

Supporting Information to

Probe-Integrated Label-Free Electrochemical Immunosensor Based on Binary Nanocarbon Composites for Detection of CA19-9

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S1. CV curves of bare ITO and ErGO-CNT/ITO electrodes after soaking into MB solution

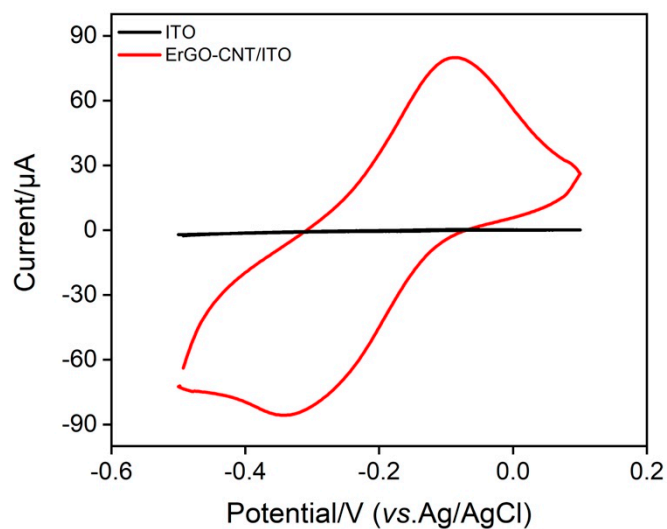


Figure S1. CV curves of bare ITO and ErGO-CNT/ITO electrodes in 0.01 M PBS (pH = 7.4) after soaking into 1 mM MB under stirring for 60 min.

S2 Effect of pH of supporting electrolyte on the PDA/MB/GO-CNT/ITO electrode

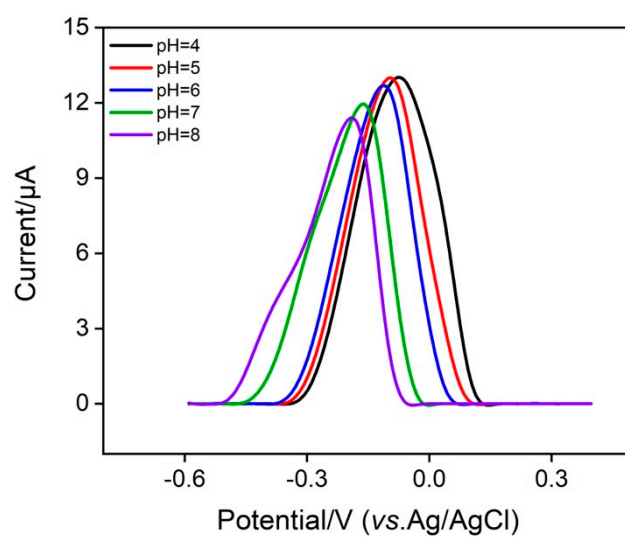


Figure S2. DPV curves of PDA/MB/GO-CNT/ITO electrode in 0.01 M PBS with different pH.

S3 Optimization of accumulation time of MB

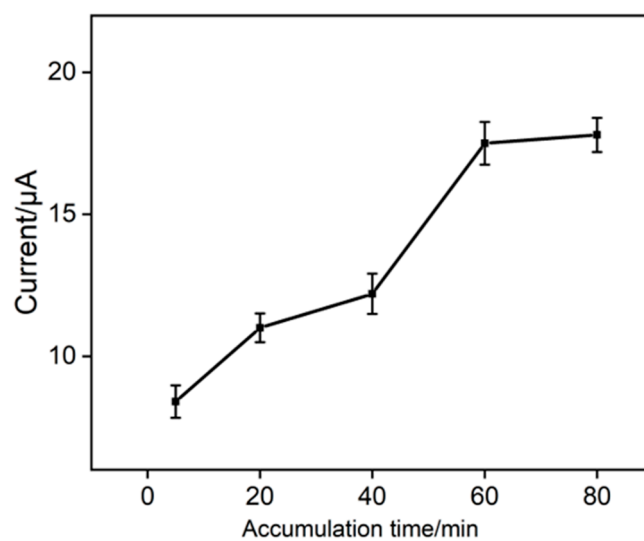


Figure S3. Effect of accumulation time of MB on current response of MB/ErGO-CNT/ITO electrode.