Accepted Manuscript

Title: UV-induced peroxidase-like activity of gold nanoclusters for differentiating pathogenic bacteria and detection of enterotoxin with colorimetric readout

Authors: Xiaoxue Xie, Fang Tan, Aiqing Xu, Keqin Deng, Yulong Zeng, Haowen Huang

PII: S0925-4005(18)31782-9

DOI: https://doi.org/10.1016/j.snb.2018.10.019

Reference: SNB 25452

To appear in: Sensors and Actuators B

Received date: 15-2-2018 Revised date: 3-7-2018 Accepted date: 4-10-2018



Please cite this article as: Xie X, Tan F, Xu A, Deng K, Zeng Y, Huang H, UV-induced peroxidase-like activity of gold nanoclusters for differentiating pathogenic bacteria and detection of enterotoxin with colorimetric readout, *Sensors and amp; Actuators: B. Chemical* (2018), https://doi.org/10.1016/j.snb.2018.10.019

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

UV-induced peroxidase-like activity of gold nanoclusters for differentiating pathogenic bacteria and detection of enterotoxin with colorimetric readout

Xiaoxue Xie ^a, Fang Tan ^a, Aiqing Xu ^b, Keqin Deng ^a, Yulong Zeng ^a, Haowen Huang ^{a*}

^aKey Laboratory of Theoretical Organic Chemistry and Function Molecule, Ministry of

Education, Hunan Provincial Key Laboratory of Controllable Preparation and

Functional Application of Fine Polymers, School of Chemistry and Chemical

Engineering, Hunan University of Science and Technology, Xiangtan, China, 411201.

^bSchool of Life Science, Hunan University of Science and Technology, Xiangtan, China,

411201.

Corresponding author:

Haowen Huang, hhwn09@163.com

Graphical abstract

Download English Version:

https://daneshyari.com/en/article/11016373

Download Persian Version:

https://daneshyari.com/article/11016373

<u>Daneshyari.com</u>