

Supplementary Material

A sensitive fluorescence method for the detection of streptavidin based on target-induced DNA machine amplification

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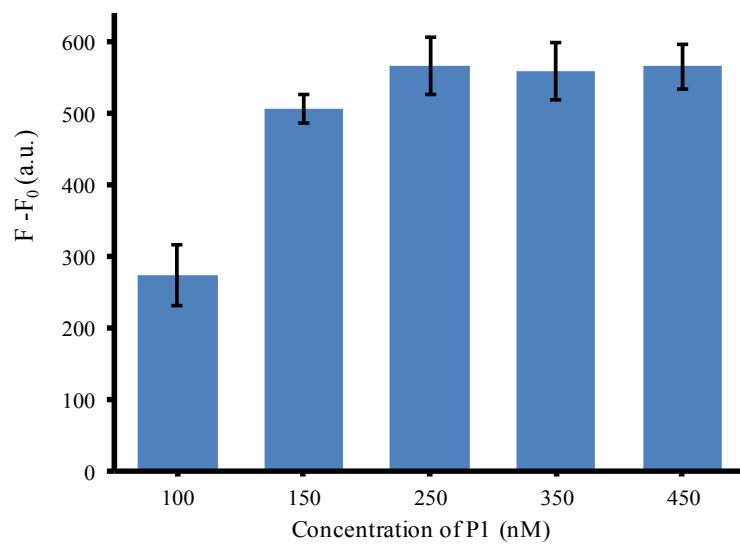


Fig. S1 Optimization of the concentration of P1 probe (100, 150, 250, 350, 400 nM). Error bars were estimated from three replicate measurements.

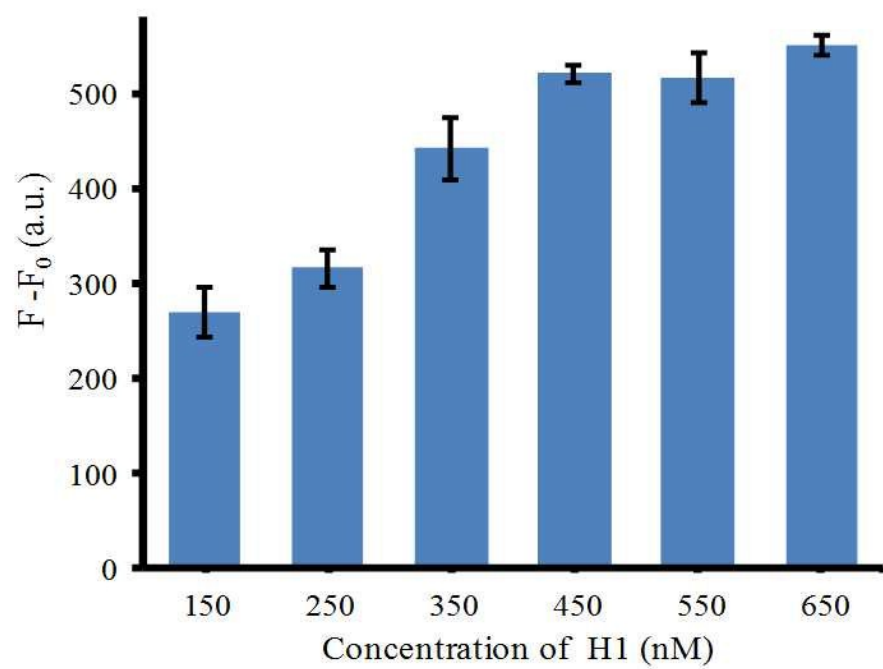


Fig. S2 Optimization of the concentration of H1 (150, 250, 350, 450, 500, 650 nM). Error bars were estimated from three replicate measurements.

