

Supplementary Information

A rapid and facile signal enhancement method for microcantilever-based immunoassays using the agglomeration of ferromagnetic nanoparticles (Manuscript ID: CC-COM-04-2012-032400)

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Fig. S1. Changes in magnetic field-dependent deflection of a magnetic nanoparticles-bound microcantilever. Three consecutive approaches and retracts of a permanent magnet to the magnetic nanoparticles-bound cantilever induced almost identical deflection changes.

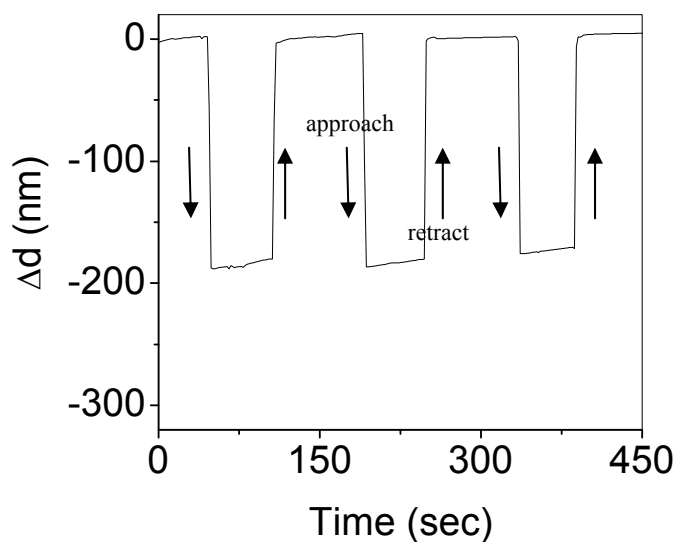


Fig. S2. Variations in the deflection of a AFP antibody-conjugated microcantilever due to the binding of 100 ng/mL AFP antigen.

