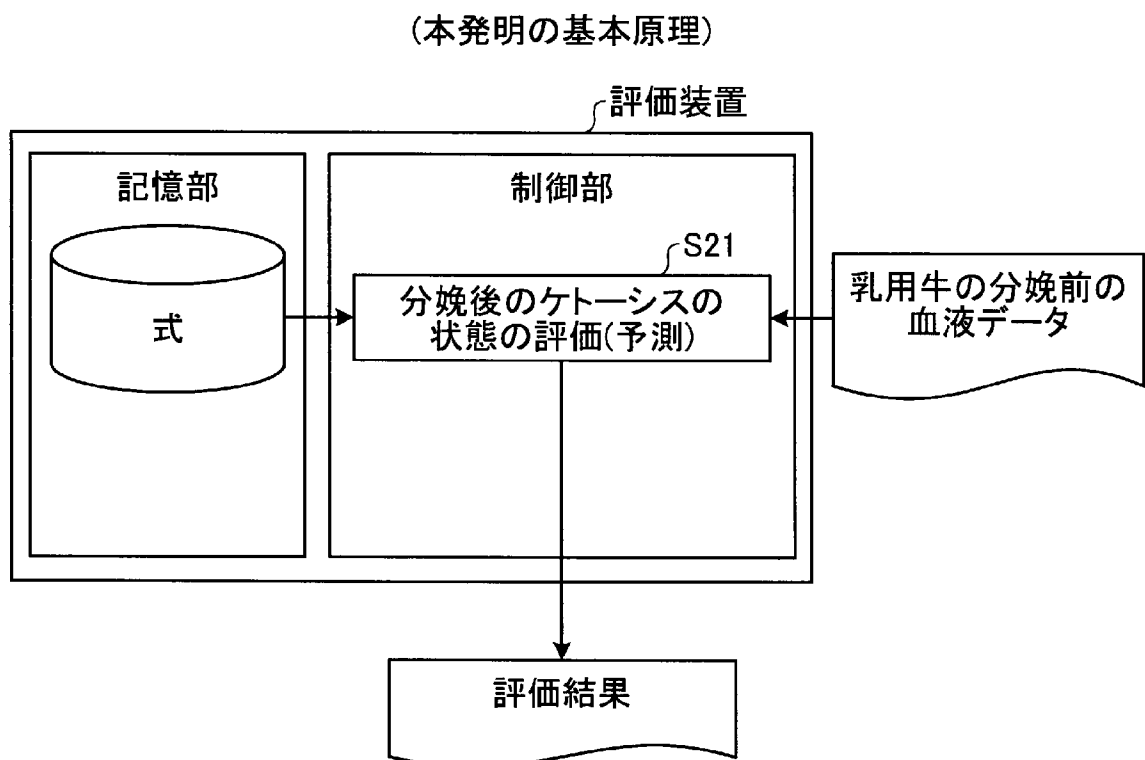
前記評価手段で得られた結果を前記端末装置へ送信する結果送信手段と、

を備えたこと、
を特徴とする評価装置。

