SUPPORTING INFORMATION

Amine-functionalized Cu-MOF Nanospheres towards Label-free Hepatitis B Surface Antigen Electrochemical Immunosensors

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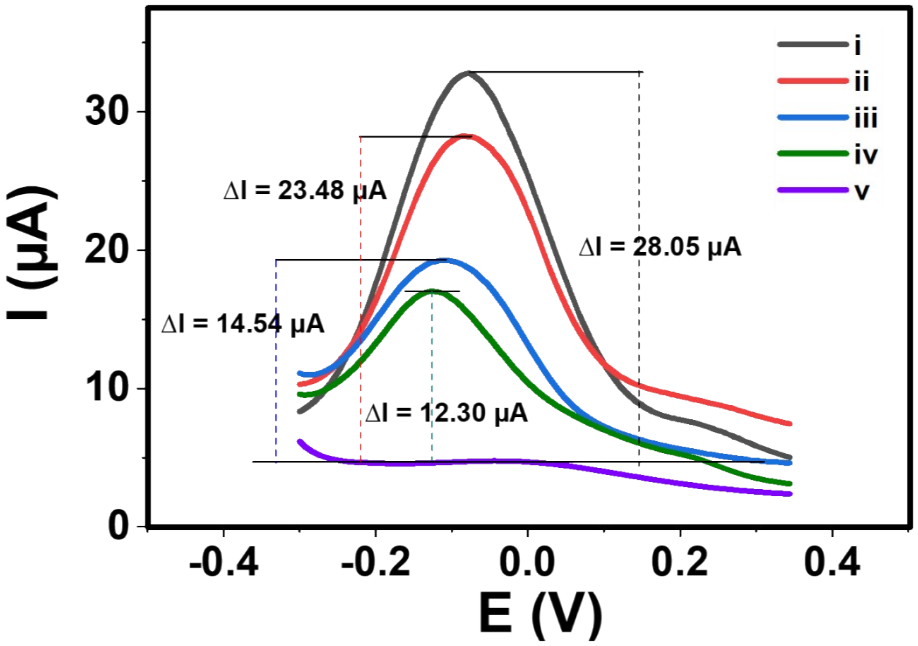

Fig S1. DPV response of four synthesized Cu-NH_2BDC series; (i) CuNH_2BDC-TP, (ii) CuNH_2BDC-2TP, (iii) CuNH_2BDC-P, (iv) CuNH_2BDC-T and (v) bare GCE. The CuNH_2BDC-TP delivers the highest current compare to the others, indicating its high potential as HBsAg sensor.

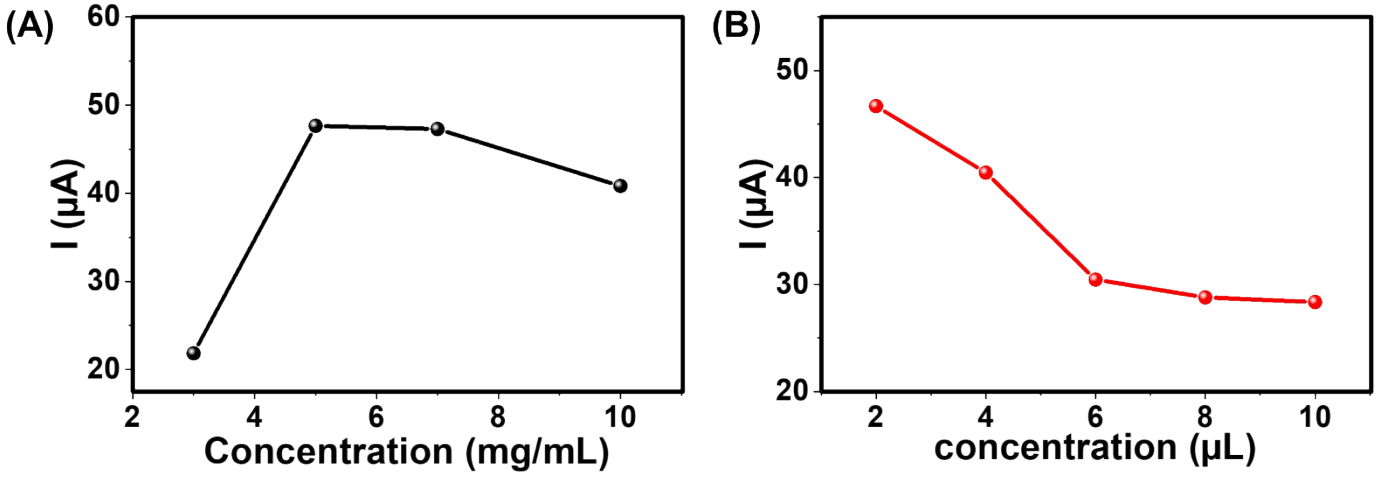

Fig S2. The current response in order to determine the optimum condition of the sensor according to the variation of (A) Cu-NH_2BDC concentration and (B) amount of antibody