Supporting Information

Colorimetric Detection of Influenza A Virus Using Antibody-Functionalized Gold Nanoparticles

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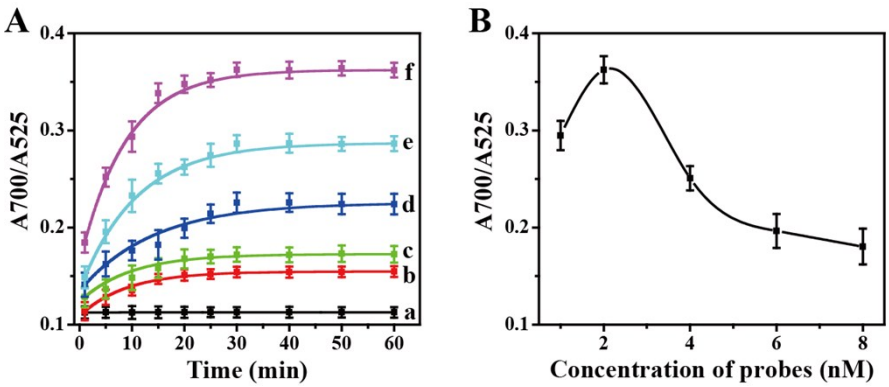

Fig. S1. (A) The absorption ratio of mAb-AuNPs bound to the H3N2 with different incubation times at different virus concentrations (0, 10, 20, 40, 60, 80 HAU from a to f in order). (B) Plots of changes in the absorption ratio (A700/A525) of probes in different concentration (1nM ~ 8nM) after the addition of virus (80 HAU in 250 μL). Error bars show the standard deviation of three experiments.

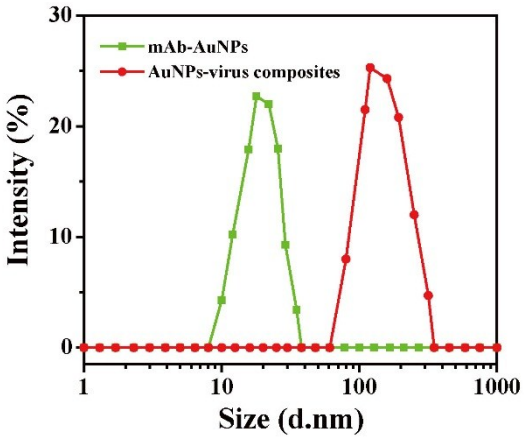

Fig. S2. The dynamic light scattering (DLS) characterization for the mAb-AuNPs and their assemblies with H3N2 IAV as a target.