

Electronic Supplementary Information for

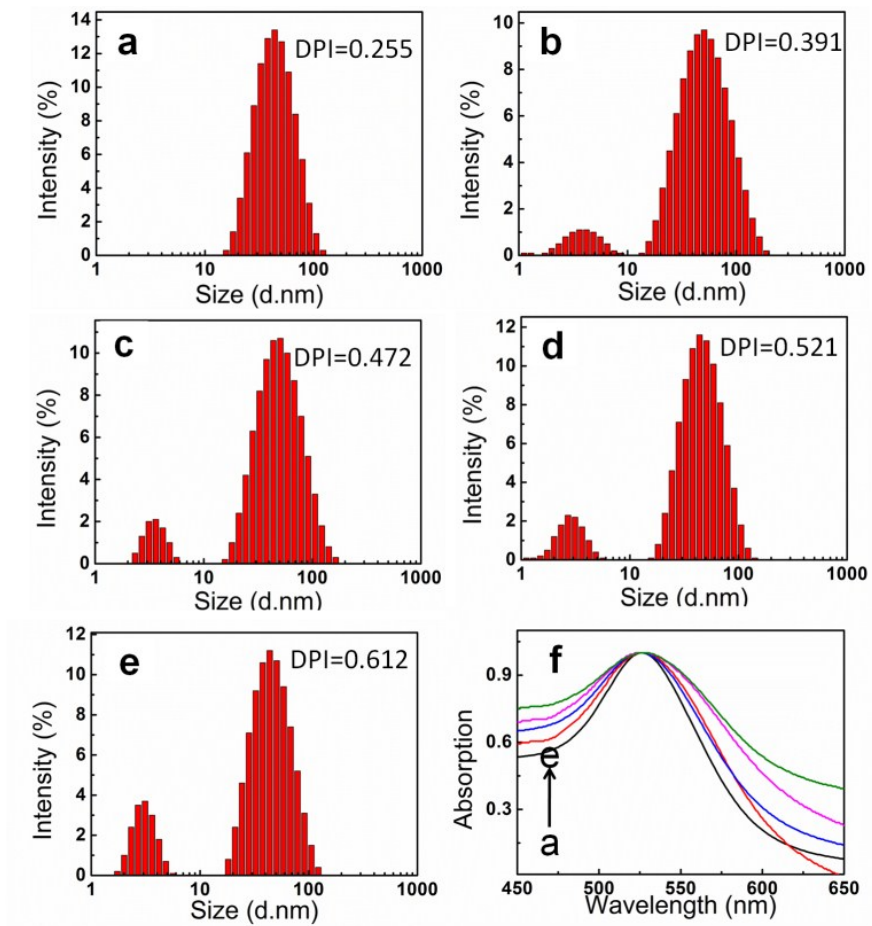
**A remarkable sensitivity enhancement in gold
nanoparticles based lateral flow immunoassay for the
detection of *Escherichia coli* O157:H7**

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S-Figure 1. Hydrodynamic diameter distribution of AuNPs with PDI (a: 0.26; b: 0.39; c: 0.47; d: 0.52; e: 0.61) and their corresponding UV-vis absorption spectra (f).