

Sensitive fluorescent detection of Fibrin based on the inner filter effect of gold Nanoparticles

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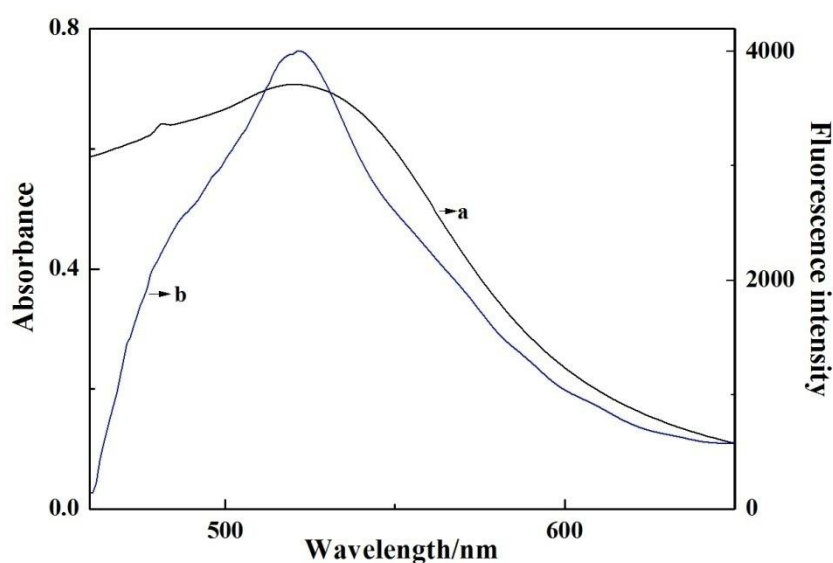


Fig. S1 Absorption spectrum (a) of AuNPs and fluorescence emission spectra (b) of FAM. Experimental conditions: AuNPs, 11.3 nM; FAM, 1 μ M, ex = 485 nm.

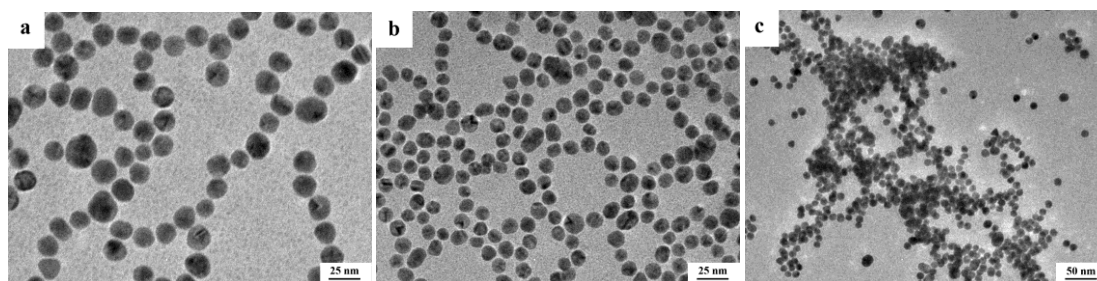


Fig. S2 TEM images of AuNPs (a), AuNPs+Fib (b), and AuNPs+Fibrin (c)