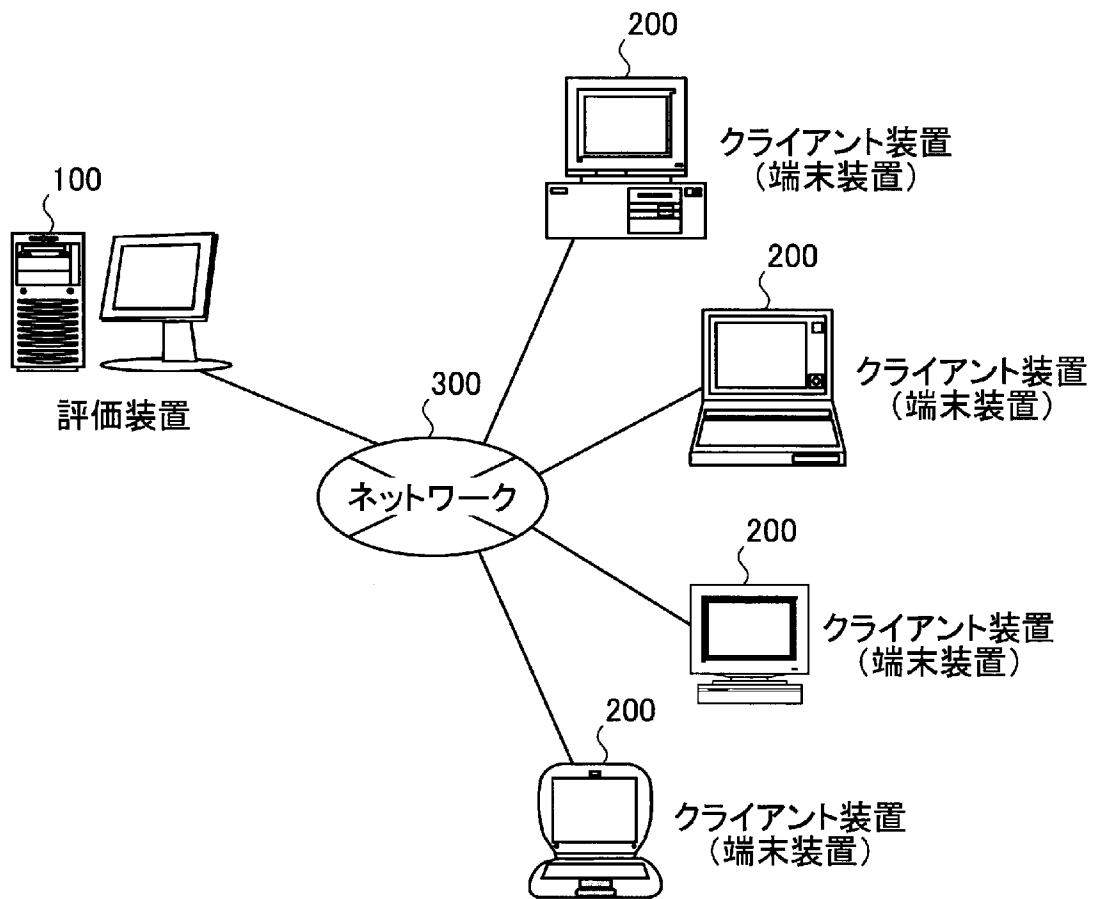
[図1]



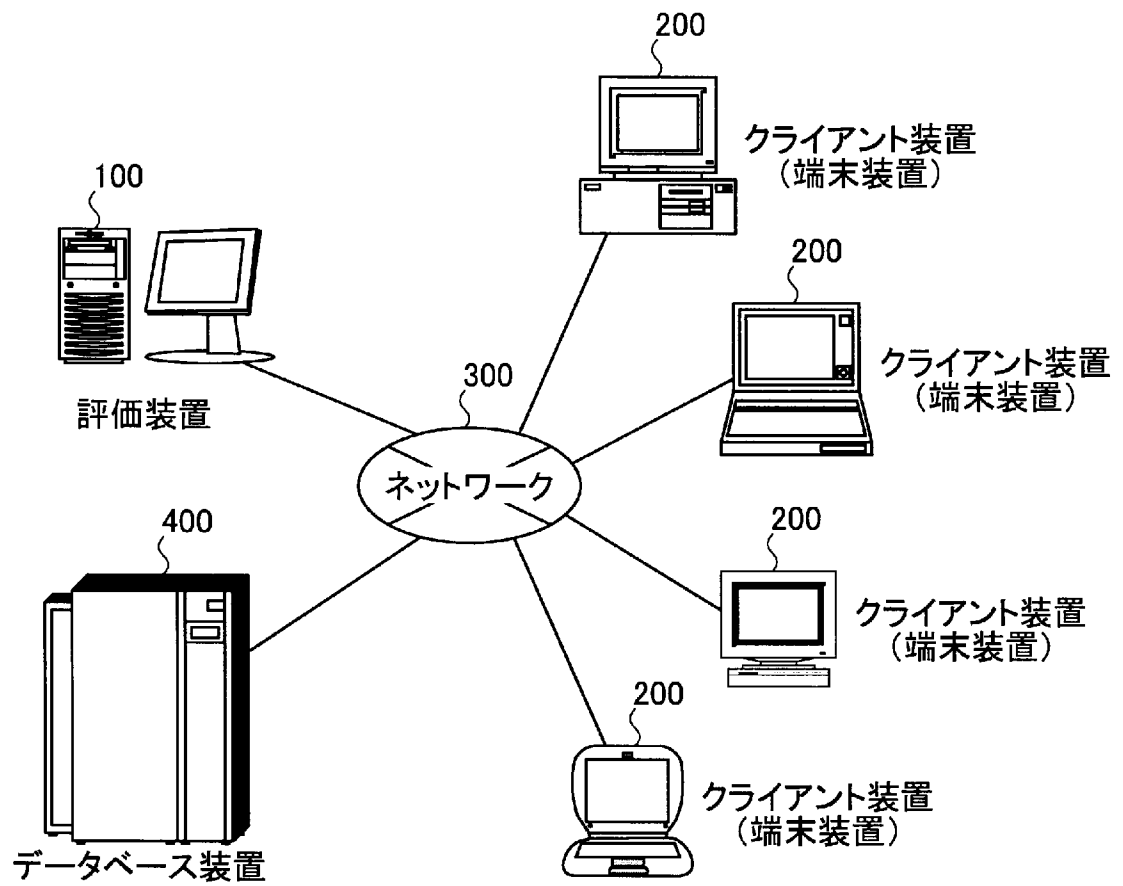
[図2]



