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(71) Applicant *(for all designated States except US)*: **GEN-PROBE INCORPORATED** [US/US]; 10210 Genetic Center Drive, San Diego, CA 92121-4362 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **RESHATOFF, Michael, R.** [US/US]; 10865 Autillo Way, San Diego, CA 92127 (US). **ONG, Edgar, O.** [CA/US]; 10738 Glendover Lane, San Diego, CA 92126 (US). **HOGAN, James, J.** [US/US]; 1038 Olive Lane, Coronado, CA 92118 (US).

(74) Agents: **WILSON, Barry, S.** et al.; Foley & Lardner LLP, 11250 El Camino Real, Suite 200, San Diego, CA 92130 (US).

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[Continued on next page]

(54) Title: COMPOSITIONS, KITS AND RELATED METHODS FOR THE DETECTION AND/OR MONITORING OF SALMONELLA

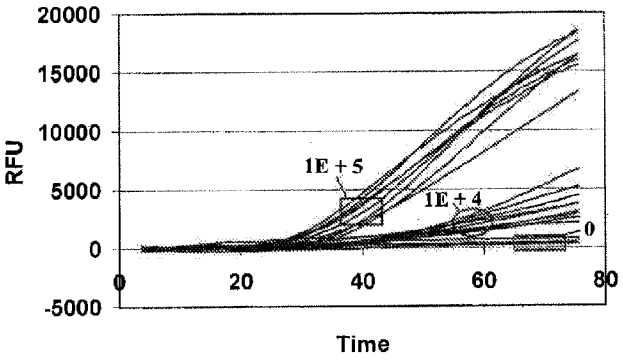


Fig. 1A

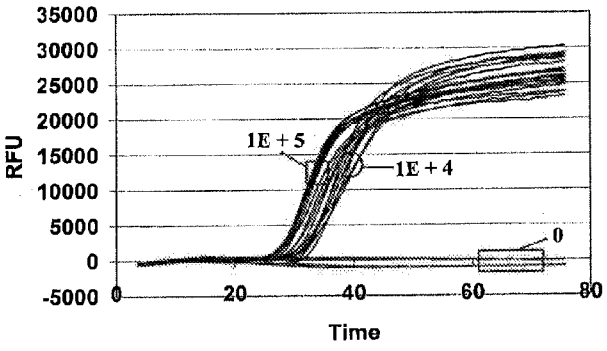


Fig. 1B

(57) Abstract: Provided are compositions, kits, and methods for the identification of Salmonella. In certain aspects and embodiments, the compositions, kits, and methods may provide improvements in relation to specificity, sensitivity, and speed of detection.

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NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2009/045738

A. CLASSIFICATION OF SUBJECT MATTER
INV. C12Q1/68

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)
C12Q

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, WPI Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/14555 A2 (UNIV UTAH RES FOUND [US]; IDAHO TECHNOLOGY INC [US]) 21 February 2002 (2002-02-21)	2-25, 27-30, 33-92, 94-102, 104-122
Y	p. 1, l. 1-11, p12, l. 27 to p. 13, l. 4, p. 13, l. 15, 16	1,26, 31-32, 93,103
Y	WO 03/095677 A1 (MEDIGENES [KR]; LEE SANG-YUP [KR]; CHANG KYUNG-HEE [KR]; YOO SO-YOUNG) 20 November 2003 (2003-11-20) abstract and claims 187-200	1,93,103

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[X] Further documents are listed in the continuation of Box C.

[X] 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

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

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
17 February 2010	05/03/2010

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Berillon-Lapopin, L

INTERNATIONAL SEARCH REPORT

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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.
Y	WO 2006/026388 A2 (GEN PROBE INC [US]; BECKER MICHAEL M [US]; LAM WAI-CHUNG [US]; LIVEZEY) 9 March 2006 (2006-03-09) abstract, fig. 1, fig. 2A, parag. 0041, 0047, 0116, 0163, and 0164	26,31-32
A	DE 199 15 141 A1 (ARTUS GES FUER MOLEKULARBIOLOG [DE]) 28 September 2000 (2000-09-28) abstract, p. 3, l. 30 and example 4, p. 15	1-145

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/045738

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

   a. type of material

   [X] a sequence listing

   [ ] table(s) related to the sequence listing

   b. format of material

   [X] on paper

   [X] in electronic form

   c. time of filing/furnishing

   [ ] contained in the international application as filed

   [ ] filed together with the international application in electronic form

   [X] furnished subsequently to this Authority for the purpose of search

2. [X] In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/US2009/045738

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