Electronic Supplementary Information (ESI)

One-step-immunoassay of procalcitonin enables rapid and accurate diagnosis of bacterial infection

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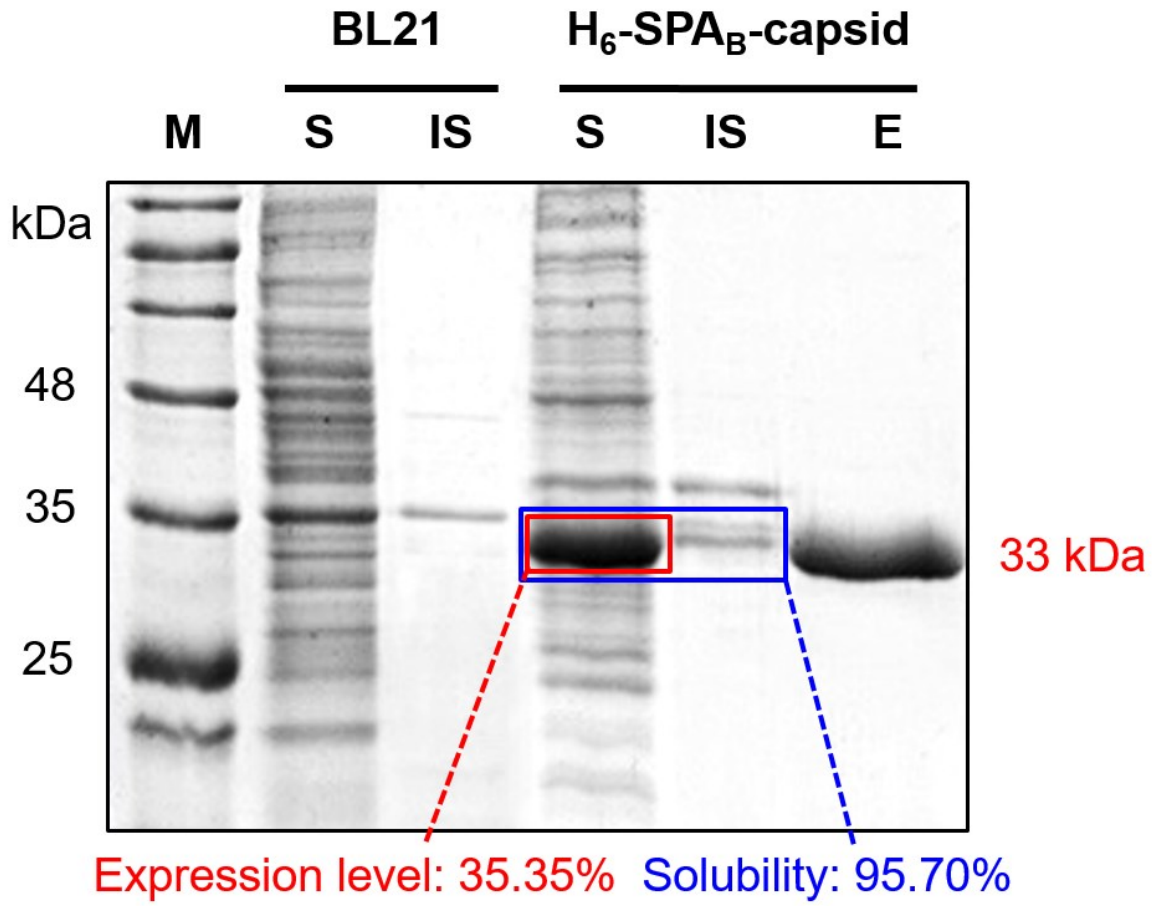

Fig. S1. Results of SDS-PAGE analyses of H_6-SPA_B-capsid. (M: gangnam protein marker, S and IS: soluble and insoluble fraction, E: purified and eluted protein, BL21: wild-type of *E.coli* strain BL21 (DE3))

