

Support Information

An electrochemical sensing strategy for the detection of hepatitis B virus sequence
with homogenous hybridization based on the host-guest recognition

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This supporting information contains 3 Figures. This document contains 3 pages,
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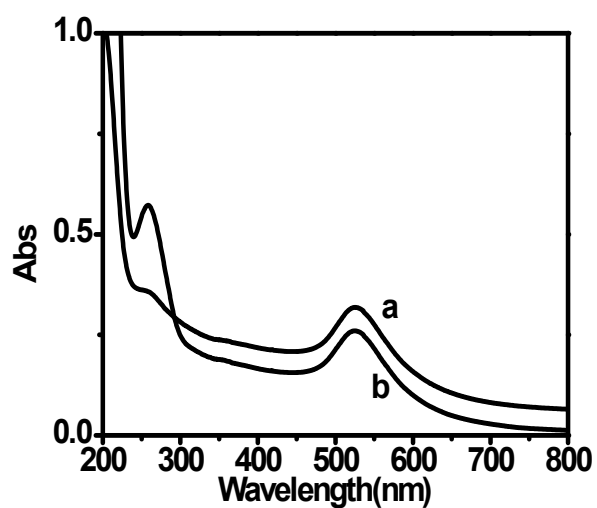


Fig.S1: The UV-vis spectra of Au nanoparticle (a) and the Au nanoparticle-labeled probe DNA (b)

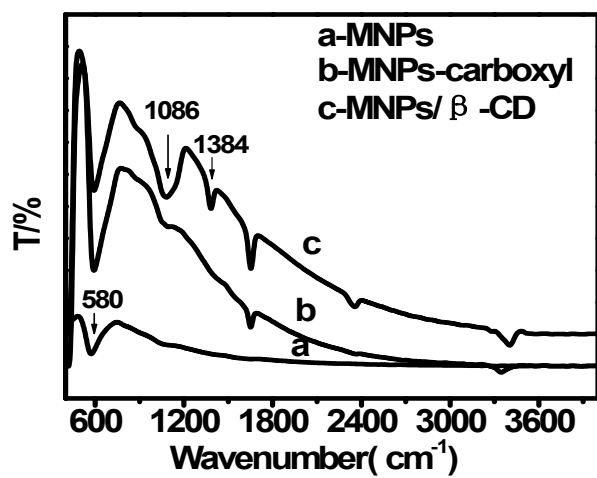


Fig.S2: FT-IR spectra of MNPs (a), MNPs- carboxyl (b) and MNPs/β-CD (c)

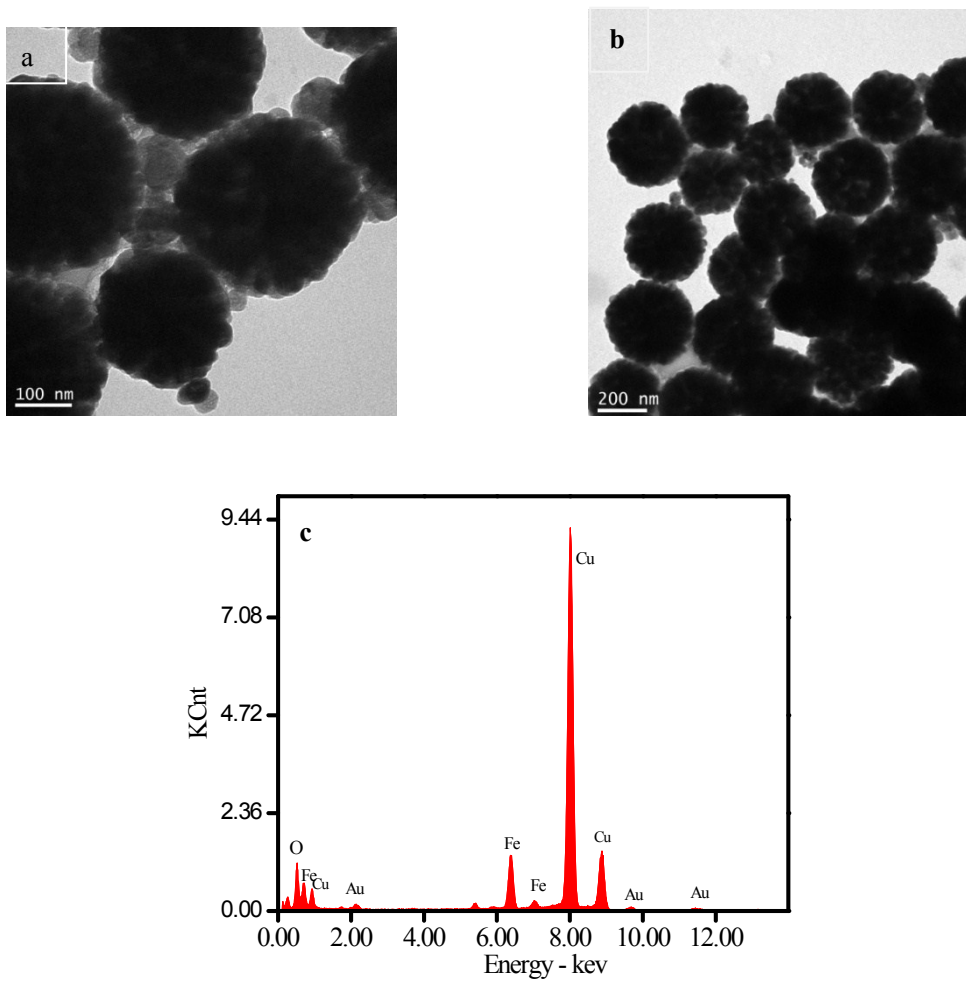


Fig. S3: TEM images of MNPs/ β -CD-target DNA-/probe DNA/Au nanoparticles conjugates (a)

scale 200 nm, (b) scale 100 nm (c) EDX analysis of the conjugate