

Supporting Information

**Label-free fluorescent detection of thrombin using
G-quadruplex-based DNzyme as sensing platform**

Yuanfu Zhang, Baoxin Li* and Yan Jin

*Key Laboratory of Analytical Chemistry for Life Science of Shaanxi Province, School of Chemistry
and Materials Science, Shaanxi Normal University, Xi'an 710062, PR China*

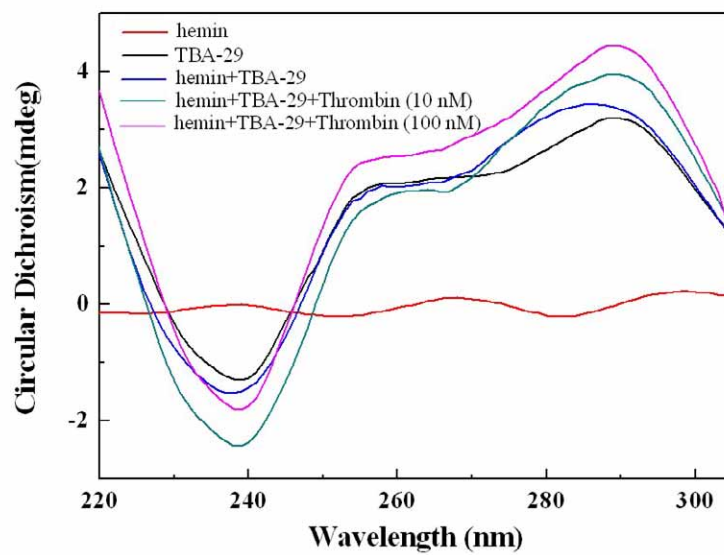


Figure S1

Figure S1. CD spectra of this system in the absence and presence of thrombin. Experimental conditions: hemin 10 μ M, 29-mer TBA 10 μ M

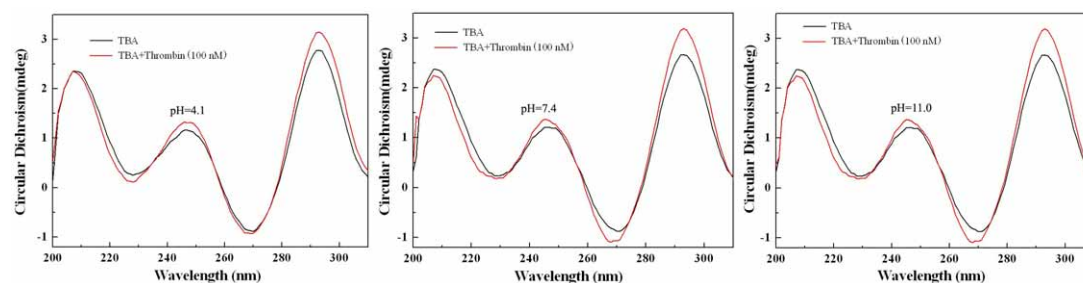


Figure S2. Effect of the pH on the CD spectra of thrombin-TBA in the absence and presence of thrombin (100 nM). Experimental conditions: TBA 10 μ M (Tris-HCl buffer, 20 mM KCl, 200 mM NaCl); 5 minutes.