



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification⁵ : C12Q 1/68, C07H 1/06</p>	<p>A3</p>	<p>(11) International Publication Number: WO 94/16103 (43) International Publication Date: 21 July 1994 (21.07.94)</p>
<p>(21) International Application Number: PCT/US94/00297 (22) International Filing Date: 7 January 1994 (07.01.94)</p> <p>(30) Priority Data: 08/002,786 8 January 1993 (08.01.93) US 08/056,363 30 April 1993 (30.04.93) US</p> <p>(60) Parent Applications or Grants (63) Related by Continuation US 08/002,786 (CIP) Filed on 8 January 1993 (08.01.93) US 08/056,363 (CIP) Filed on 30 April 1993 (30.04.93)</p> <p>(71) Applicant (for all designated States except US): HYBRIDON, INC. [US/US]; One Innovation Drive, Worcester, MA 01605 (US).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): TEMSAMANI, Jamal [MA/US]; Shrewsbury Green, Apartment 18L, Shrewsbury, MA 01545 (US). AGRAWAL, Sudhir [IN/US]; 61 Lamp-lighter Drive, Shrewsbury, MA 01545 (US).</p>	<p>(74) Agent: GREENFIELD, Michael, S.; Allegretti & Witcoff, Ltd., Ten South Wacker Drive, Chicago, IL 60606 (US).</p> <p>(81) Designated States: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 1st September 1994 (01.09.94)</p>	
<p>(54) Title: DETECTION OF SYNTHETIC OLIGONUCLEOTIDES EXTRACTED FROM BODY FLUIDS OR TISSUES</p>		
<p>(57) Abstract</p> <p>The invention provides a method for detecting specific synthetic oligonucleotides that are present in body fluid or tissue samples taken from an animal or human patient to whom oligonucleotides have been administered.</p>		

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 5 C12Q1/68 C07H1/06

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 5 C12Q C07H

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	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA. vol. 88 , September 1991 , WASHINGTON US pages 7595 - 7599 AGRAWAL, S. ET AL 'Pharmacokinetics, biodistribution, and stability of oligodioxynucleotide phosphothroates in mice' cited in the application see page 7595, right column, paragraph 6 - page 7596, left column, paragraph 2 ---	1-6
A	WO,A,92 00983 (MICROPROBE CORP) 23 January 1992 see page 2, line 35 - line 25 see page 13 - page 15, line 8 ---	1-6
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Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 94/00297

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO,A,92 18649 (MICROPROBE CORP) 29 October 1992 see page 14 - page 16, line 20 ---	1-6
A	WO,A,88 08036 (INVIRTON CORP) 20 October 1988 see the whole document ---	1-6
A	EP,A,0 324 474 (BOEHRINGER MANNHEIM GMBH) 19 July 1989 see page 2 - page 6 -----	1-6

INTERNATIONAL SEARCH REPORT

...information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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