SUPPLEMENTARY INFORMATION

Digoxin detection for therapeutic drug monitoring using target-triggered aptamer hairpin switch and nicking enzyme-assisted signal amplification

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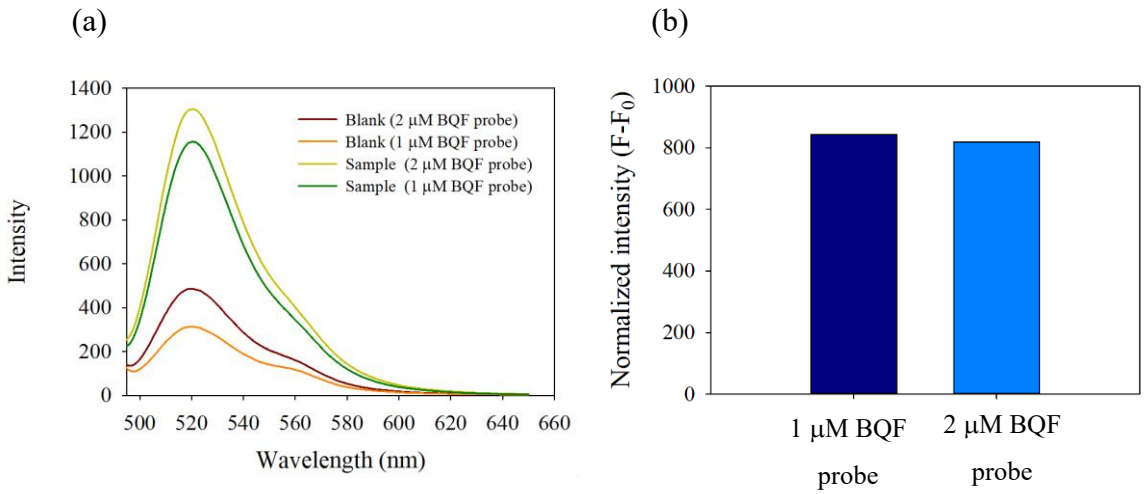

Fig. S1 (a) Fluorescence spectra (b) Normalized intensities of different concentrations of BQF probe in the fluorescent aptasensor. Concentration of nicking enzyme: 5 U, Digoxin: 10 ng mL^{-1}. Hairpin binding reaction were performed for 30 min at 25℃ in 10 mM Tris buffer containing NaCl and $MgCl_2$ (pH 7.4), signal amplification reaction were performed at 37℃ in 1×NEBuffer™ 2.