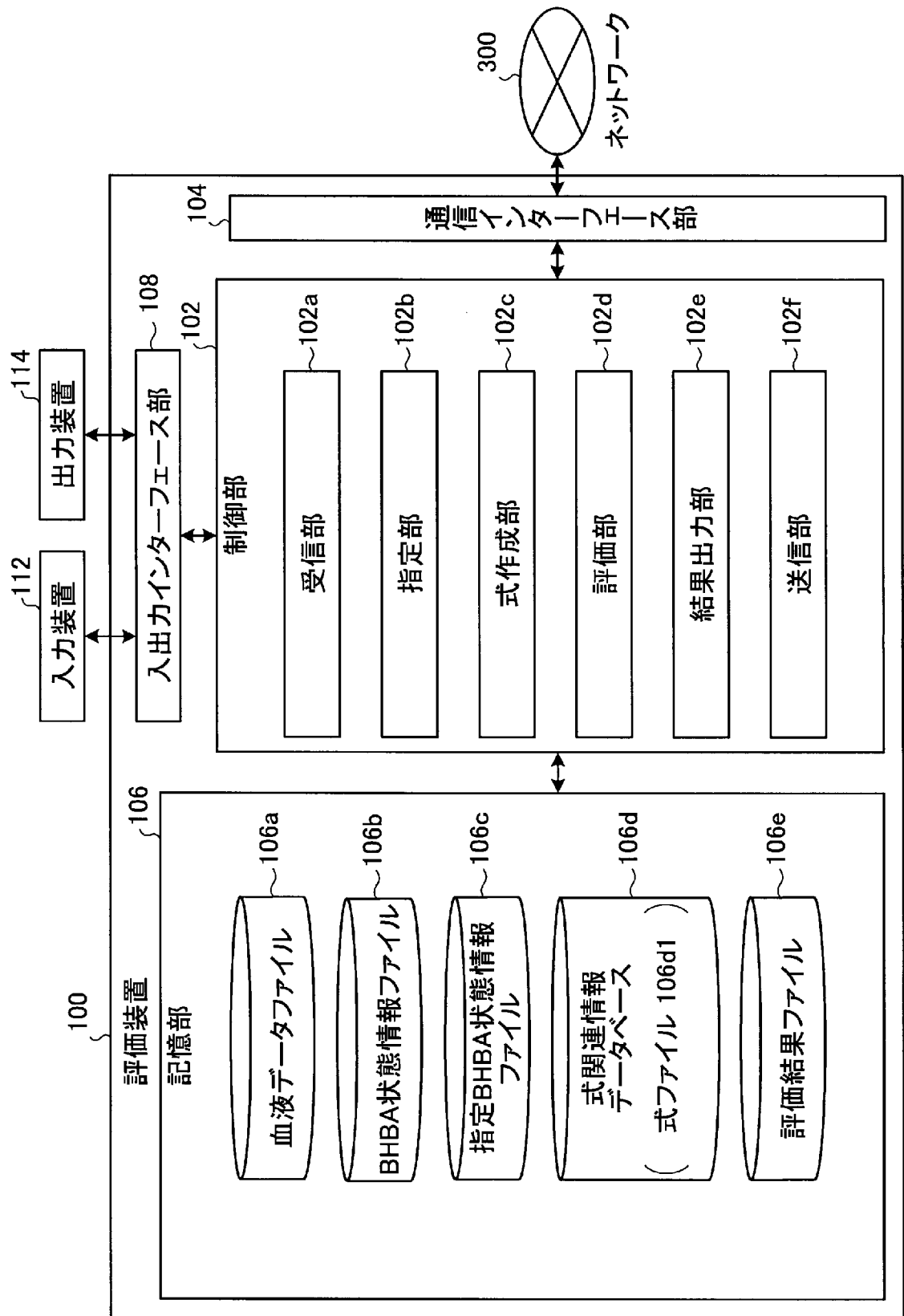
[図3]



