Scheme S1. Schematic diagram for biosensor fabrication.
Figure S1: (A) UV absorption of chitosan, CdS@CTS and CdS@MPA. (B) TEM figure of CdS@MPA (C) FTIR spectra of chitosan and CdS@CTS.
**Figure S2**: Plate counting of *P. aeruginosa* (A) and *S. aureus* (B)