

Supporting Information

Sensitive and selective detection of cysteine using gold nanoparticles as colorimetric probes

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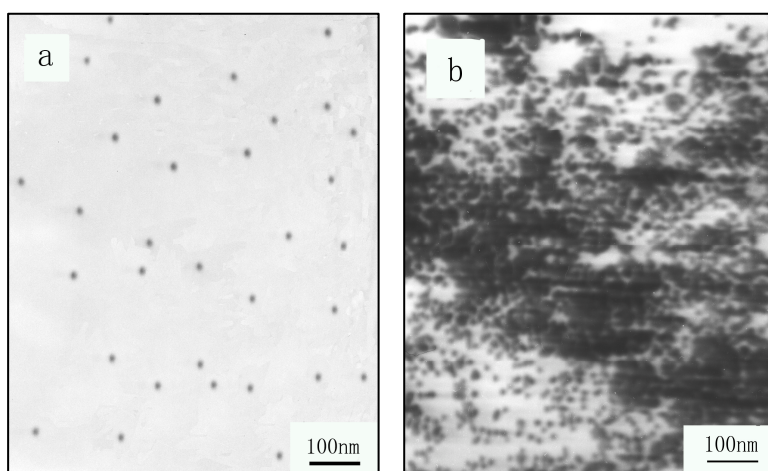


Figure S1. TEM images of (a) AuNPs (~13 nm), (b) 350 μL AuNPs + 50 μL Cys (1×10^{-5} M) + 50 μL Cu^{2+} + 50 μL H_2O

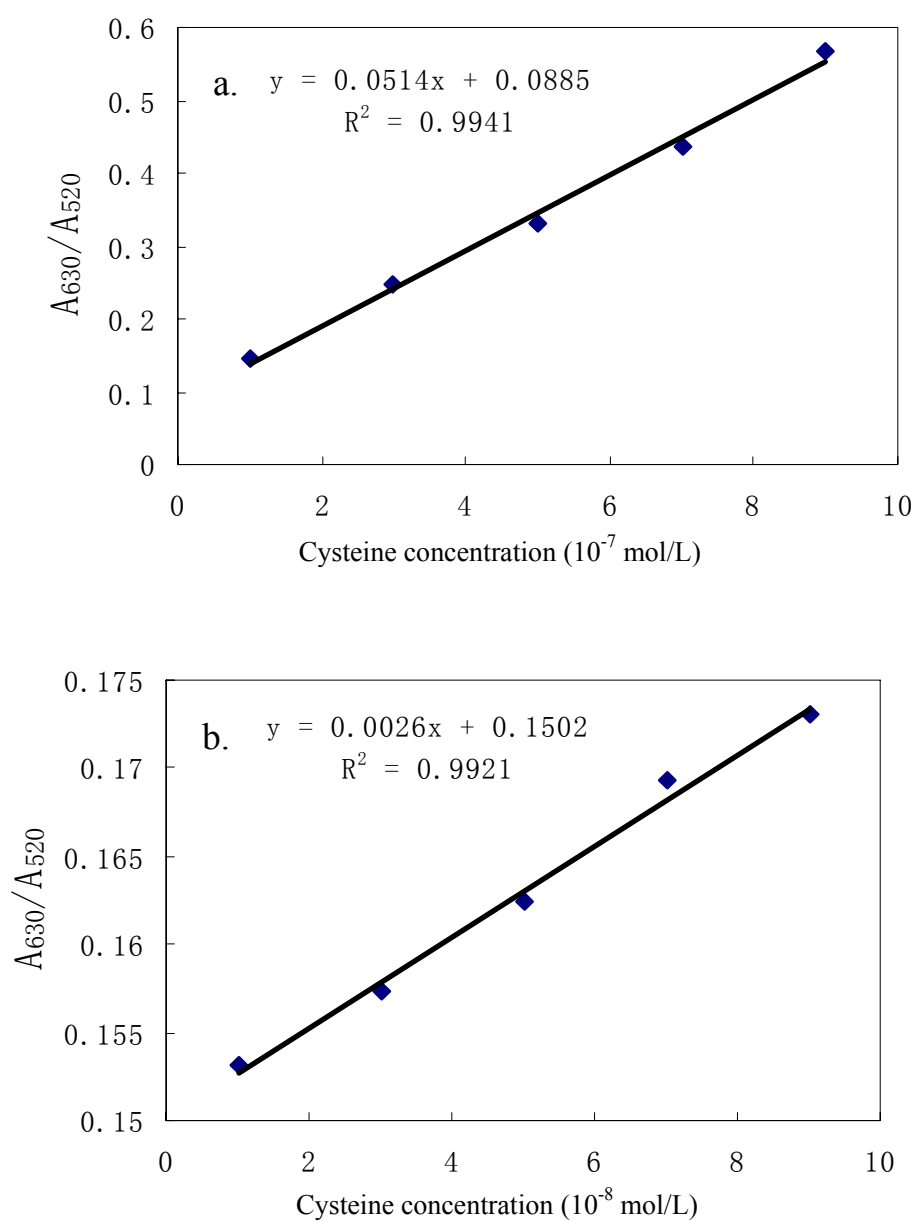


Figure S2. Plots of the absorption ratio (A_{630}/A_{520}) vs. cysteine concentration. (y is the absorption ratio (A_{670}/A_{520}), x is the concentration of cysteine, and R is the correlation coefficient)