[図4]



[図5]



[図6]

106a

個体(サンプル) 番号	血液データ					
	Gly	Leu	Val	Ile	Phe	...
U-1	9.5	11.2	2.7	8.5	4.9	...
U-2	8.5	10.5	3.9	9.8	6.1	...
⋮	⋮	⋮	⋮	⋮	⋮	⋮

[図7]

106b

個体(サンプル) 番号	BHBA データ	血液データ					
	BHBA	Gly	Leu	Val	Ile	Phe	...
A-1	1100	9.5	11.2	2.7	8.5	4.9	...
A-2	1500	8.5	10.5	3.9	9.8	6.1	...
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

[図8]

106c

個体(サンプル) 番号	BHBAデータ	血液データ			
	BHBA	Gly	Leu	Phe	...
A-1	1100	9.5	11.2	4.9	...
A-2	1500	8.5	10.5	6.1	...
⋮	⋮	⋮	⋮	⋮	⋮

[図9]

106d1

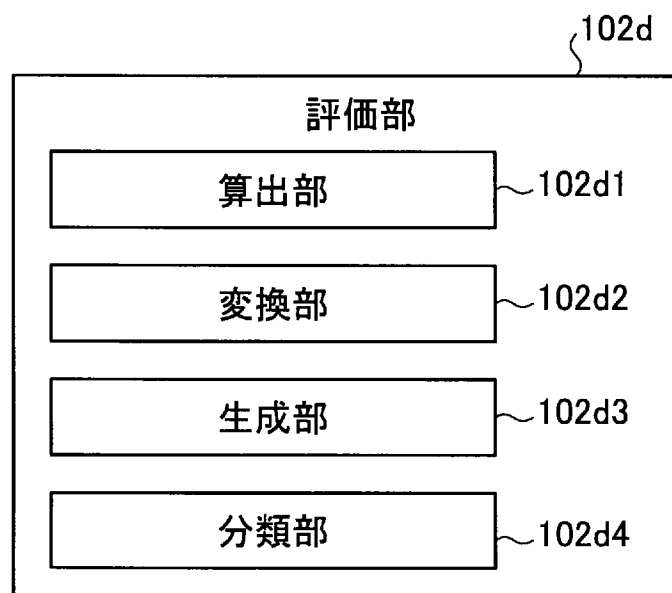
ランク	式	閾値	検証結果
1	$F_p(\text{Gly}, \dots)$	0.23	0.62
2	$F_p(\text{Gly}, \text{Leu}, \text{Phe})$	-2.12	1.02
3	$F_k(\text{Gly}, \text{Leu}, \text{Phe}, \dots)$	1.23	1.22
⋮	⋮	⋮	⋮

[図10]

