Title: DETECTION OF OVARIAN CANCER

Abstract: A method for the diagnosis, prognosis, and monitoring of ovarian cancer in a subject by detecting hK10 in a sample from the subject, preferably a serum sample or tumor tissue extract. hK10 may be measured using a reagent that detects or binds to hK10 preferably antibodies specifically reactive with hK10 or a part thereof. Imaging methods for tumors associated with hK10 are also described using an agent that binds to hK10 which has a label for imaging the tumor.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/574 G01N33/543 G01N33/58 A61K49/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELD SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N 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, WPI Data, PAJ, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tbody>
<tr>
<td>X</td>
<td>US 5 843 694 A (BAND VIMLA) 1 December 1998 (1998-12-01)</td>
<td>1, 4-7, 9-15, 21, 22</td>
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</table>

Further documents are listed in the continuation of box C.

X Patent family members are listed in annex.

* Special categories of cited documents:

*A* document defining the general state of the art which is not considered to be of particular relevance

*E* earlier document but published on or after the international filing date

*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

*O* document referring to an oral disclosure, use, exhibition or other means

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

**T** later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

**X** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

**Y** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* document member of the same patent family

Date of the actual completion of the international search

30 August 2002

Date of mailing of the international search report

18/09/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 940-2404, Tx. 31 661 6po nl,
Fax (+31-70) 340-3016

Authorized officer

Vammontfort, D

Form PCT/ISA/210 (second sheet) (July 1992)
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<td>X</td>
<td>GOYAL JAYA ET AL: &quot;The role for NES1 serine protease as a novel tumor suppressor.&quot; CANCER RESEARCH, vol. 58, no. 21, 1 November 1998 (1998-11-01), pages 4782-4786, XP001094008 ISSN: 0008-5472 cited in the application abstract page 4782, column 2, paragraph 3 - paragraph 6</td>
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<td>P,X</td>
<td>WO 02 35232 A (DIAMANDIS ELEFHERIOS P; MOUNT SINAI HOSPITAL (CA)) 2 May 2002 (2002-05-02) the whole document</td>
<td>1-22</td>
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**INTERNATIONAL SEARCH REPORT**

**Box I  Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. **X** Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
   
   Although claims 15–20 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

2. □ Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. □ Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II  Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1. □ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. □ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. □ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. □ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

□ The additional search fees were accompanied by the applicant's protest.

□ No protest accompanied the payment of additional search fees.
<table>
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<td>US 2002106367 A1</td>
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