

Supporting Information for

G-quadruplex-based colorimetric assay of S1 nuclease activity and inhibition

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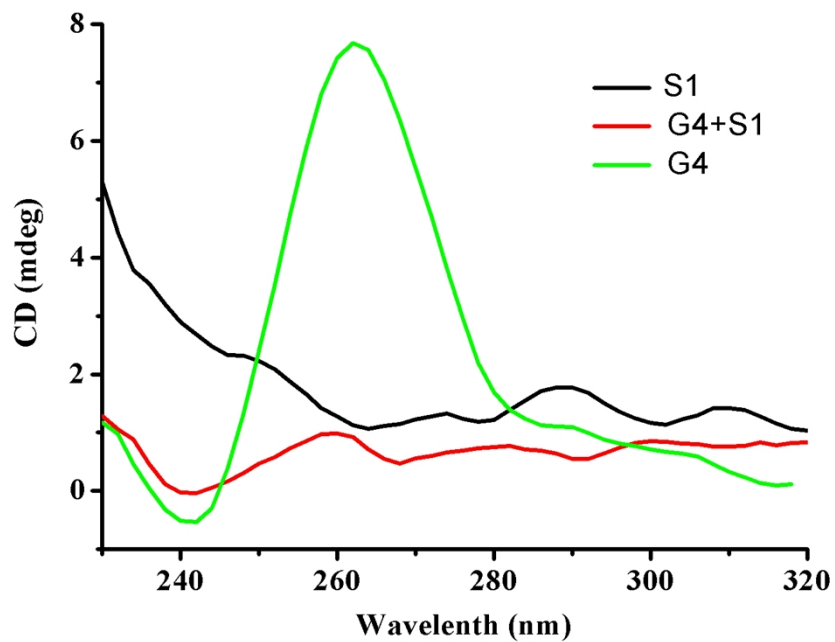


Figure S1. The CD spectra of the system: (1) S1 nuclease (black curve); (2) G-riched DNA+S1 nuclease (red curve); (3) G-riched DNA (green curve).

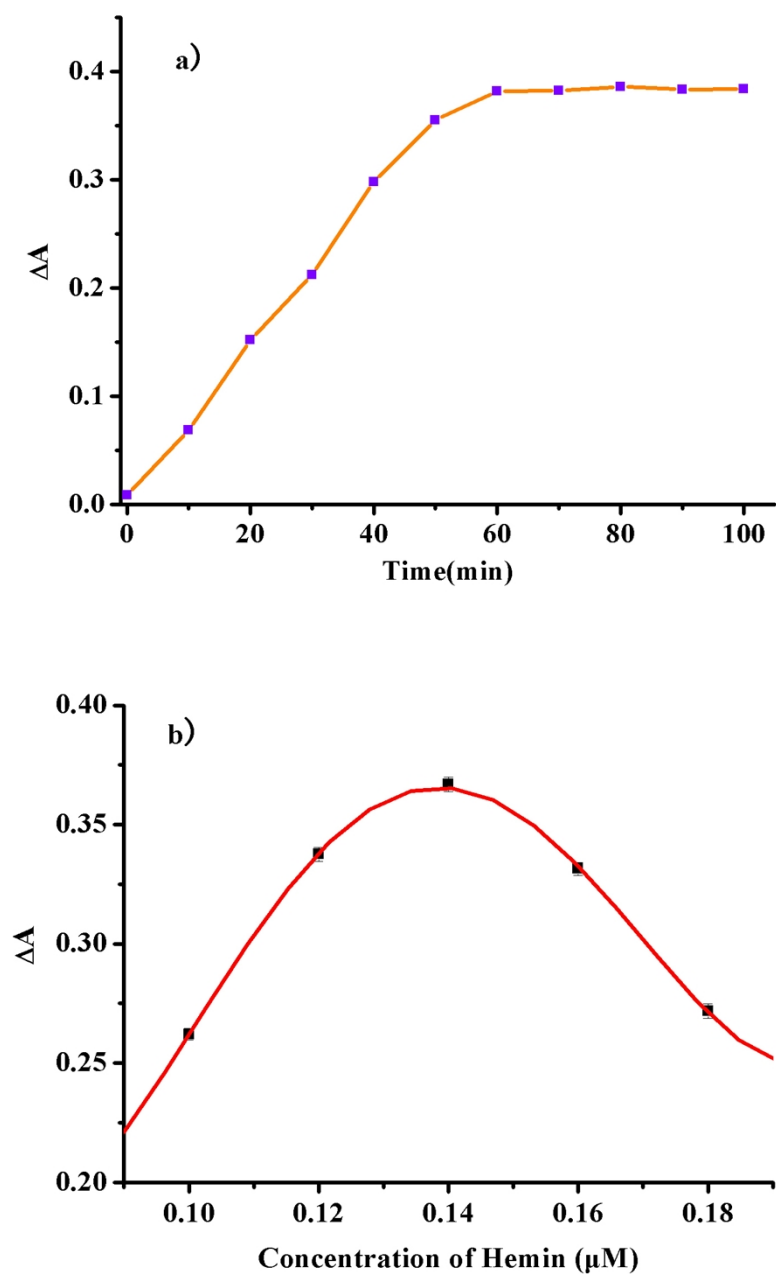


Figure S2. a) Effect of the reaction time on relative absorbance; b) effect of the concentration of hemin on relative absorbance. The concentrations of G-riched DNA, S1 nuclease, hemin, H_2O_2 and ABTS were 0.1 μM , 5.0 $\text{U}\cdot\text{mL}^{-1}$, 0.14 μM , 2.0 mM and 2.0 mM, respectively.