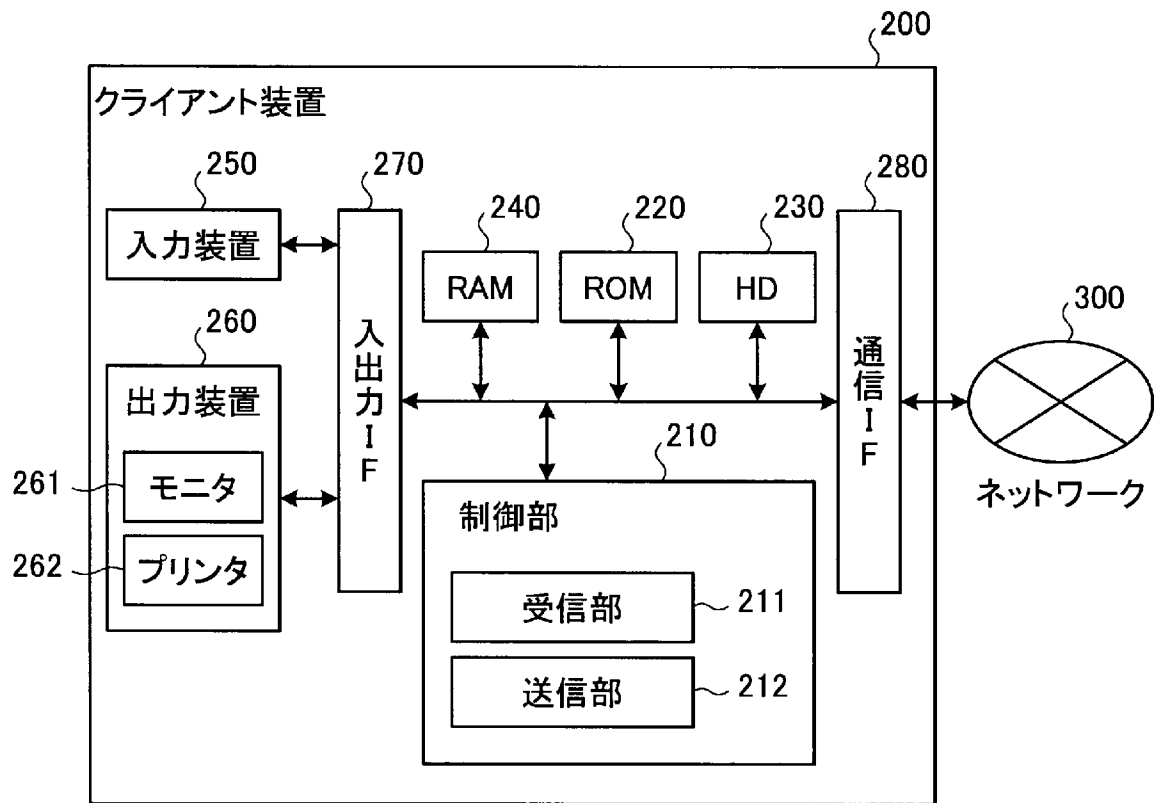
106e

個体(サンプル) 番号	血液データ				評価結果
	Gly	Leu	Phe	...	
U-1	9.5	11.2	4.9	...	
U-2	8.5	10.5	6.1	...	
⋮	⋮	⋮	⋮	⋮	⋮

