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(54) Title: RAPID AND SPECIFIC DETECTION OF *CAMPYLOBACTER*

(57) Abstract: The present invention provides a method for specifically detecting pathogenic *Campylobacter* species in a complex sample. The target pathogenic *Campylobacter* species can be *Campylobacter jejuni* or *Campylobacter coli*. The complex sample can be a food sample, water sample, or selectively enriched food matrix. The method of detection utilizes PCR amplification with, or without, an internal positive control, and appropriate primer pairs. Multiple species can be detected in the same reaction. The reagents necessary to perform the method can be supplied as a kit and/or in tablet form.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C12P 19/34; C07H 21/02, 21/04

US CL : 435/6, 91.2; 536/23.1, 24.3

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)

U.S. : 435/6, 91.2; 536/23.1, 24.3

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 practicable, search terms used)
WEST, Patents

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,156,546 A (KONKEL et al.) 05 December 2000; column 3, lines 13-23; col. 5, lines 49-63; col. 7, lines 1-28; col. 10, lines 33-67; col. 11, lines 1-29; col. 23, lines 5-33.	1-13

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

☐ See patent family annex.

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