

## Electronic Supplementary Material

### Amino-functionalized CdSe/ZnS Quantum Dot-based Lateral Flow Immunoassay for Sensitive Detection of Aflatoxin B1

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Fig. S1 Portable test strip reader with touch screen integrated with test strip in the test tray

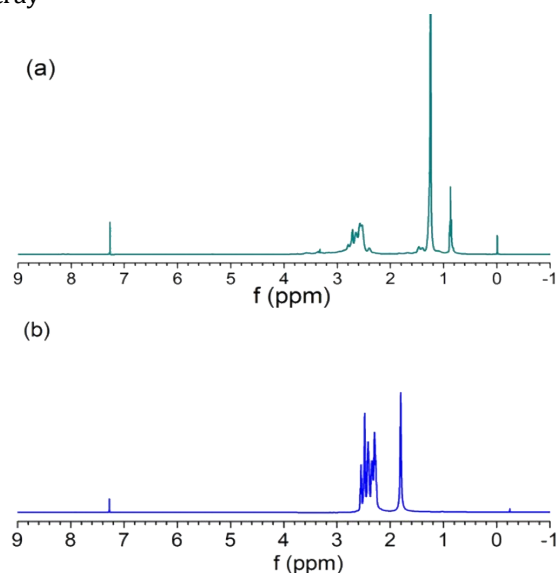


Fig. S2 <sup>1</sup>H NMR spectra of (a) PEI18C and (b) PEI in CDCl<sub>3</sub>.

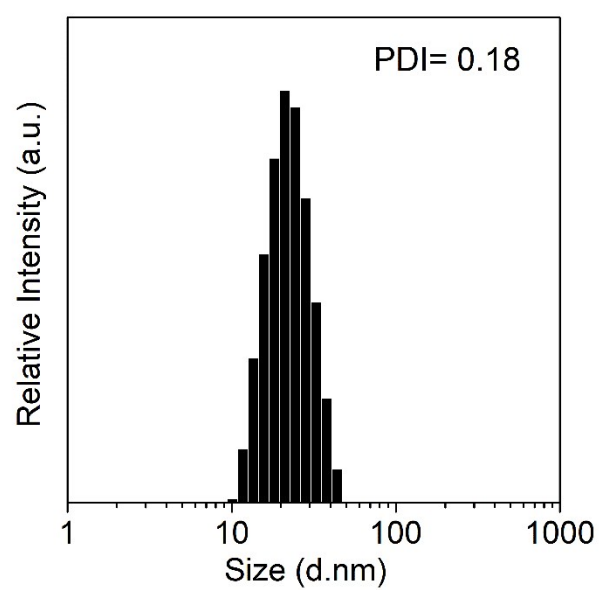


Fig. S3 DLS date of hydrophobic CdSe/ZnS QDs dissolved in CDCl<sub>3</sub>.