### **Accepted Manuscript**

Carbon nanotube-based aptasensor for sensitive electrochemical detection of whole-cell Salmonella

Md Rakibul Hasan, Thiruchelvi Pulingam, Jimmy Nelson Appaturi, Anis Nadyra Zifruddin, Swe Jyan Teh, Teck Wei Lim, Fatimah Ibrahim, Bey Fen Leo, Kwai Lin Thong

PII: S0003-2697(18)30413-5

DOI: 10.1016/j.ab.2018.06.001

Reference: YABIO 13038

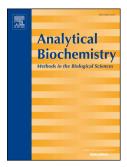
To appear in: Analytical Biochemistry

Received Date: 16 April 2018 Revised Date: 1 June 2018

Accepted Date: 1 June 2018

Please cite this article as: M. Rakibul Hasan, T. Pulingam, J.N. Appaturi, A.N. Zifruddin, S.J. Teh, T.W. Lim, F. Ibrahim, B.F. Leo, K.L. Thong, Carbon nanotube-based aptasensor for sensitive electrochemical detection of whole-cell *Salmonella*, *Analytical Biochemistry* (2018), doi: 10.1016/j.ab.2018.06.001.

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.

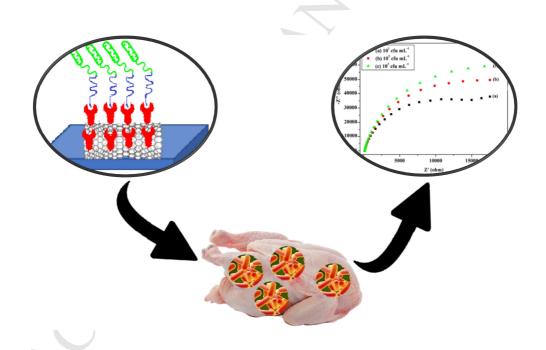


#### ACCEPTED MANUSCRIPT

# Carbon nanotube-based aptasensor for sensitive electrochemical detection of whole-cell Salmonella

Md. Rakibul Hasan<sup>a</sup>, Thiruchelvi Pulingam<sup>a</sup>, Jimmy Nelson Appaturi<sup>a</sup>, Anis Nadyra Zifruddin<sup>b</sup>, Swe Jyan Teh <sup>c</sup>, Teck Wei Lim <sup>b</sup>, Fatimah Ibrahim <sup>e</sup>, Bey Fen Leo <sup>c,d</sup> and Kwai Lin Thong <sup>b,\*</sup>

- <sup>a</sup> Nanotechnology & Catalysis Research Centre (NANOCAT), Institute of Graduate Studies, University of Malaya, 50603 Kuala Lumpur, Malaysia.
  - Institute of Biological Science, Faculty of Science, University of Malaya, 50603, Kuala Lumpur, Malaysia.
  - <sup>c</sup> Centre for Innovation in Medical Engineering, Faculty of Engineering, University of Malaya, 50603, Kuala Lumpur, Malaysia
  - Department of Biomedical Imaging, Faculty of Medicine, University of Malaya, 50603
    Kuala Lumpur, Malaysia
  - <sup>e</sup> Department of Biomedical Engineering, Faculty of Engineering, University of Malaya, 50603, Kuala Lumpur, Malaysia.



### Download English Version:

## https://daneshyari.com/en/article/7556693

Download Persian Version:

https://daneshyari.com/article/7556693

<u>Daneshyari.com</u>