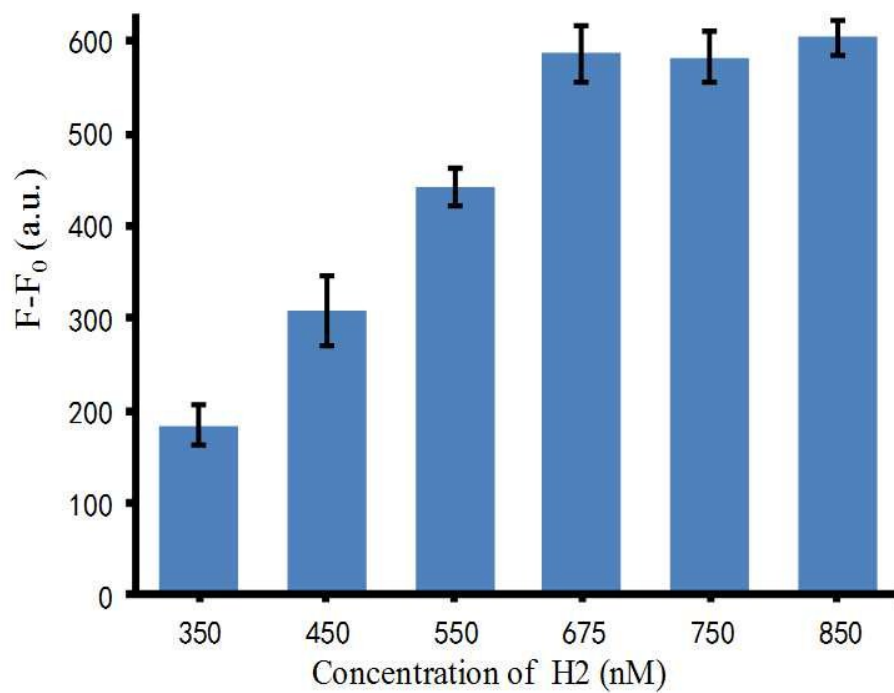


Fig. S3 Optimization of the concentration of H₂ (350, 450, 550, 675, 750, 850 nM). Error bars were estimated from three replicate measurements.

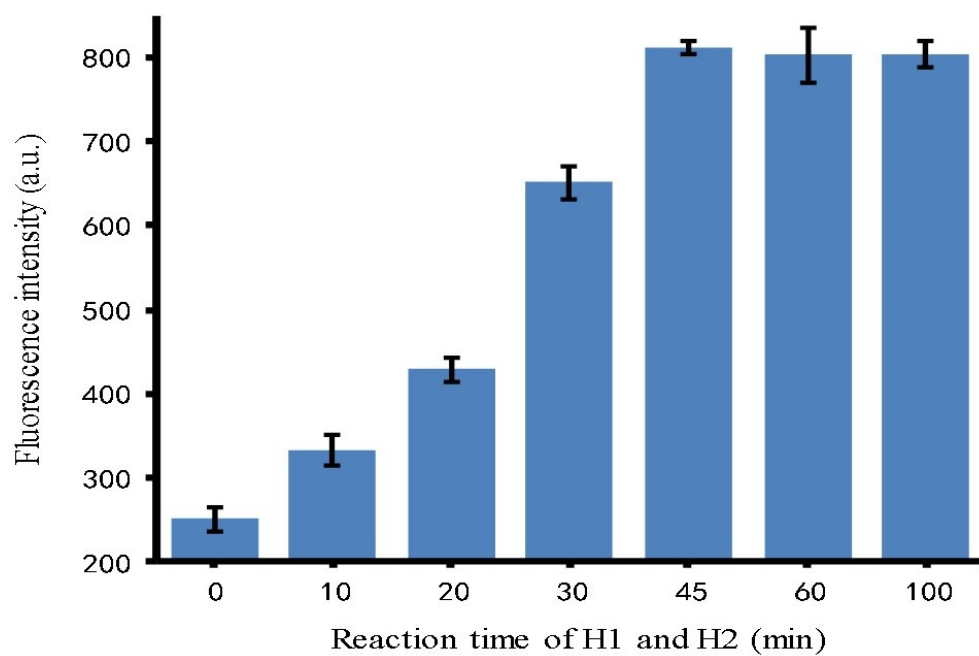


Fig. S4 Optimization of the H1 and H2 reaction time (0, 10, 20, 30, 45, 60, 100 min). Error bars were estimated from three replicate measurements.

