

Supporting Information

Based on Unmodified Aptamer-Gold Nanoparticles Colorimetric Detection of Dexamethasone in Food

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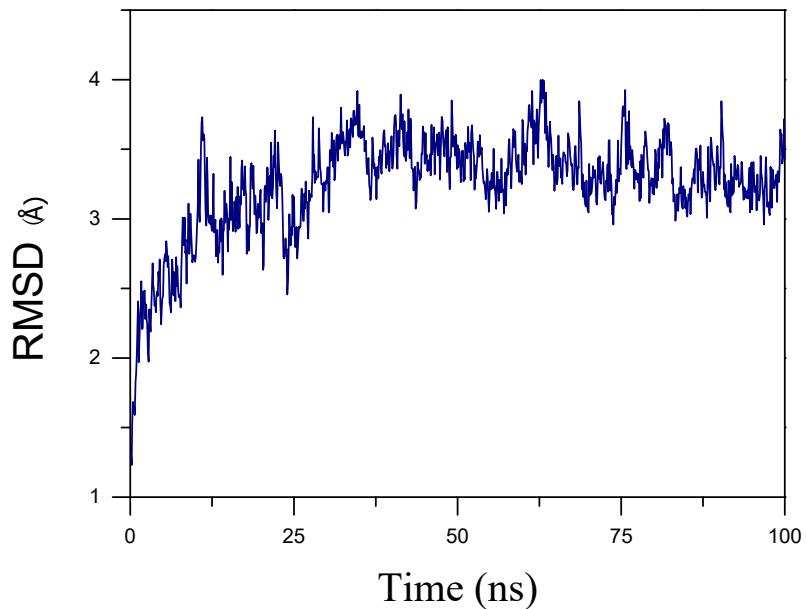


Figure S1. The RMSD plot during molecular dynamics simulations of aptamer with DEX.

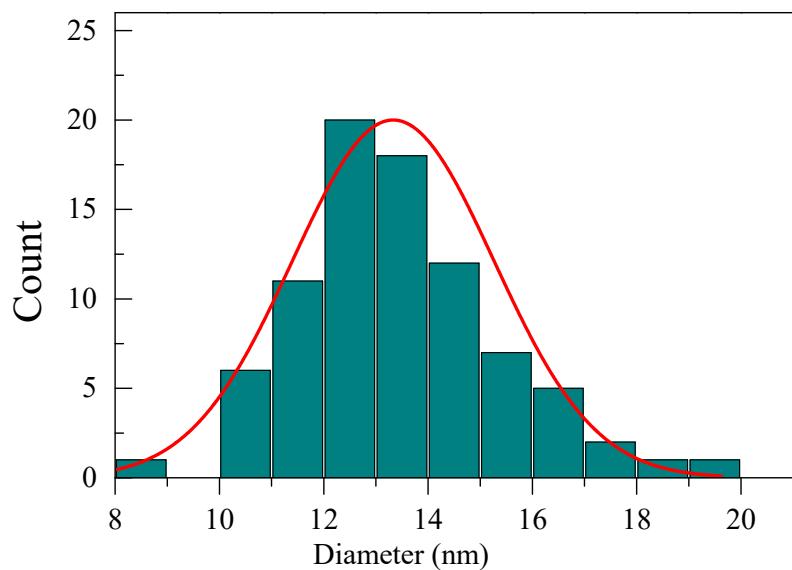


Figure S2. Size distribution of 100 Au NPs with an average diameter of 13nm.

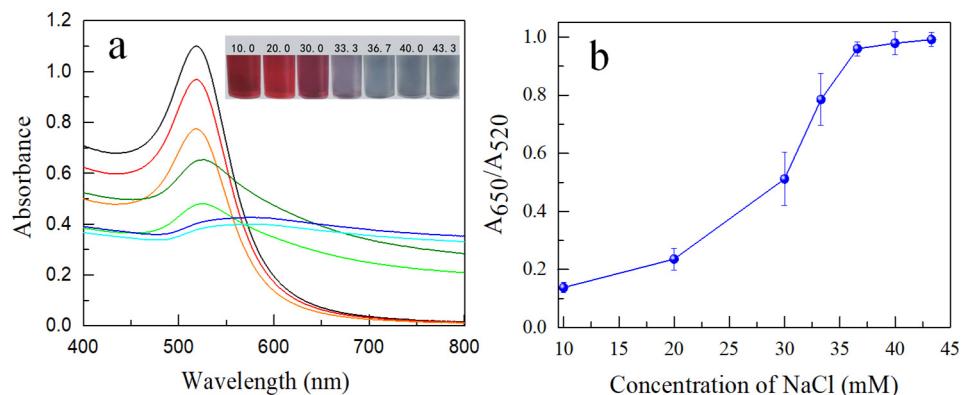


Figure S3. Effect of NaCl concentration on spectra (a) and absorbance ratio (b) of the AuNPs in the sensing system. The AuNPs volume was 300 μ L.

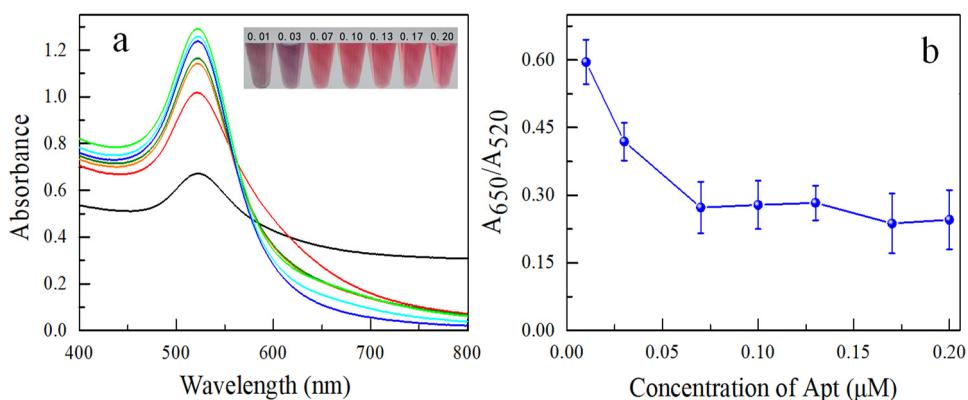


Figure S4. In the absence of DEX, the effect of aptamer concentration on spectra (a) and absorbance ratio (b). The AuNPs volume was 300 μ L and the NaCl concentration was 36.7 mM.

