Supporting Information

Near-infrared fluorescence probe: BSA-protected gold nanoclusters for metronidazole and related nitroimidazole derivatives detection

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Fig. S1. The time-dependent fluorescence intensity changes of AuNCs@BSA (1.0 mg/mL) towards MTZ (5 mM). F_0 and F are the fluorescence intensity of AuNCs@BSA at 645 nm in absence and presence of MTZ.



Fig. S2. The fluorescence spectra of AuNCs@BSA (0.02 mg/mL) towards various concentration

of MTZ, and the detection limit (0.01 μM) is obtained.



Fig. S3. Fluorescence response of AuNCs@BSA (1.0 mg/mL) towards various concentrations of (a) dimetridazole (DMZ), (b) ronidazole (RNZ), (c) tinidazole (TNZ) and (d) ornidazole (ONZ).