

Supplementary Data

Detection of Epstein-Barr Virus Infection in Cancer by Using Highly Specific Nanoprobe Based on dBSA Capped CdTe Quantum Dots

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The fluorescence intensity and peak position of CdTe@dBSA with different dBSA:QD ratios, and the optical stability of CdTe@dBSA by optimal dBSA:QD ratio in 1× PBS are respectively shown in Fig S1 and S2; The fluorescent stability of CdTe@dBSA-streptavidin bioconjugate are shown in Fig S3.

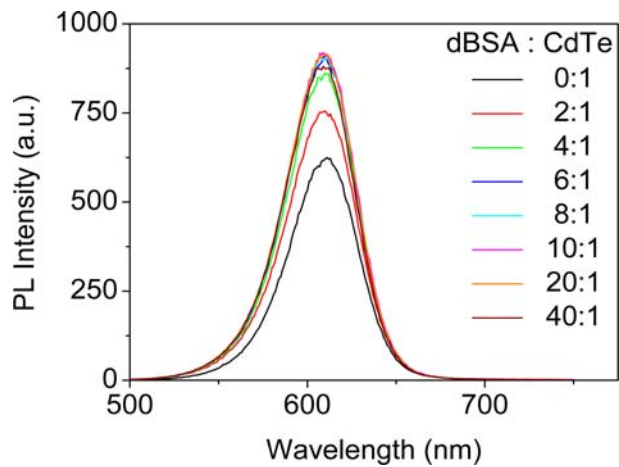


Fig. S1. The fluorescence spectra of CdTe@dBSA samples obtained by different dBSA:QD ratios.

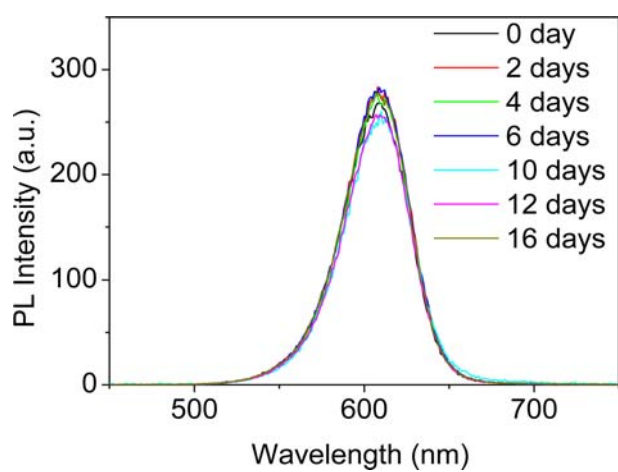


Fig. S2. The fluorescence spectra of CdTe@dBSA (by dBSA:QD at 6:1) continually recorded over 16 days.

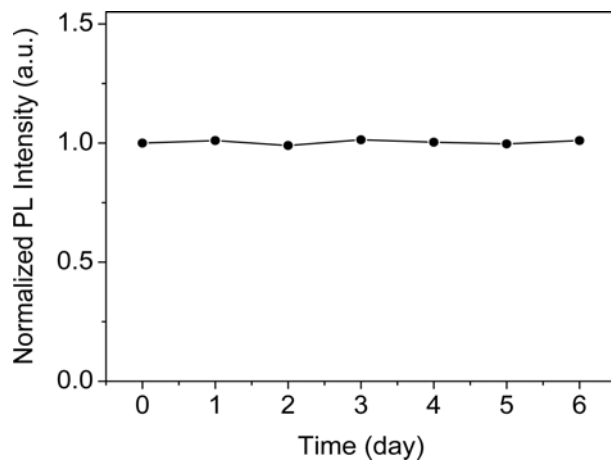


Fig. S3. Temporal evolution of fluorescence intensity of CdTe@dBSA-streptavidin over 6 days.