

Electronic Supplementary Information

Microwell array structured surface plasmon resonance imaging gold chip for high performance label-free immunoassay

Yihong Mei, Ling Li, Nan Chen, Changyin Zhong and Weihua Hu*

Institute for Clean Energy & Advanced Materials, School of Materials & Energy,
Southwest University, Chongqing 400715, China

*Corresponding authors: E-mail: whhu@swu.edu.cn (W.H. Hu)



Fig. S1 differential SPRi image obtained on conventional gold chip after 20 min reaction with 100 µg mL⁻¹ OTA antibody solution.

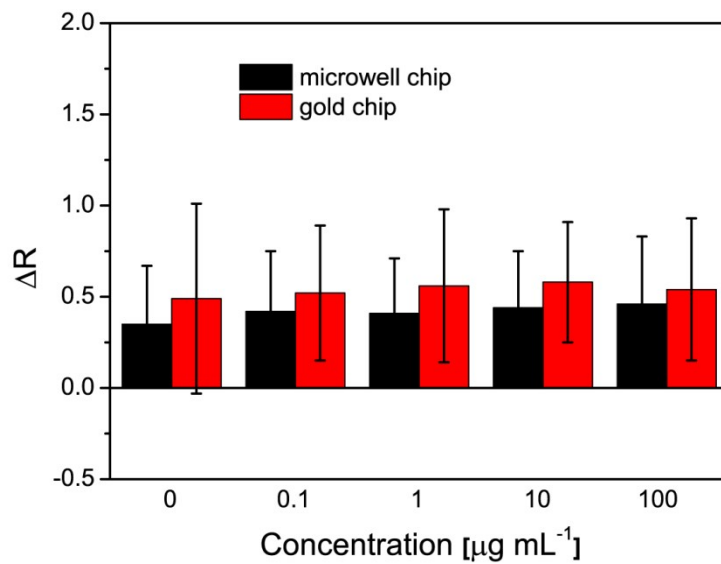


Fig. S2 Comparison of SPRi noises (signals collected on BSA-immobilized control spots) on microwell array structured chip and conventional gold chip after 20 min detection of OTA antibody at different concentration.