## Accepted Manuscript

Multiplex serology of *Helicobacter pylori* antigens in detection of current infection and atrophic gastritis - A simple and cost-efficient method

Ebrahim Shafaie, Samaneh Saberi, Maryam Esmaeili, Zeynab Karimi, Saeed Najafi, Mohammad Tashakoripoor, Afshin Abdirad, Mahmoud Eshagh Hosseini, Mohammad Ali Mohagheghi, Vahid Khalaj, Marjan Mohammadi

PII: S0882-4010(18)30301-2

DOI: 10.1016/j.micpath.2018.04.018

Reference: YMPAT 2897

To appear in: Microbial Pathogenesis

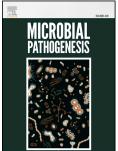
Received Date: 21 February 2018

Revised Date: 10 April 2018

Accepted Date: 10 April 2018

Please cite this article as: Shafaie E, Saberi S, Esmaeili M, Karimi Z, Najafi S, Tashakoripoor M, Abdirad A, Hosseini ME, Mohagheghi MA, Khalaj V, Mohammadi M, Multiplex serology of *Helicobacter pylori* antigens in detection of current infection and atrophic gastritis - A simple and cost-efficient method, *Microbial Pathogenesis* (2018), doi: 10.1016/j.micpath.2018.04.018.

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.



Multiplex serology of *Helicobacter pylori* antigens in detection of current infection and atrophic gastritis - A simple and cost-efficient method

Ebrahim Shafaie <sup>a</sup>, Samaneh Saberi <sup>a</sup>, Maryam Esmaeili <sup>a</sup>, Zeynab Karimi <sup>a</sup>, Saeed Najafi <sup>a</sup>, Mohammad Tashakoripoor <sup>b</sup>, Afshin Abdirad <sup>c</sup>, Mahmoud Eshagh Hosseini <sup>b</sup>, Mohammad Ali Mohagheghi <sup>d</sup>. Vahid Khalaj <sup>e</sup>, and Marjan Mohammadi .<sup>a\*</sup>

<sup>a</sup> HPGC Research Group, Department of Medical Biotechnology, Pasteur Institute of Iran, Tehran, Iran

<sup>b</sup> Gastroenterology Department, Amiralam Hospital, Tehran University of Medical Sciences, Tehran, Iran

<sup>c</sup> Cancer Institute, Tehran University of Medical Sciences, Tehran, Iran

<sup>d</sup> Cancer Research Center, Cancer Institute, Tehran University of Medical Sciences, Tehran, Iran.

<sup>e</sup> Fungal Biotechnology Lab, Department of Medical Biotechnology, Pasteur Institute of Iran, Tehran, Iran.

\*Corresponding Author:

Marjan Mohammadi, PhD. HPGC Research Group, Department of Medical Biotechnology, Pasteur Institute of Iran, No. 69 Pasteur Ave., Tehran, Iran 1316943551. Tel/Fax: 021 66480780, E-mail: <u>marjan.mohammadi@pasteur.ac.ir</u>

Download English Version:

## https://daneshyari.com/en/article/8749489

Download Persian Version:

https://daneshyari.com/article/8749489

Daneshyari.com