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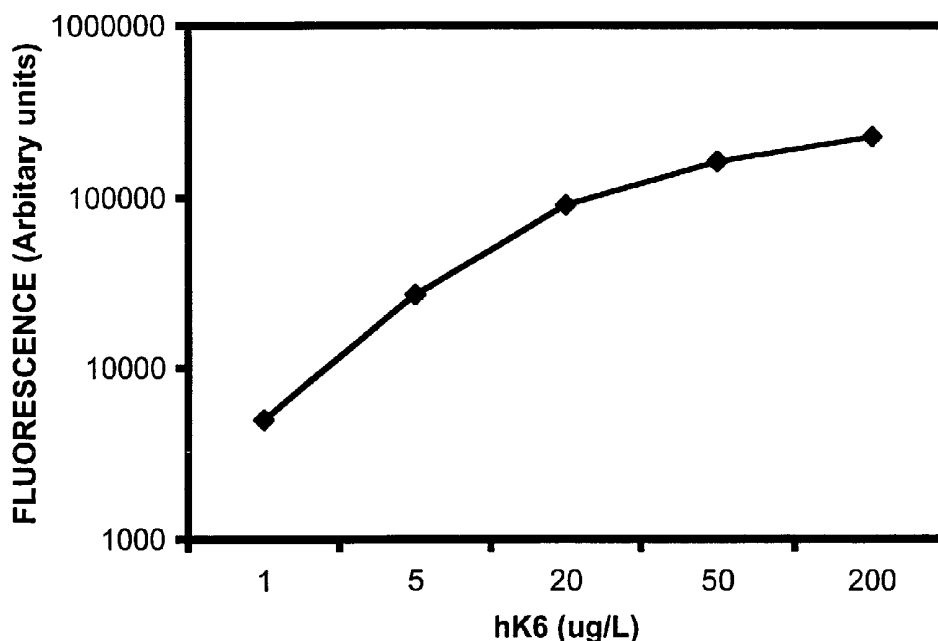
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- (71) Applicant (*for all designated States except US*): **MOUNT SINAI HOSPITAL** [CA/CA]; 600 University Avenue, Toronto, Ontario M5G 1X5 (CA).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **DIAMANDIS, Eleftherios, P.** [CA/CA]; 1504 Gerrard Street West, Suite 44, Toronto, Ontario M5G 2X2 (CA).
- Published:  
— with international search report

[Continued on next page]

(54) Title: METHOD FOR DETECTING OVARIAN CANCER BASED ON HUMAN KALLIKREIN 6 (HK6)



(57) Abstract: A method for the diagnosis, prognosis, and monitoring of ovarian cancer in a subject by detecting hK6 in a sample from the subject, preferably a serum sample or tumor tissue extract. hK6 may be measured using a reagent that detects or binds to hK6 preferably antibodies specifically reactive with hK6 or a part thereof. Imaging methods for tumors associated with hK6 are also described using an agent that binds to hK6 which has a label for imaging the tumor.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

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**INTERNATIONAL SEARCH REPORT**

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**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G01N33/574 C07K14/47 C12N9/64

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 7 G01N C07K C12Q C12N

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

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ANISOWICZ A ET AL: "A NOVEL PROTEASE HOMOLOG DIFFERENTIALLY EXPRESSED IN BREAST AND OVARIAN CANCER" MOLECULAR MEDICINE, BLACKWELL SCIENCE, CAMBRIDGE, MA, US, vol. 2, no. 5, 1 September 1996 (1996-09-01), pages 624-636, XP002060076 ISSN: 1076-1551 cited in the application abstract page 626, column 2 page 631, column 1	1,4,6,8, 9,11,21
Y	the whole document	2,3,5,7, 10, 12-20,22
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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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- \*&\* document member of the same patent family

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hinchliffe, P

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 01/01505

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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 11238 A (DANA FARBER CANCER INST INC) 19 March 1998 (1998-03-19)  page 3, line 25 - line 34 page 5, line 14 - line 25 page 6, line 1 - line 11 figure 5 claim 46	1,4-6,8, 9,11,21, 22
Y	the whole document	2,3,7, 10, 12-20,22
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Y	YOUSEF G M ET AL: "The KLK7 (PRSS6) gene, encoding for the stratum corneum chymotryptic enzyme is a new member of the human kallikrein gene family - genomic characterization, mapping, tissue expression and hormonal regulation" GENE, ELSEVIER BIOMEDICAL PRESS. AMSTERDAM, NL, vol. 254, no. 1-2, 22 August 2000 (2000-08-22), pages 119-128, XP004208787 ISSN: 0378-1119 page 127, column 1, paragraph 4 -column 2, paragraph 1  ---	2,3
Y	ELEFThERIOS P: "immunofluorometric assay of human kallikrein 6 (zyme/protease M/neurosin) and preliminary clinical applications." CLINICAL BIOCHEMISTRY, vol. 33, no. 5, July 2000 (2000-07), pages 369-375, XP002207083 cited in the application page 370, column 1, paragraph 3 -page 371, column 1, paragraph 3  ---	5,7, 12-14, 20,22
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P,X	--- WO 01 59158 A (TRUSTEES OF THE UNIVERSITY OF) 16 August 2001 (2001-08-16) page 18, line 7-21; claims 17,18; figure 13  ---	1-22
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INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CA 01/01505

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	<p>DIAMANDIS EP ET AL: "the new human kallikrein gene family: implications in carcinogenesis" TRENDS IN ENDOCRINOLOGY AND METABOLISM, vol. 11, no. 2, November 2000 (2000-11), pages 54-60, XP002207049 cited in the application the whole document -----</p>	1-22

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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