Author's Accepted Manuscript

A ratiometric nanosensor based on conjugated polyelectrolyte-stabilized AgNPs for ultrasensitive fluorescent and colorimetric sensing of melamine

Xixi Zhu, Yi Xiao, Xiaoying Jiang, Jiahui Li, Hongling Qin, Hongmei Huang, Youyu Zhang, Xiaoxiao He, Kemin Wang



PII: S0039-9140(16)30016-9 DOI: http://dx.doi.org/10.1016/j.talanta.2016.01.012 Reference: TAL16264

To appear in: Talanta

Received date: 15 November 2015 Revised date: 30 December 2015 Accepted date: 8 January 2016

Cite this article as: Xixi Zhu, Yi Xiao, Xiaoying Jiang, Jiahui Li, Hongling Qin Hongmei Huang, Youyu Zhang, Xiaoxiao He and Kemin Wang, A ratiometric nanosensor based on conjugated polyelectrolyte-stabilized AgNPs fo ultrasensitive fluorescent and colorimetric sensing of melamine, *Talanta*. http://dx.doi.org/10.1016/j.talanta.2016.01.012

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

A ratiometric nanosensor based on conjugated polyelectrolyte-stabilized AgNPs for ultrasensitive fluorescent and colorimetric sensing of melamine

> Xixi Zhu ^a, Yi Xiao ^a, Xiaoying Jiang ^a, Jiahui Li ^a, Hongling Qin ^a, Hongmei Huang ^{a,*}, Youyu Zhang ^a, Xiaoxiao He ^b, Kemin Wang ^{b,*}

^a Key Laboratory of Chemical Biology and Traditional Chinese Medicine Research (Ministry of Education), College of Chemistry and Chemical Engineering, Hunan Normal University, Changsha 410081, PR China

^b State Key Laboratory of Chemo/Biosensing and Chemometrics, College of Chemistry and Chemical Engineering, College of Biology, Hunan University, Changsha 410082, PR China

^{*} Corresponding author. Tel.: +86 731 88872576; fax: +86 731 88872531.

E-mail addresses: huanghongmei@hunnu.edu.cn (H. Huang), kmwang@hnu.edu.cn (K. Wang).

Download English Version:

https://daneshyari.com/en/article/7678089

Download Persian Version:

https://daneshyari.com/article/7678089

Daneshyari.com