

Supporting Information:

Multicolor ELISA based on alkaline phosphatase-triggered growth of Au nanorods

Yanyan Li,^a Xiaoming Ma,^a Zhengming Xu,^a Meihua Liu,^b Zhenyu Lin,^{a*} Bin Qiu,^a

Longhua Guo^{a*} and Guonan Chen^a

^a Institute of Nanomedicine and Nanobiosensing; The Key Lab of Analysis and
Detection Technology for Food Safety of the MOE and Fujian Province; College of
Chemistry, Fuzhou University, Fuzhou, 350116, China.

^b Fuqing Branch of Fujian Normal University, Fuqing, Fujian 350300, China

* To whom correspondence should be addressed. E-mail: guolh@fzu.edu.cn

(Longhua Guo); zylin@fzu.edu.cn (Zhenyu Lin); Tel: +86-591-22866164; Fax: +86-
591-22866135

Figure S1

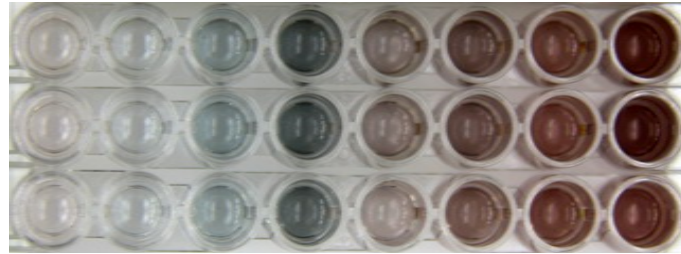


Figure S1 Photographs of the AuNRs growth solution after the addition of different amount of ALP-antibody conjugates. The original solution of ALP-antibody conjugates in the ELISA kit was diluted for 2500 times with 1 mM Tris-HCl buffer (pH7.4) . The amounts of diluted ALP-antibody conjugates added from left to right were 0, 10, 20, 30, 40, 50, 60, 70 μL , respectively, and three replicates were conducted for each sample.