

Supporting Information

Colorimetric assay of Hg²⁺ based on the inhibition of peroxidase mimetic activity of gold nanoclusters induced by Hg²⁺

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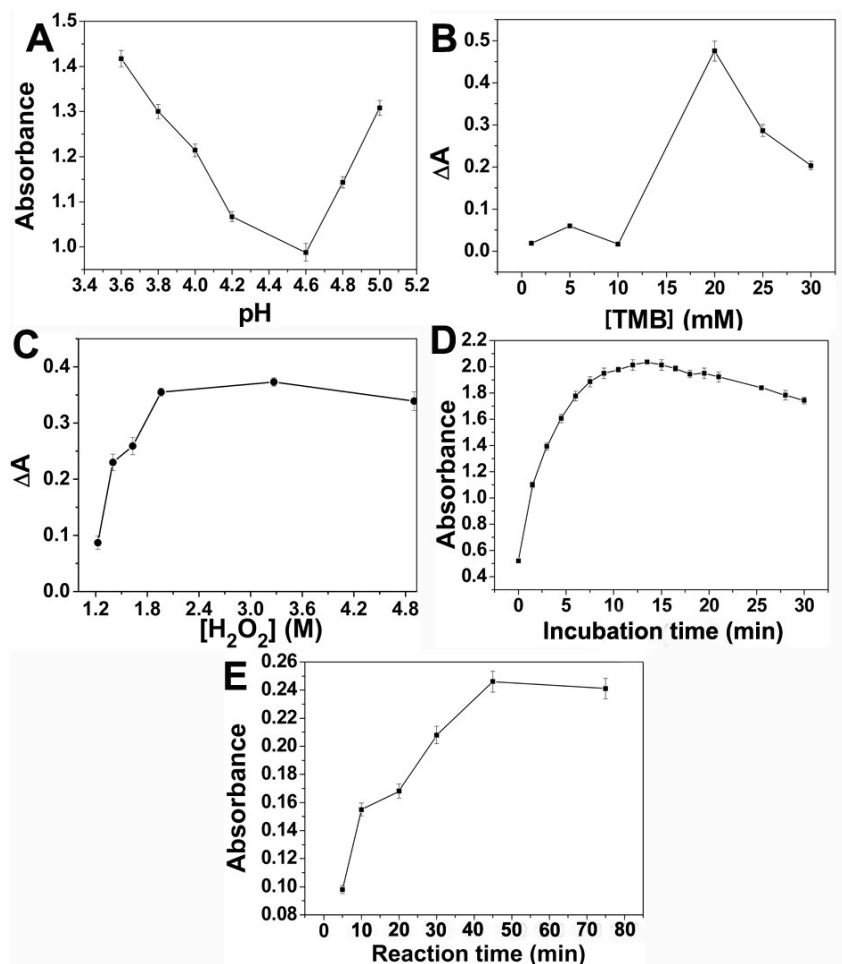


Fig. S1 Effects of (A) pH, (B) TMB concentration, (C) H_2O_2 concentration, (D) reaction time between TMB and H_2O_2 , and (E) incubation time of Hg^{2+} on the peroxidase-like activity of AuNCs. Error bar represents the standard deviation ($n=3$). Experimental conditions: TMB concentration: 20 mM, H_2O_2 concentration: 1.96 M, Hg^{2+} concentration: 1 μM , pH=4.6.