

## Author's Accepted Manuscript

Colorimetric assay of heparin in plasma based on the inhibition of oxidase-like activity of citrate-capped platinum nanoparticles

Jyun-Guo You, Yao-Wen Liu, Chi-Yu Lu, Wei-Lung Tseng, Cheng-Ju Yu



[www.elsevier.com/locate/bios](http://www.elsevier.com/locate/bios)

PII: S0956-5663(16)31111-3  
DOI: <http://dx.doi.org/10.1016/j.bios.2016.10.082>  
Reference: BIOS9304

To appear in: *Biosensors and Bioelectronic*

Received date: 11 August 2016  
Revised date: 8 October 2016  
Accepted date: 26 October 2016

Cite this article as: Jyun-Guo You, Yao-Wen Liu, Chi-Yu Lu, Wei-Lung Tseng and Cheng-Ju Yu, Colorimetric assay of heparin in plasma based on the inhibition of oxidase-like activity of citrate-capped platinum nanoparticles *Biosensors and Bioelectronic*, <http://dx.doi.org/10.1016/j.bios.2016.10.082>

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 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

**Colorimetric assay of heparin in plasma based on the inhibition of oxidase-like activity of citrate-capped platinum nanoparticles**

Jyun-Guo You<sup>1</sup>, Yao-Wen Liu<sup>5</sup>, Chi-Yu Lu<sup>4</sup>, Wei-Lung Tseng\*<sup>1,2,3</sup> and Cheng-Ju Yu\*<sup>5</sup>

<sup>1</sup>Department of Chemistry, National Sun Yat-sen University, Taiwan

<sup>2</sup>School of Pharmacy, College of Pharmacy, Kaohsiung Medical University, Taiwan

<sup>3</sup>Center for Nanoscience and Nanotechnology, National Sun Yat-sen University, Taiwan

<sup>4</sup>Department of Biochemistry, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan.

<sup>5</sup>Department of Applied Physics and Chemistry, University of Taipei, Taiwan

Correspondence:

Dr. Wei-Lung Tseng, Department of Chemistry, National Sun Yat-sen University, 70, Lien-hai Road, Kaohsiung, Taiwan 804.

E-mail: tsengwl@mail.nsysu.edu.tw

Fax: 011-886-7-3684046.

Download English Version:

<https://daneshyari.com/en/article/5031625>

Download Persian Version:

<https://daneshyari.com/article/5031625>

[Daneshyari.com](https://daneshyari.com)