Supporting information

Tetrahexahedral Au nanocrystals/aptamer based ultrasentive electrochemical biosensor

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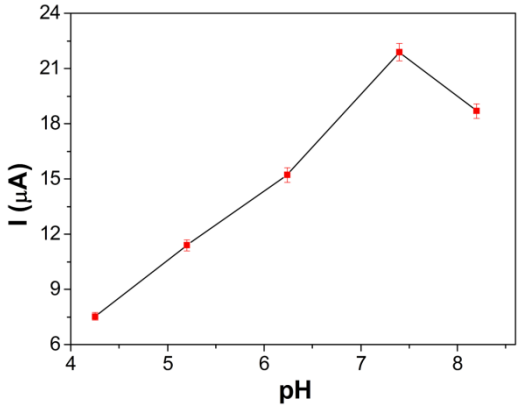

Fig. S1 The peak current in the SWV as a function of lysozyme concentration at 0.1 pM.

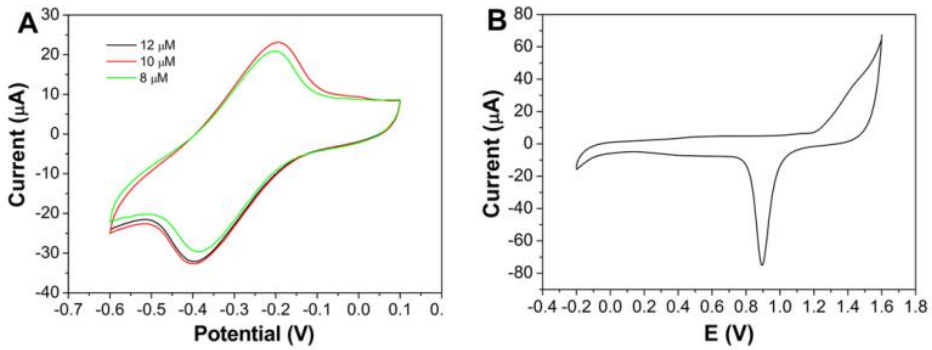

Fig. S2 (A) CVs obtained from DNA duplex THH Au NCs /GCE in 10 mM Tris buffer (pH 7.41) in the presence of $[Ru(NH_3)_6]^{3+}$ at different concentrations, the scan rate was 500 mV/s. (B) CVs of THH Au NCs /GCE in 0.5 M H_2SO_4, scan rate was 50 mV/s.