

ARTICLE

Aptamer-modified Sensitive Nanobiosensors for Specific Detection of Antibiotics

Supplementary Material

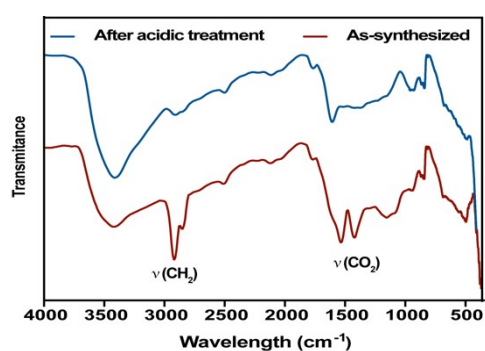


Figure S1 FTIR spectra of the CSUNPs before and after removal of oleate ligands.

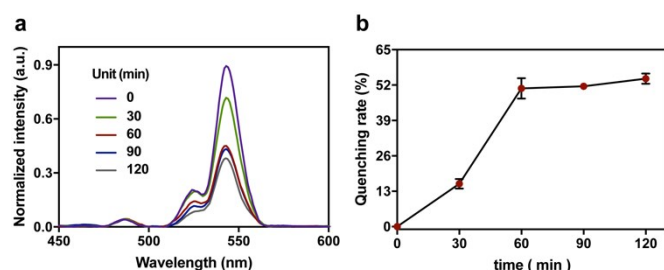


Figure S2 a) Changes in the emission spectra of aptamer-CSUNPs in the aqueous solution in the presence of GO (200 μ g/mL), showing an increase in interaction time leads to a decrease in emission intensity. b) Fluorescence quenching rate of aptamer-CSUNPs incubated with GO (200 μ g/mL) in different times. Data were presented as average \pm SD from three independent measurements.