

Accepted Manuscript

Specific colorimetric ELISA method based on DNA hybridization reaction and non-crosslinking gold nanoparticles aggregation for the detection of amantadine

Fang-Fei Zhu, Juan Peng, Zhen Huang, Li-Ming Hu, Gang-Gang Zhang,
Dao-Feng Liu, Ke-Yu Xing, Kai-Yi Zhang, Wei-Hua Lai

PII: S0308-8146(18)30461-8

DOI: <https://doi.org/10.1016/j.foodchem.2018.03.033>

Reference: FOCH 22576

To appear in: *Food Chemistry*

Received Date: 28 September 2017

Revised Date: 6 March 2018

Accepted Date: 8 March 2018



Please cite this article as: Zhu, F., Peng, J., Huang, Z., Hu, L., Zhang, G., Liu, D., Xing, K., Zhang, K., Lai, W., Specific colorimetric ELISA method based on DNA hybridization reaction and non-crosslinking gold nanoparticles aggregation for the detection of amantadine, *Food Chemistry* (2018), doi: <https://doi.org/10.1016/j.foodchem.2018.03.033>

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.

1 **Specific colorimetric ELISA method based on DNA hybridization**
2 **reaction and non-crosslinking gold nanoparticles aggregation for the**
3 **detection of amantadine**

4 Fang-Fei Zhu ^a, Juan Peng ^a, Zhen Huang ^a, Li-Ming Hu ^a, Gang-Gang Zhang ^a,
5 Dao-Feng Liu ^b, Ke-Yu Xing ^a, Kai-Yi Zhang ^a, Wei-Hua Lai ^{a, *}

6

7 ^a *State Key Laboratory of Food Science and Technology, Nanchang University,*
8 *Nanchang 330047, China*

9 ^b *Jiangxi Province Center for Disease Control and Prevention, Nanchang 330047,*
10 *China*

11

12 *Corresponding authors:

13 Dr. Weihua Lai

14 State Key Laboratory of Food Science and Technology, Nanchang University

15 Address: 235 Nanjing East Road, Nanchang 330047, PR China

16 Tel.: +86 13879178802;

17 E-mail address: talktolaiwh@163.com

18

Download English Version:

<https://daneshyari.com/en/article/7585360>

Download Persian Version:

<https://daneshyari.com/article/7585360>

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