

Supporting Information

Aptamer-based fluorometric determination of chloramphenicol by controlling the activity of hemin as peroxidase mimetic

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Supporting Tables

Table S1 Detailed information of DNA sequences

Name	Detailed sequence information (from 5' to 3')
Probe 1	5'-ACTTCAGTGAGTTGTCCCACGGTCGGCGAGTCGGTGGTAG-hemin-3';
Probe 2	5'-hemin-CTACCACCGACTCGC-3'

The underlined bases of Probe 1 are complementary sequences to Probe 2.

Supporting Figures

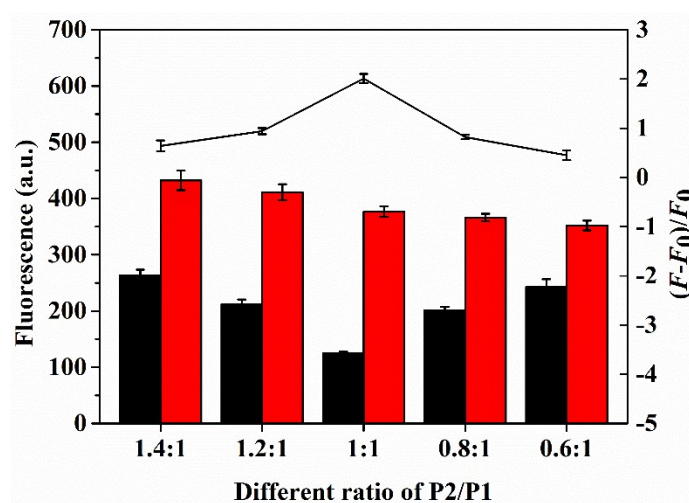


Figure S1. Effects of different ratio of P2/P1 for CAP (100 ng mL⁻¹) detection. Black bars and red bars represent the fluorescence signal of system in the absence and in the presence of CAP, respectively.

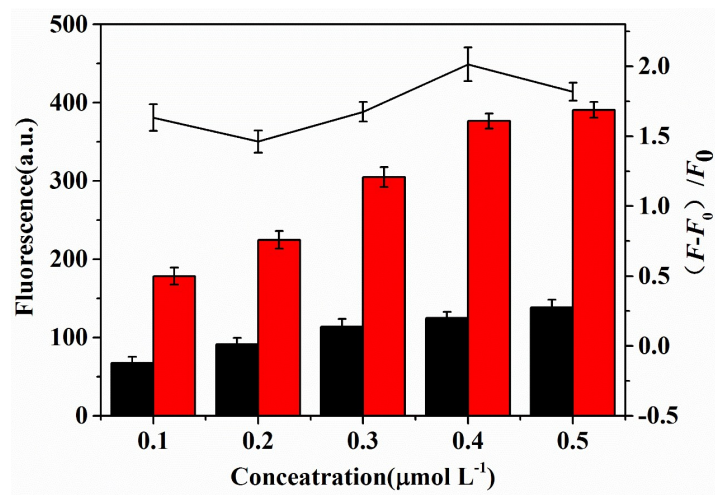


Figure S2. Effects of the concentrations of double strand probe for detection of 100 ng mL^{-1} target CAP. Different concentrations of double strand probe were used (0.1, 0.2, 0.3, 0.4 and $0.5 \mu\text{M}$).

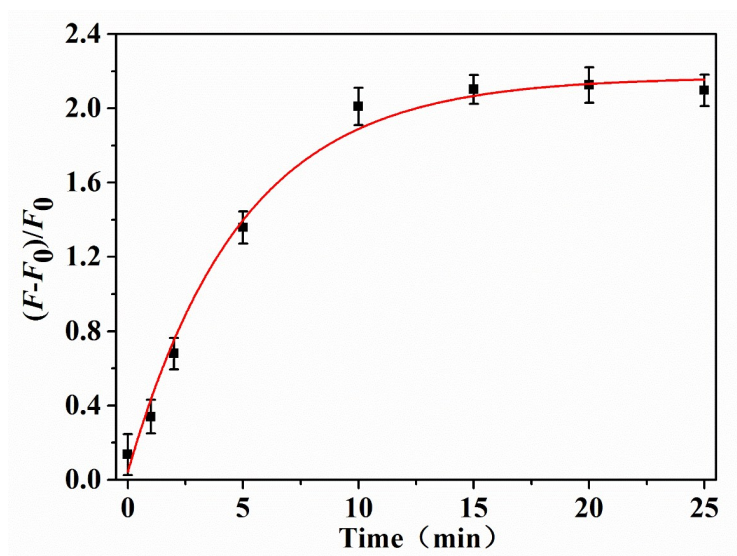


Figure S3. The time-dependent fluorescence changes of double strand probe for detection of 100 ng mL^{-1} target CAP.

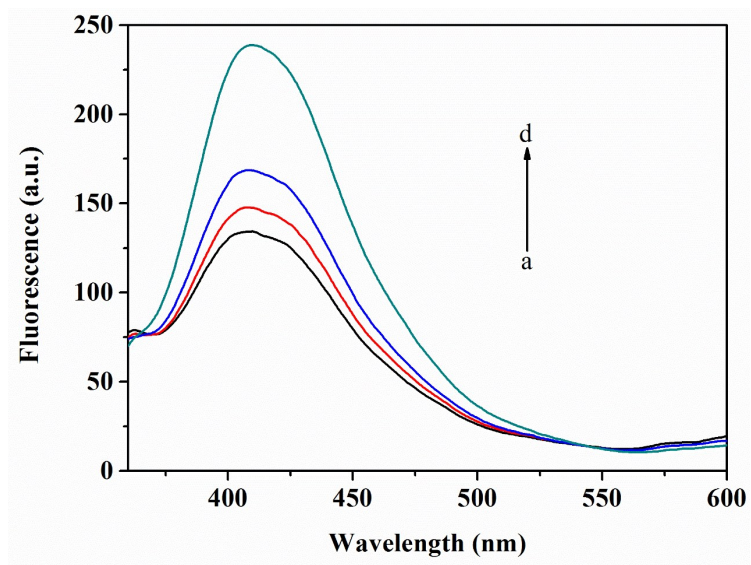


Figure S4. Fluorescence emission spectra of the assay for target CAP (0, 0.1, 1, 5 ng mL⁻¹) in diluted honey samples.