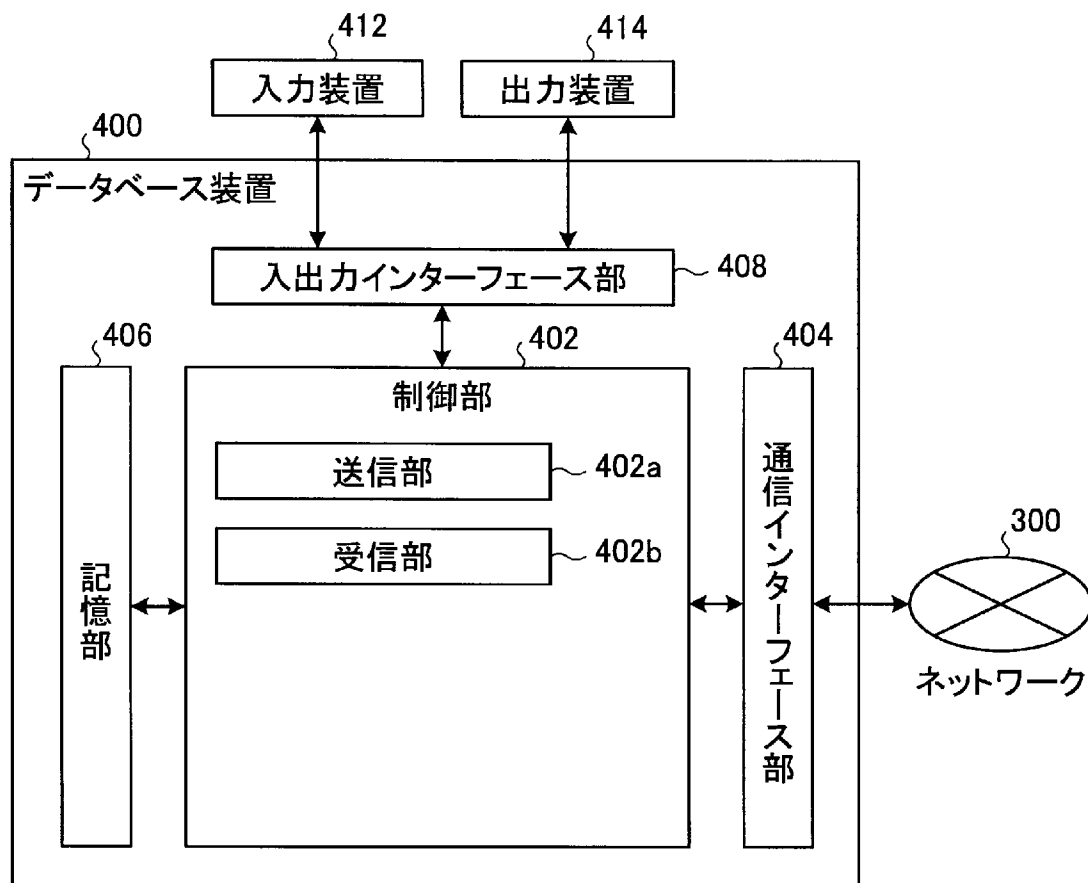
[図11]



[図12]



[図13]



INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2017/022927

A. CLASSIFICATION OF SUBJECT MATTER

G01N33/68(2006.01) i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G01N33/68

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2017
Kokai Jitsuyo Shinan Koho	1971-2017	Toroku Jitsuyo Shinan Koho	1994-2017

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JSTPlus/JMEDPlus/JST7580(JDreamIII)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	Hirohisa AKAMATSU et al., "Difference of serum total cholesterol concentration before parturition in dairy cows affects preventive effects of glycerite and by-pass type amino against ketosis", Shizuoka-Ken Chikusan Gijutsu Kenkyusho Kenkyu Hokoku, 2009.07, vol.2, pages 10 to 13	1-2 4-9
X	OSPINA, P.A. et al., Association between the proportion of sampled transition cows with increased nonesterified fatty acids and β -hydroxybutyrate and disease incidence, pregnancy rate, and milk production at the herd level, Journal of Dairy Science, 2010.08, Vol.93/No.8, pp.3595-3601	1

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
11 September 2017 (11.09.17)

Date of mailing of the international search report
19 September 2017 (19.09.17)

Name and mailing address of the ISA/
Japan Patent Office
3-4-3, Kasumigaseki, Chiyoda-ku,
Tokyo 100-8915, Japan

Authorized officer

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2017/022927

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2010-506589 A (DeLaval Holding AB), 04 March 2010 (04.03.2010), paragraphs [0002] to [0007], [0033] to [0048] & WO 2008/048180 A1 page 1, line 6 to page 2, line 20; page 8, line 31 to page 13, line 14 & US 2010/0154714 A1 & EP 2076114 A1	4-9
A	PINEDA, A. and CARDOSO, F.C., Validation of a handheld meter for measuring β -hydroxybutyrate concentrations in plasma serum from dairy cows, Journal of Dairy Science, 2015.12, Vol.98/No.12, pp.8818-8824	1-9
A	Katsunori KUDO, "Taizaisei Ketosis no Hassei Yoin to Seisan Dobutsu Bun'ya deno Amino-san no Yuko Katsuyo", Dairy Journal, 01 March 2014 (01.03.2014), vol.67, no.3, pages 22 to 24	1-9
A	WO 2012/163361 A1 (AARHUS UNIVERSITET), 06 December 2012 (06.12.2012), (Family: none)	1-9
A	JP 2004-008073 A (Ajinomoto Co., Inc.), 15 January 2004 (15.01.2004), & US 2004/0010042 A1 & EP 1374693 A2	1-9
A	JP 61-126472 A (Advance Co., Ltd.), 13 June 1986 (13.06.1986), (Family: none)	1-9