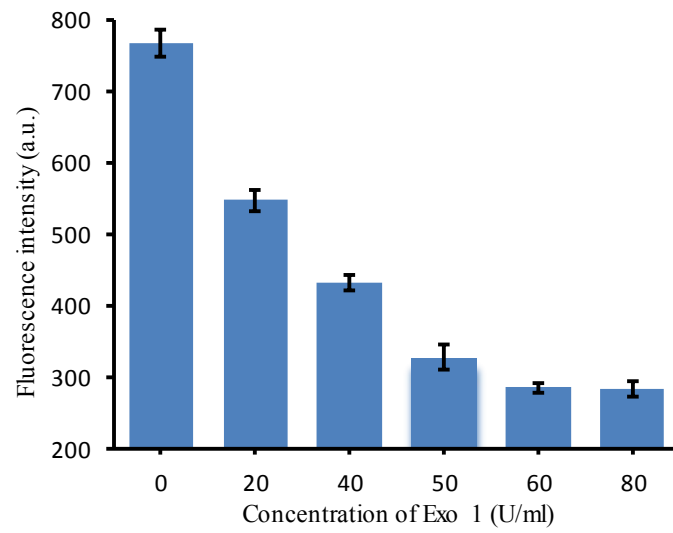


Fig. S5 Optimization of the concentration of Exo 1 (0, 20, 40, 50, 60, 80 U/mL). Error bars were estimated from three replicate measurements.

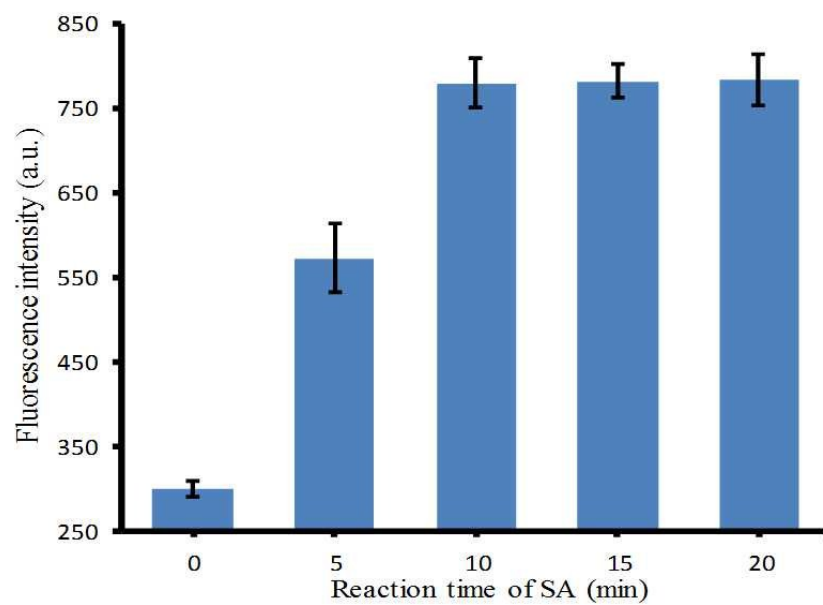


Fig. S6 Optimization of the SA reaction time (0, 5, 10, 15, 20 min). Error bars were estimated from three replicate measurements.

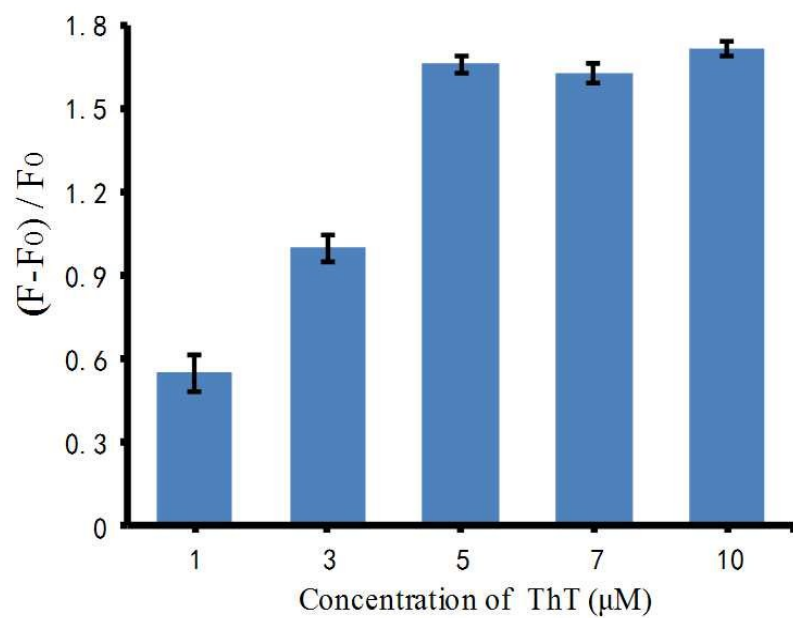


Fig. S7 Optimization of the concentration of ThT (1, 3, 5, 7, 10 μM). Error bars were estimated from three replicate measurements.