Accepted Manuscript

Highly reproducible ratiometric aptasensor based on the ratio of amplified electrochemiluminescence signal and stable internal reference electrochemical signal

Yue Lin, Jian Wang, Fang Luo, Longhua Guo, Bin Qiu Zhenyu Lin

PII: S0013-4686(18)31507-X

DOI: 10.1016/j.electacta.2018.07.015

Reference: EA 32212

To appear in: Electrochimica Acta

Received Date: 30 April 2018
Revised Date: 1 July 2018
Accepted Date: 3 July 2018

Please cite this article as: Y. Lin, J. Wang, F. Luo, L. Guo, B.Q. Zhenyu Lin, Highly reproducible ratiometric aptasensor based on the ratio of amplified electrochemiluminescence signal and stable internal reference electrochemical signal, *Electrochimica Acta* (2018), doi: 10.1016/i.electacta.2018.07.015.

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

- 1 Highly reproducible ratiometric aptasensor based on the
- 2 ratio of amplified electrochemiluminescence signal and
- 3 stable internal reference electrochemical signal
- 4 Yue Lin, Jian Wang*, Fang Luo, Longhua Guo, Bin Qiu, Zhenyu Lin*
- 5 Ministry of Education Key Laboratory for Analytical Science of Food Safety and
- 6 Biology, Fujian Provincial Key Laboratory of Analysis and Detection for Food Safety,
- 7 College of Chemistry, Fuzhou University, Fuzhou, Fujian, 350116, China.
- 8 E-mail: jwang@fzu.edu.cn (Jian Wang);
- 9 zylin@fzu.edu.cn (Zhenyu Lin); Tel&Fax: 86-591-22866135
- 10 Address: Department of Chemistry, Fuzhou University, Fuzhou, Fujian, 350108,
- 11 China

12

13

Download English Version:

https://daneshyari.com/en/article/6602065

Download Persian Version:

https://daneshyari.com/article/6602065

<u>Daneshyari.com</u>