Accepted Manuscript

Diagnostic Utility of Interferon-Gamma Release Assay in Extrapulmonary Tuberculosis

Jung Ar Shin, Yoon Soo Chang, Hyung Jung Kim, Chul Min Ahn, Min Kwang Byun

PII: S0732-8893(15)00036-X

DOI: doi: 10.1016/j.diagmicrobio.2015.02.002

Reference: DMB 13766

To appear in: Diagnostic Microbiology and Infectious Disease

Received date: 2 July 2014 Revised date: 3 February 2015 Accepted date: 6 February 2015



Please cite this article as: Shin Jung Ar, Chang Yoon Soo, Kim Hyung Jung, Ahn Chul Min, Byun Min Kwang, Diagnostic Utility of Interferon-Gamma Release Assay in Extrapulmonary Tuberculosis, *Diagnostic Microbiology and Infectious Disease* (2015), doi: 10.1016/j.diagmicrobio.2015.02.002

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Diagnostic Utility of Interferon-Gamma Release Assay in Extrapulmonary Tuberculosis

Jung Ar Shin^a, Yoon Soo Chang^b, Hyung Jung Kim^b, Chul Min Ahn^b, Min Kwang Byun^{b,*}

^aDivision of Pulmonology, Department of Internal Medicine, G Sam Hospital, 591 Gunpo-ro, Gunpo-si, Gyeonggi-do 435-010, Korea.

^bDivision of Pulmonology, Department of Internal Medicine, Gangnam Severance Hospital, Yonsei University College of Medicine, 211 Eonju-ro, Gangnam-gu, Seoul 135-720, Korea.

Running title: Diagnostic Utility of IGRA in EP-TB

Word counts for the abstract and the body of the text: 149 characters and 2549 characters

Corresponding author:

Min Kwang Byun, MD.

Division of Pulmonology, Department of Internal Medicine, Gangnam Severance Hospital, Yonsei University College of Medicine, 211 Eonju-ro, Gangnam-gu, Seoul 135-720, Korea. Tel: 82-2-2019-3454, Fax: 82-2-3463-3882, E-mail: littmann@yuhs.ac

Download English Version:

https://daneshyari.com/en/article/6115699

Download Persian Version:

https://daneshyari.com/article/6115699

<u>Daneshyari.com</u>