

A Label-Free Photoelectrochemical Immunosensor Based on Water-Soluble CdS Quantum Dots

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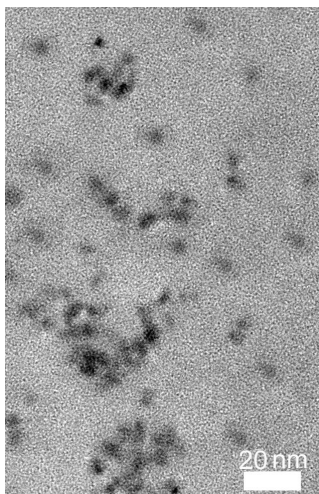


Figure S1. HRTEM image of TGA capped CdS QDs synthesized at pH=11 with Cd/S ratio of 1:1.

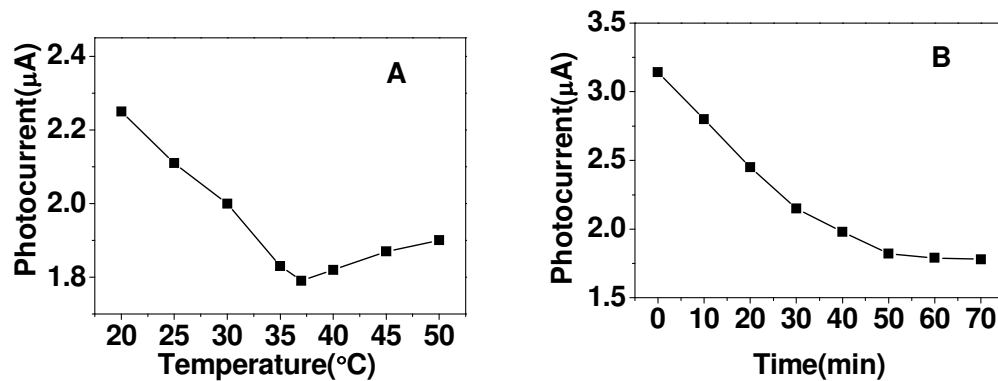


Figure S2. Effects of (A) incubation temperature and (B) incubation time on photocurrent responses of the immunosensor in the presence of 100 ng mL^{-1} antigen solution. When one condition is changed, the other condition is fixed.

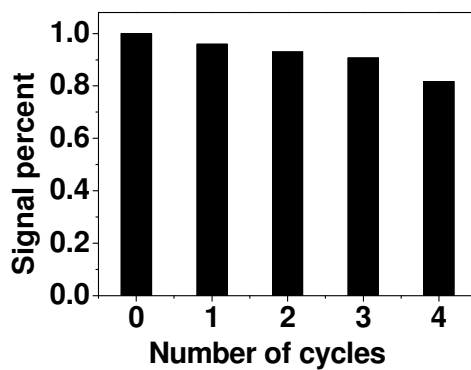


Figure S3. The effect of regeneration cycles on the response of the immunosensor. The photocurrent response was expressed as a percentage of the initial response.