

**Supplementary Material**

A Chemiluminescent Aptasensor for Simultaneous Detection of Three Antibiotics in Milk

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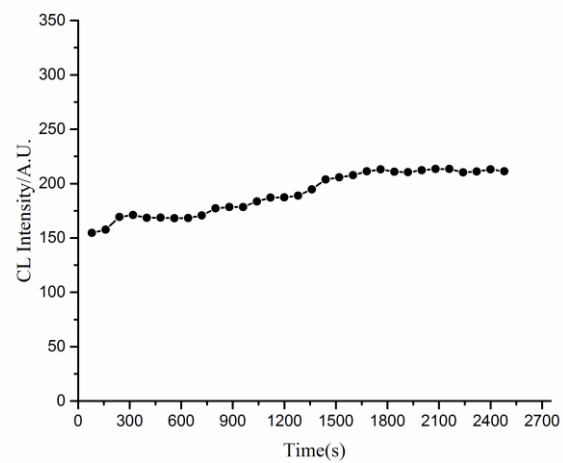


Fig. S1 CL kinetic curves for the reaction of 0.2 M H<sub>2</sub>O<sub>2</sub> and 0.05 M PIP with AuNFs in microtiter plates

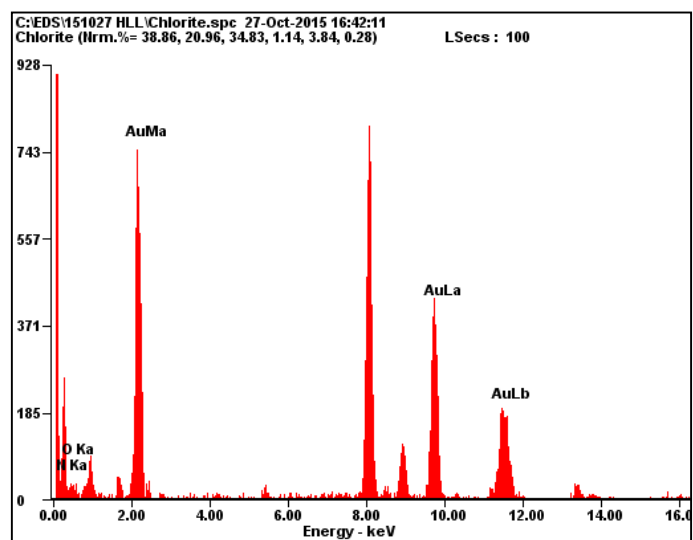


Fig. S2 EDS of the as-prepared ABEI-AuNFs

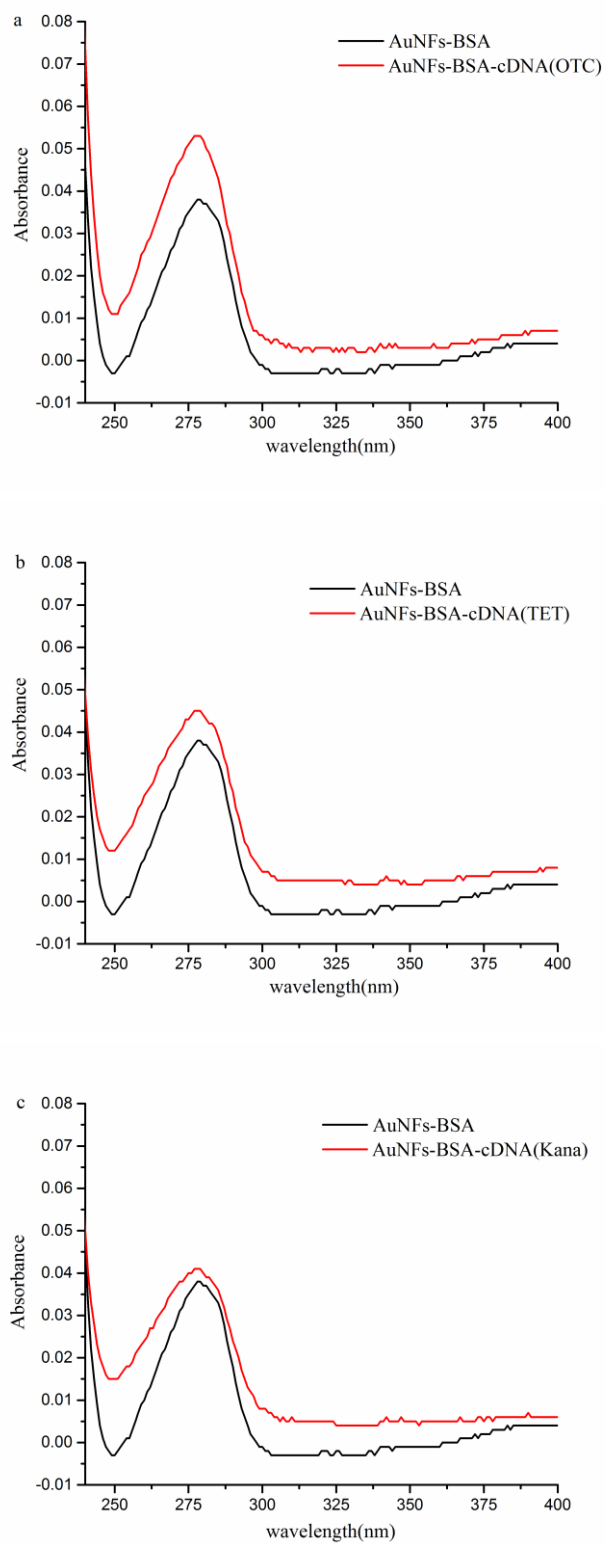


