



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C12Q 1/70, 1/68 // C07K 14/085	A3	(11) International Publication Number: WO 98/14611 (43) International Publication Date: 9 April 1998 (09.04.98)
(21) International Application Number: PCT/US97/17734 (22) International Filing Date: 1 October 1997 (01.10.97) (30) Priority Data: 60/027,353 2 October 1996 (02.10.96) US (71) Applicant (for all designated States except US): THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; The Centers for Disease Control and Prevention, 1600 Clifton Road N.E., Atlanta, GA 30333 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): KILPATRICK, David [US/US]; 1095 Fulton Court, Norcross, GA 30093-4041 (US). (74) Agents: SAMPLES, Kenneth, H. et al.; Fitch, Even, Tabin & Flannery, Suite 900, 135 South LaSalle Street, Chicago, IL 60603-4277 (US).		(81) Designated States: AU, CA, JP, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> (88) Date of publication of the international search report: 28 May 1998 (28.05.98)
(54) Title: DETECTION AND IDENTIFICATION OF NON-POLIO ENTEROVIRUSES (57) Abstract This invention provides sensitive nucleic acid hybridization assay methods and kits for the detection of non-polio enterovirus nucleic acids. The methods are particularly useful in detecting the presence of enterovirus nucleic acids in a biological sample, and for ascertaining the serotype of enteroviruses present in a sample.		

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 97/17734

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C12Q1/70 C12Q1/68 //C07K14/085

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)

IPC 6 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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 95 02704 A (US GOVERNMENT) 26 January 1995 see page 3, paragraph 1 see page 22, line 5 - page 25, line 15 ---	1-3, 8-10, 12-16
A	WO 90 11376 A (UNIVERSITY PATENTS INC) 4 October 1990 see the whole document ---	1-3, 8-10, 12-16
A	FR 2 623 817 A (PASTEUR INSTITUT ;CENTRE NAT RECH SCIENT (FR); INST NAT SANTE RECH) 2 June 1989 see the whole document ---	1-3
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

6 March 1998

Date of mailing of the international search report

25/03/1998

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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.
A	EGGER D ET AL: "Reverse transcription multiplex PCR for differentiation between polio- and enteroviruses from clinical and environmental samples" JOURNAL OF CLINICAL MICROBIOLOGY, vol. 33, no. 6, June 1995, pages 1442-7, XP002058058 see the whole document ----	1-3, 8-10, 12-16
A	MUSCILLO M ET AL: "Detection of enteroviruses in cellular lysates by RT-PCR: Differentiation between poliovirus and nonpolioviruses" L'IGIENE MODERNA, vol. 103, no. 2, 1995, pages 223-36, XP002058059 see summary ----	1-3, 8-10, 12-16
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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