Ultrasensitive dual amplification sandwich immunosensor for breast cancer susceptibility gene based on sheet materials

Xiang Ren, a Tao Yan, a Sen Zhang, b Xiaoyue Zhang, a Picheng Gao, a Dan Wu, a Bin Du, a,b Qin Wei a,*

a Key Laboratory of Chemical Sensing & Analysis in Universities of Shandong, School of Chemistry and Chemical Engineering, University of Jinan, Jinan 250022, P.R. China
b School of Resources and Environmental Sciences, University of Jinan, Jinan 250022, PRChina

Correspondence: sdjndxqw@163.com (Qin Wei)

Tel: + 86-531-82767872
Fax: + 86-531-82765969
Fig. S1 cyclic voltammogram about electrochemical response before (A) and after (B) the addition of H$_2$O$_2$

![Cyclic Voltammogram](image)

Fig. S2 the current data towards different BRCA1 concentration

![Current Data](image)

In Fig. S2, A is the background current, and from B to K is the current of different BRCA1 concentration. And in optimization of experimental conditions and calibration curve, the data presented in figures were without background current.