Fig. S3 UV-vis absorption spectrum before and after cDNA linked with ABEI-AuNFs-BSA: a, ABEI-AuNFs-BSA and ABEI-AuNFs-BSA-cDNA (OTC), b, ABEI-AuNFs-BSA and ABEI-AuNFs-BSA-cDNA (TET), c, ABEI-AuNFs-BSA and ABEI-AuNFs-BSA-cDNA (Kana)

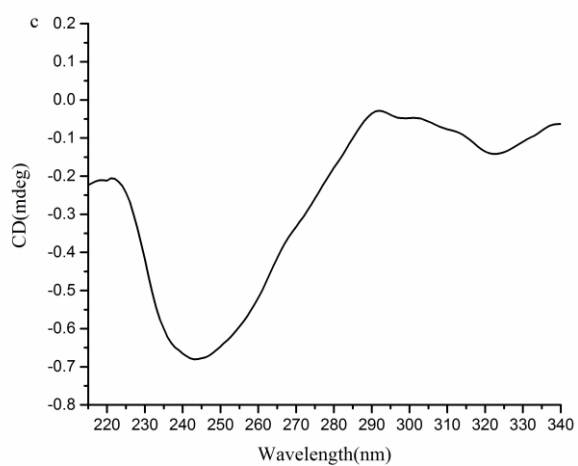
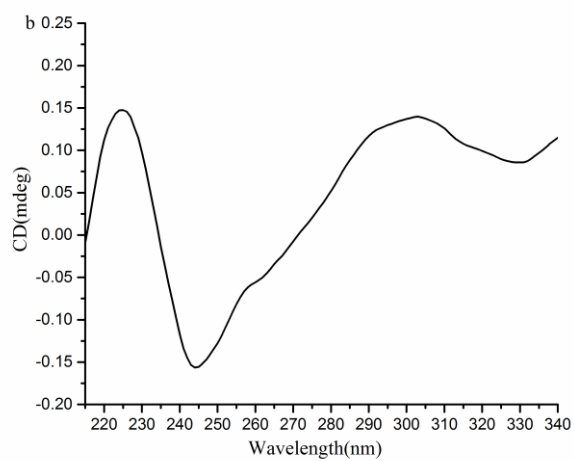
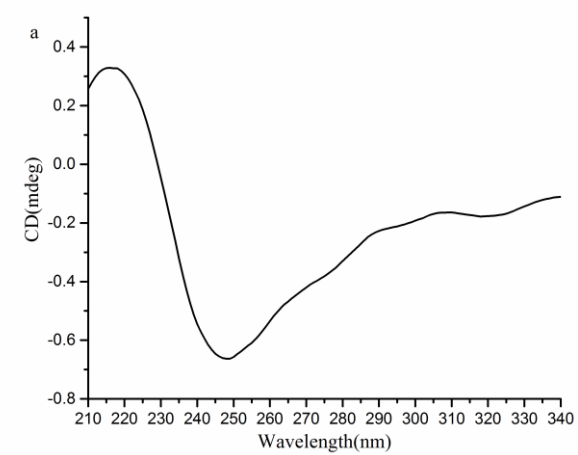


Fig. S4 CD spectroscopy of three kind of signal probes, a, ABEI-AuNFs-BSA-cDNA (OTC), b, ABEI-AuNFs-BSA-cDNA (TET), c, ABEI-AuNFs-BSA-cDNA (Kana)