Accepted Manuscript

Title: Dual-signal amplification strategy for electrochemiluminescence sandwich biosensor for detection of thrombin

Author: Yingjie Li Yuqin Li Ning Xu Jiahong Pan Tufeng

Chen Yaowen Chen Wenhua Gao

PII: S0925-4005(16)31460-5

DOI: http://dx.doi.org/doi:10.1016/j.snb.2016.09.043

Reference: SNB 20908

To appear in: Sensors and Actuators B

Received date: 29-4-2016 Revised date: 16-8-2016 Accepted date: 8-9-2016

Please cite this article as: Yingjie Li, Yuqin Li, Ning Xu, Jiahong Pan, Tufeng Chen, Yaowen Chen, Wenhua Gao, Dual-signal amplification strategy for electrochemiluminescence sandwich biosensor for detection of thrombin, Sensors and Actuators B: Chemical http://dx.doi.org/10.1016/j.snb.2016.09.043

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

Highlights

- 1. Combing the GNPs-graphene withRu-TBA2-AuNPs to amplify the ECL biosensor response.
- 2. Have a low LOD 6.3 pM
- 3. Have a good selectivity to different interferences.

Download English Version:

https://daneshyari.com/en/article/5009630

Download Persian Version:

https://daneshyari.com/article/5009630

<u>Daneshyari.com</u>