Author's Accepted Manuscript

Magnetic immunoassay for cancer biomarker detection based on surface-enhanced resonance Raman scattering from coupled plasmonic nanostructures

Zhen Rong, Chongwen Wang, Junfeng Wang, Donggen Wang, Rui Xiao, Shengqi Wang



www.elsevier.com/locate/bios

PII: S0956-5663(16)30282-2

DOI: http://dx.doi.org/10.1016/j.bios.2016.04.006

Reference: BIOS8593

To appear in: Biosensors and Bioelectronic

Received date: 4 February 2016 Revised date: 23 March 2016 Accepted date: 4 April 2016

Cite this article as: Zhen Rong, Chongwen Wang, Junfeng Wang, Dongger Wang, Rui Xiao and Shengqi Wang, Magnetic immunoassay for cancel biomarker detection based on surface-enhanced resonance Raman scattering from coupled plasmonic nanostructures, *Biosensors and Bioelectronic* http://dx.doi.org/10.1016/j.bios.2016.04.006

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable 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

Magnetic immunoassay for cancer biomarker detection based on surface-enhanced resonance Raman scattering from coupled plasmonic nanostructures

Zhen Rong^{a,1}, Chongwen Wang^{a,c,1}, Junfeng Wang^d, Donggen Wang^{b,*}, Rui Xiao^{a,*},

Shengqi Wang^{a,*}

^aBeijing Institute of Radiation Medicine, Beijing 100850, P. R. China.

^bInstitute of Transfusion Medicine, Beijing 100850, P. R. China.

^cCollege of Life Sciences & Bio-Engineering, Beijing University of Technology, Beijing 100124, P. R. China.

^dCollege of Mechatronics and Automation, National University of Defense Technology, Changsha 410073, P. R. China.

¹These authors contributed equally to this work.

Corresponding author

*Tel: +86-10-66932274. E-mail: sqwang@bmi.ac.cn (Shengqi Wang).

*Tel: +86-10-66931422. E-mail: ruixiao203@sina.com (Rui Xiao).

*Tel: +86-10-66931980. E-mail: David_king@139.com (Donggen Wang).

Download English Version:

https://daneshyari.com/en/article/7230383

Download Persian Version:

https://daneshyari.com/article/7230383

<u>Daneshyari.com</u>