

Electronic supplementary information (ESI)

Ultrasensitive detection of 17 β -estradiol using gold nanoparticle-based fluorescence immunoassay

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Fig. S1 (a) The UV-vis spectra of unmodified gold nanoparticles. (b) The UV-vis spectra of DC-AuNPs.

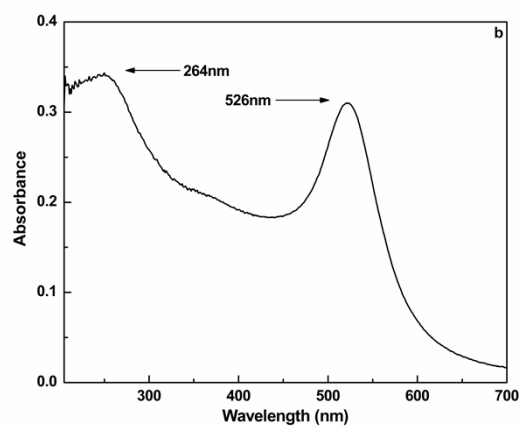
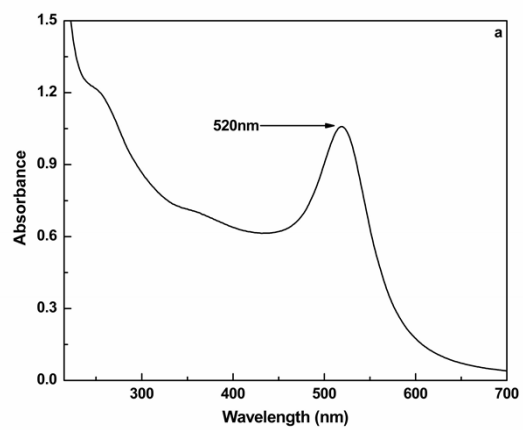


Fig. S2 (a) The curves of DC-AuNPs at different quantity of goat anti-rabbit antibody and ss-DNA. (b) The volume of ss-DNA ($50 \mu\text{mol L}^{-1}$).

