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5 **Engineering WS<sub>2</sub>-Au-HRP assisted-multiple signal amplification strategy**

6 **for chemiluminescence immunoassay of prostate specific antigen**

7 Jun-Tao Cao<sup>a,c,\*</sup>, Li-Zhen Zhao<sup>a</sup>, Wen-Sheng Zhang<sup>a</sup>, Shu-Hui Ma<sup>b</sup>, and Yan-Ming

8 Liu<sup>a,\*</sup>

9 <sup>a</sup>College of Chemistry and Chemical Engineering, Institute for Conservation and Utilization of

10 Agro-bioresources in Dabie Mountains, Xinyang Normal University, Xinyang 464000, P. R.

11 China

12 <sup>b</sup>Xinyang Central Hospital, Xinyang 464000, P. R. China

13 <sup>c</sup>Shandong Key Laboratory of Biochemical Analysis, Qingdao University of Science and

14 Technology, Qingdao 266042, China

15 Corresponding Authors: \*Phone/Fax: +86-376-6392889. E-mail addresses: liuym9518@sina.com

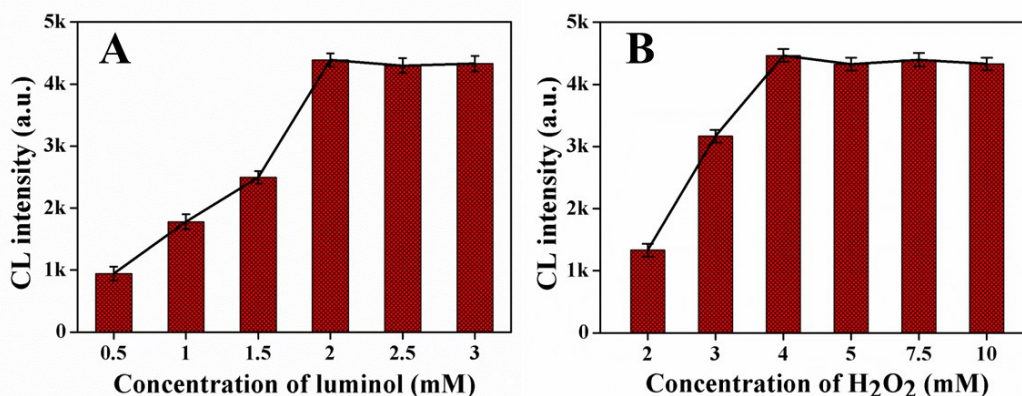
16 (Y.-M. Liu) and jtcao11@163.com (J.-T. Cao).

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22 **Fig. S1.** Effects of luminol (A) and H<sub>2</sub>O<sub>2</sub> (B) concentrations on the CL intensity.

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3 **Table S1.** Recovery of PSA in two human serum samples.

Serum Sample No.	Found (ng/mL)	Added (ng/mL)	Total found (ng/mL)	Recoveries (%)	RSDs (%, <i>n</i> = 3)
1	1.32	0.1	1.33	100.0	6.3
		1.0	1.43	110.0	3.1
		10.0	2.35	103.0	4.7
2	6.31	0.1	6.40	90.0	5.2
		1.0	7.43	112.0	2.5
		10.0	15.98	96.7	3.9

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