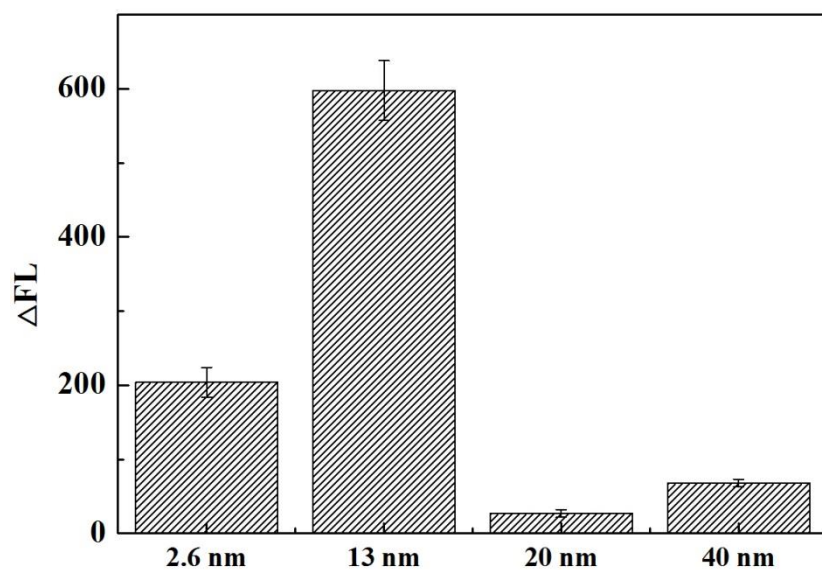


Fig. S3 The effect of AuNPs with different size on the IFE-based fluorescence assay. Experimental conditions: FAM 1 μ M, Fib 3 nM ; Fibrin 3 nM

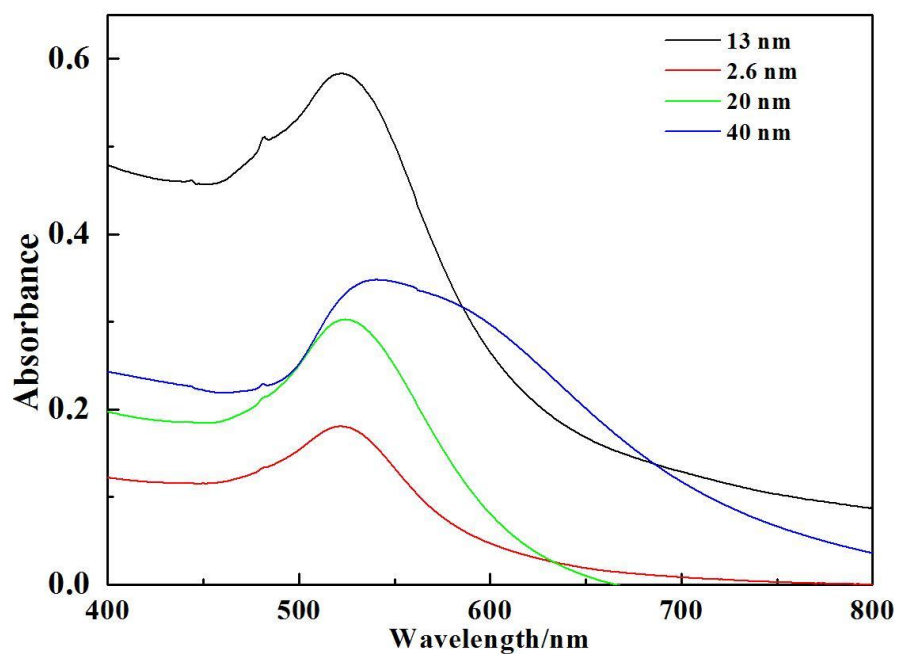


Fig. S4 Absorption spectrum (a) of AuNPs with different diameter.

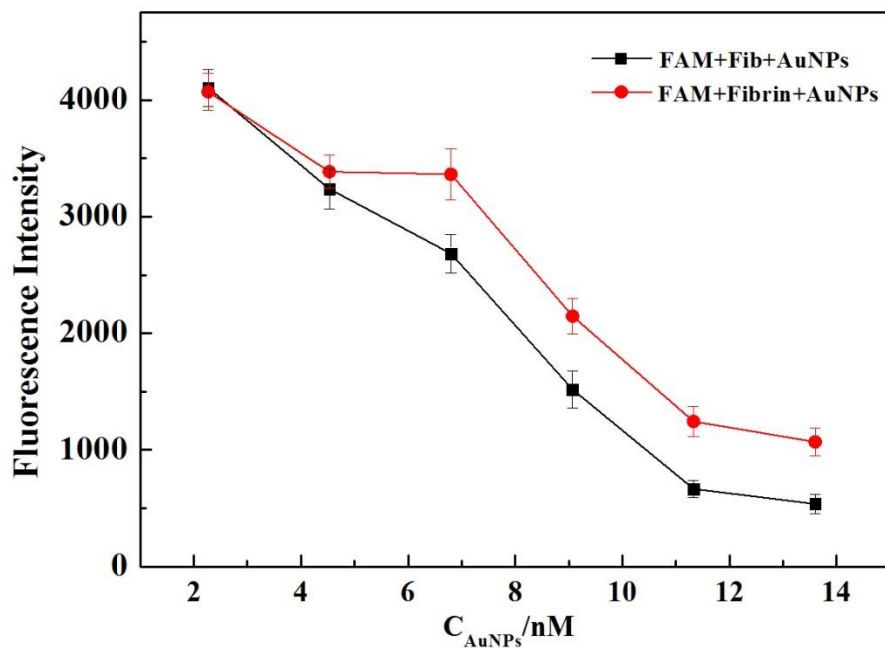


Fig. S5 The effect of AuNPs concentration on the IFE-based fluorescence assay. Experimental conditions: FAM 1 μM , Fib 3 nM, Fibrin 3 nM

