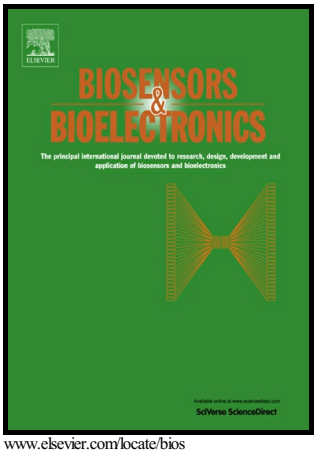
Multiple signal amplification strategies for ultrasensitive label-free electrochemical immunoassay for carbohydrate antigen 24-2 based on redox hydrogel

Zhongxue Tang, Yuanyuan Fu, Zhanfang Ma



www.elsevier.com/locate/bios

PII: S0956-5663(16)31302-1
DOI: http://dx.doi.org/10.1016/j.bios.2016.12.049
Reference: BIOS9442

To appear in: *Biosensors and Bioelectronic*

Received date: 1 November 2016
Revised date: 21 December 2016
Accepted date: 21 December 2016

Cite this article as: Zhongxue Tang, Yuanyuan Fu and Zhanfang Ma, Multiple signal amplification strategies for ultrasensitive label-free electrochemical immunoassay for carbohydrate antigen 24-2 based on redox hydrogel, *Biosensors and Bioelectronic,* http://dx.doi.org/10.1016/j.bios.2016.12.049

Multiple signal amplification strategies for ultrasensitive label-free electrochemical immunoassay for carbohydrate antigen 24-2 based on redox hydrogel

Zhongxue Tang, Yuanyuan Fu, Zhanfang Ma*

Department of Chemistry, Capital Normal University, Beijing 100048, China

Email: mazhanfang@cnu.edu.cn

Abstract