

Supplementary Information

Metal-organic framework-based molecular beacons for multiplexed DNA detection by synchronous fluorescence analysis

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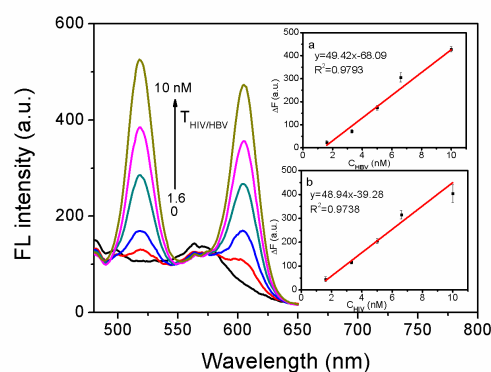


Figure S1 Fluorescence recovery of T1 and T2 in 1% culture medium (from the bottom to the top). Insert: the linear curve of determination for T_{HBV} (a) and T_{HIV} (b). The MOF-MBs sensor consists of 18 $\mu\text{g mL}^{-1}$ of MOFs and 5nM MBs for each target

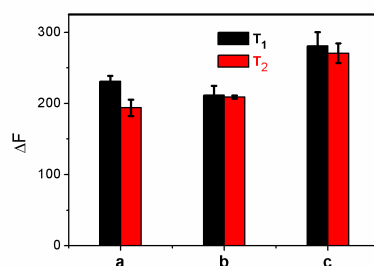


Figure S2 Fluorescence maintenance of T₁ and T₂ in presence of high concentration ss-DNA with variety proportion a 1:0, b 1:10, and c 1:100.