Electronic supplementary information

A gold nanoparticle-based label free colorimetric aptasensor for adenosine deaminase detection and inhibition assay

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Figure S1

Fig. S1 UV-vis absorption spectra of ~13 nm AuNPs.
**Figure S2**

Fig. S2 Transmission electron microscopy image of AuNPs stabilized by citrate.
Figure S3

Fig. S3 Characterization of surface zeta potential of AuNPs.
Fig. S4 The dynamic process of AuNPs system after addition of NaCl solution.
Fig. S5 Absorption spectra of AuNPs system in different concentration of NaCl solution.
Fig. S6 The relation between $A_{700}/A_{522}$ of the AuNPs system and the concentration of NaCl solution.
Fig. S7 Absorption spectra of AuNPs system in different concentration of AD aptamer solution.
Fig. S8 The relation between $A_{522}/A_{700}$ of the AuNPs system and the concentration of AD aptamer.
Fig. S9 The relation between $A_{700}/A_{522}$ of the AuNPs system and the concentration of AD.