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(71) Applicant (for all designated States except US): CENTRE FOR DNA FINGERPRINTING AND DIAGNOSTICS [CDFD] [IN/IN]; Department of Biotechnology, Ministry of Science & Technology, Government of India, Nacharam, Hyderabad 500 076 (IN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): HASNAIN, Seyed, Ehtesham [IN/IN]; Laboratory of Molecular and Cellular Biology, Centre for DNA Fingerprinting and Diagnostics [CDFD], Nacharam, Hyderabad 500 076 (IN). BANERJEE, Sharmistha [IN/IN]; Laboratory of Molecular and Cellular Biology, Centre for DNA Fingerprinting and Diagnostics [CDFD], Nacharam, Hyderabad 500 076 (IN). NANDYALA, Ashok [IN/IN]; Laboratory of Molecular and Cellular Biology, Centre for DNA Fingerprinting and Diagnostics [CDFD], Nacharam, Hyderabad 500 076 (IN). PODILI, Raviprasad [IN/IN]; Laboratory of Molecular and Cellular Biology, Centre for DNA Fingerprinting and Diagnostics [CDFD], Nacharam, Hyderabad 500 076 (IN). KATOCH, Vishwa, M [IN/IN]; Laboratory of Microbiology, Central JALMA Institute for Leprosy, Agra 282 001 (IN). MURTHY, K, J, R, [IN/IN]; Mahavir Hospital and Research Centre, Hyderabad 500 004 (IN).

(74) Agents: BHOLA, Ravi et al.; K & S Partners, 84-C, C6 Lane Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

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**Declaration under Rule 4.17:**

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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26 May 2006

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.

(54) Title: A METHOD OF DIAGNOSING TUBERCULOSIS

(57) Abstract: The present invention relates to a method of diagnosing tuberculosis in a subject, said method comprising steps of: detecting anti-Mycobacterium tuberculosis (M.tb.) isocitrate dehydrogenase (ICDs) antibody in the subject, and diagnosing tuberculosis in the subject.

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## INTERNATIONAL SEARCH REPORT

International application No.  
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A. CLASSIFICATION OF SUBJECT MATTER IPC <sup>7</sup> : G01N 33/569, C07K 14/35 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 <sup>7</sup> : G01N		
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) WPI, EPODOC, PAJ, Internet, Pubmed		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Öhman R, Ridell M. "Enzymatic and antigenic analyses of strains of Mycobacterium bovis, M. bovis BCG, and M. tuberculosis." Curr Microbiol. 1995 Mar;30(3):161-5. <i>*the whole document, figur 4*.</i>	1-5
A	Andersen P, et al. "Proteins released from Mycobacterium tuberculosis during growth." Infect Immun. 1991 Jun;59(6):1905-10. < <a href="http://www.pubmedcentral.gov/picrender.fcgi?artid=257941&amp;blobtype=pdf">http://www.pubmedcentral.gov/picrender.fcgi?artid=257941&amp;blobtype=pdf</a> > <i>*the whole document*.</i>	1-5
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"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)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"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</p> <p>"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</p> <p>"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</p> <p>"&amp;" document member of the same patent family</p>		
Date of the actual completion of the international search 12 December 2005 (12.12.2005)		Date of mailing of the international search report 19 December 2005 (19.12.2005)
Name and mailing address of the ISA/ AT <b>Austrian Patent Office</b> Dresdner Straße 87, A-1200 Vienna Facsimile No. +43 / 1 / 534 24 / 535		Authorized officer <b>GÖRNER W.</b>  Telephone No. +43 / 1 / 534 24 / 558

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International application No.  
PCT/IN 2005/000245

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	<p>Banerjee S, et al. "Mycobacterium tuberculosis (Mtb) isocitrate dehydrogenases show strong B cell response and distinguish vaccinated controls from TB patients." Proc Natl Acad Sci U S A. 2004 Aug 24;101(34):12652-7. Epub 2004 Aug 16. [Retrieved from the internet on 2 December 2005 (02.12.2005) ] <i>*the whole document*</i></p> <p style="text-align: center;">----</p>	1-5

**Continuation of first sheet**

**Continuation No. II:**

**Observations where certain claims were found unsearchable**

**(Continuation of item 2 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:

Claims Nos.: 6 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: -

Claim 6 is unclear and was therefore excluded from the search as well as the establishment for novelty, inventive step and industrial applicability, for the reason, that claim 6 does not describe all required steps of "a method of developing drug against tuberculosis" by referring to "a) targeting the proposed drug towards enzyme ... (ICD), and b) developing the drug against tuberculosis" therefore lacking all essential methodical steps and technical features describing for instance the mechanism how the drug is supposed to act and by what technical criteria it should be selected.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/IN 2005/000245

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
A		none	