A. 発明の属する分野の分類 (国際特許分類 (IPC))

Int.Cl. G01N33/68 (2006.01) i

B. 調査を行った分野

調査を行った最小限資料 (国際特許分類 (IPC))

Int.Cl. G01N33/68

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報	1922-1996年
日本国公開実用新案公報	1971-2017年
日本国実用新案登録公報	1996-2017年
日本国登録実用新案公報	1994-2017年

国際調査で使用した電子データベース (データベースの名称、調査に使用した用語)

JSTPlus/JMEDPlus/JST7580 (JDreamIII)

C. 関連すると認められる文献

引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求項の番号
X Y	赤松裕久 他, 分娩前の血中総コレステロール値の違いがケトーシス予防効果に及ぼす影響, 静岡県畜産技術研究所研究報告, 2009.07, Vol.2, pp.10-13	1-2 4-9
X	OSPINA, P.A. et al., Association between the proportion of sampled transition cows with increased nonesterified fatty acids and β -hydroxybutyrate and disease incidence, pregnancy rate, and milk production at the herd level, Journal of Dairy Science, 2010.08, Vol.93/No.8, pp.3595-3601	1

☒ C欄の続きにも文献が列挙されている。

☐ パテントファミリーに関する別紙を参照。

* 引用文献のカテゴリー

「A」特に関連のある文献ではなく、一般的技術水準を示すもの
「E」国際出願日前の出願または特許であるが、国際出願日以後に公表されたもの
「L」優先権主張に疑義を提起する文献又は他の文献の発行日若しくは他の特別な理由を確立するために引用する文献 (理由を付す)
「O」口頭による開示、使用、展示等に言及する文献
「P」国際出願日前で、かつ優先権の主張の基礎となる出願

の日の後に公表された文献

「T」国際出願日又は優先日後に公表された文献であって出願と矛盾するものではなく、発明の原理又は理論の理解のために引用するもの
「X」特に関連のある文献であって、当該文献のみで発明の新規性又は進歩性がないと考えられるもの
「Y」特に関連のある文献であって、当該文献と他の1以上の文献との、当業者にとって自明である組合せによって進歩性がないと考えられるもの
「&」同一パテントファミリー文献

国際調査を完了した日

11.09.2017

国際調査報告の発送日

19.09.2017

国際調査機関の名称及びあて先

日本国特許庁 (ISA/J P)

郵便番号 100-8915

東京都千代田区霞が関三丁目4番3号

特許庁審査官 (権限のある職員)

西浦 昌哉

2 J

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電話番号 03-3581-1101 内線 3252

C (続き) . 関連すると認められる文献		
引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求項の番号
Y	JP 2010-506589 A (デラヴァル ホルディング アーバー) 2010.03.04, [0002]-[0007], [0033]-[0048] & WO 2008/048180 A1, 第1頁第6行-第2頁第20行, 第8頁第31行-第13頁第14行 & US 2010/0154714 A1 & EP 2076114 A1	4-9
A	PINEDA, A. and CARDOSO, F.C., Validation of a handheld meter for measuring β -hydroxybutyrate concentrations in plasma serum from dairy cows, Journal of Dairy Science, 2015.12, Vol.98/No.12, pp.8818-8824	1-9
A	工藤克典, 潜在性ケトーシスの発生要因と生産動物分野でのアミノ 酸の有効活用, 酪農ジャーナル, 2014.03.01, Vol.67/No.3, pp.22-24	1-9
A	WO 2012/163361 A1 (AARHUS UNIVERSITET) 2012.12.06, (ファミリ ーなし)	1-9
A	JP 2004-008073 A (味の素株式会社) 2004.01.15, & US 2004/0010042 A1 & EP 1374693 A2	1-9
A	JP 61-126472 A (株式会社アドバンス) 1986.06.13, (ファミリーな し)	1-9