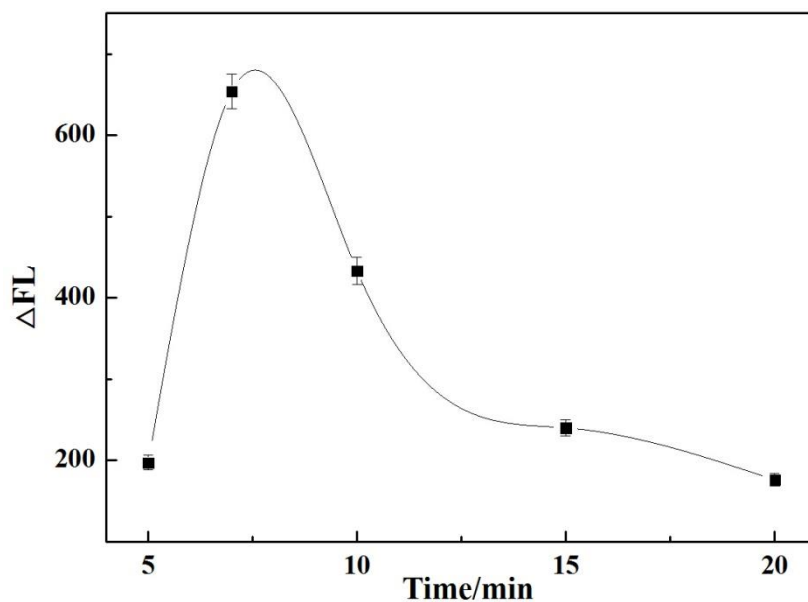


Fig. S6 The effect of incubation time of AuNPs–fibrin on the IFE-based fluorescence assay. Experimental conditions: FAM 1 μM , Fib 3 nM; Fibrin 3 nM

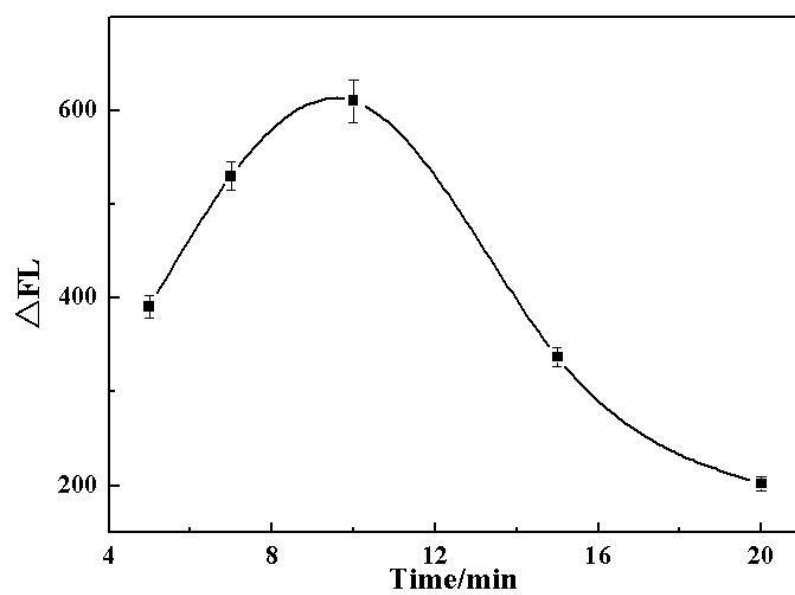


Fig. S7 The effect of incubation time of AuNPs–FAM on the IFE-based fluorescence assay. Experimental conditions: FAM 1 μ M, Fib 3 nM; Fibrin 3 nM