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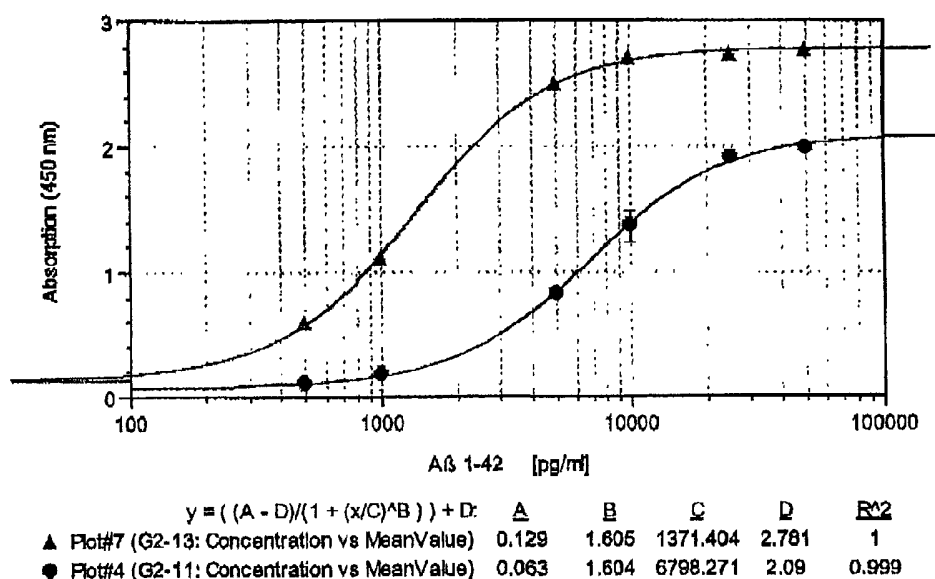
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[Continued on next page]

(54) Title: DIAGNOSIS OF ALZHEIMER'S DISEASE BASED ON THE hA β 42:hA β 40 RATIO



(57) Abstract: Described is a method for the diagnosis of Alzheimer's Disease (AD) or of a risk for developing said disease which is based on the determination of the ratio of hA β 42:hA β 40 (A β 42/40-ratio). A lower A β 42/40-ratio as compared to the normal ratio is indicative for AD or for a risk for developing AD. Moreover, kits are described suitable for carrying out said diagnostic method.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/68 C07K16/18

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)

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

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

EPO-Internal, BIOSIS, EMBASE, MEDLINE, FSTA, COMPENDEX, INSPEC, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 49875 A (UNIV WASHINGTON) 12 July 2001 (2001-07-12) the whole document abstract claims 1-5 page 5, line 4 - line 15 page 6, line 21 - line 23 page 7, line 4 - line 6 figure 2C	1-5, 7, 9-11
Y	---	1-12
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JENSEN MALENE ET AL: "Quantification of Alzheimer amyloid beta peptides ending at residues 40 and 42 by novel ELISA systems." MOLECULAR MEDICINE (NEW YORK), vol. 6, no. 4, April 2000 (2000-04), pages 291-302, XP008011178 ISSN: 1076-1551 the whole document page 294, right-hand column, line 1 -page 297, left-hand column, line 2 figures 1-3	12
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Y	ABETA, 'Online! XP002225797 Retrieved from the Internet: <URL:http://www.abeta.de/german/produkte.p hp?ABETA_SID=bb857b686633e102ac9b1e7fe66ca 703> 'retrieved on 2002-12-19! the whole document -----	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

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