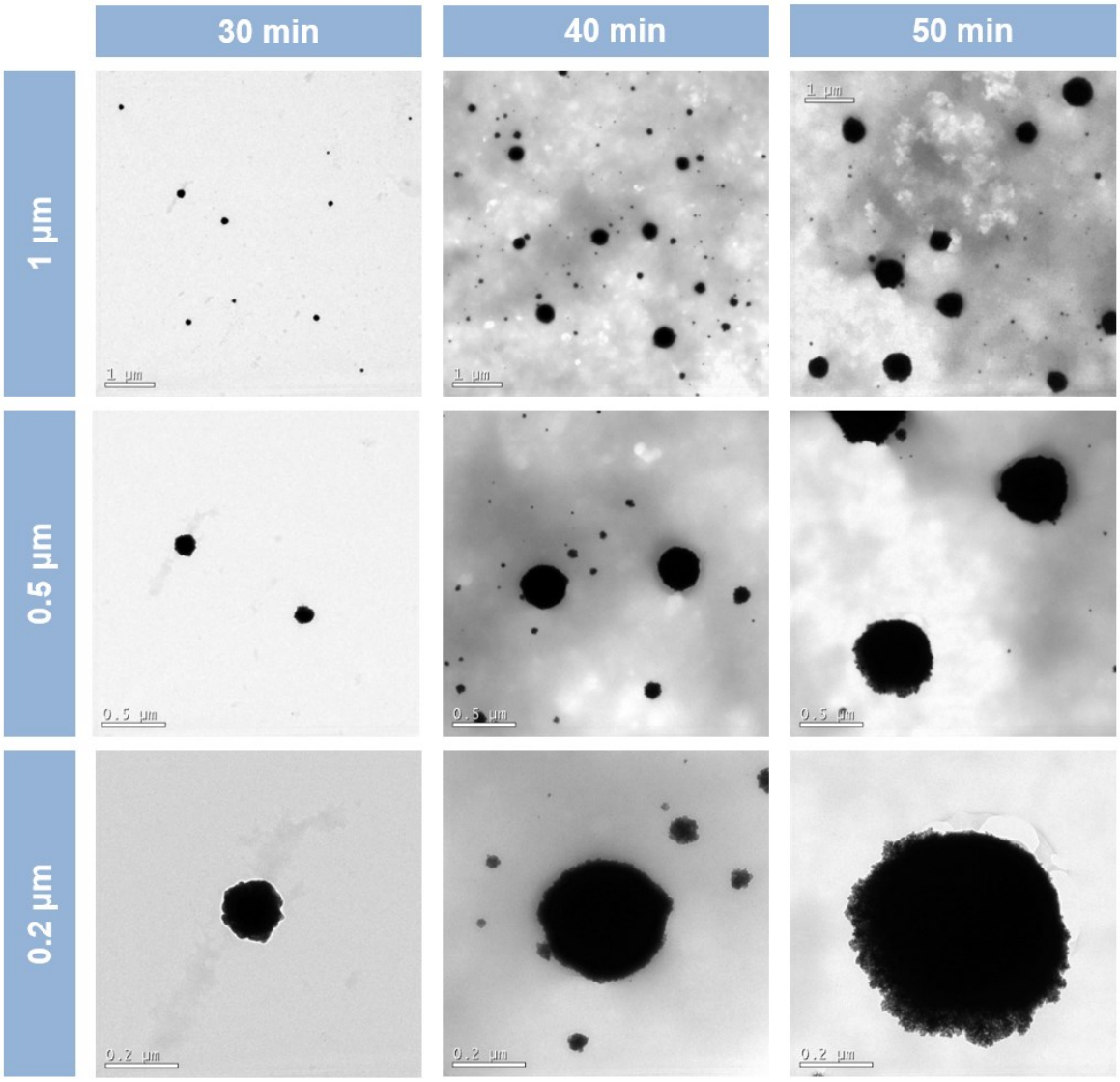

Fig. S2. Transmission electron microscope images showing time-course formation of large gold particles in one-step-immunoassay

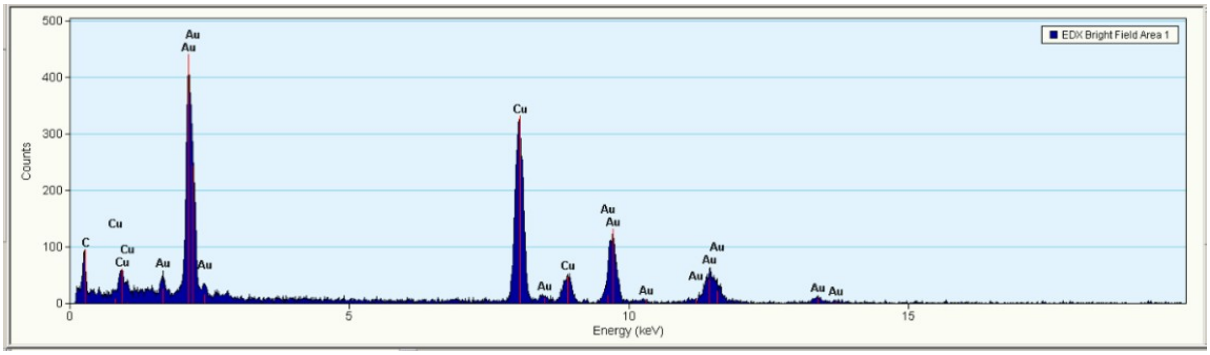

Fig. S3. Results of EDX analysis of an one-step-immunoassay solution

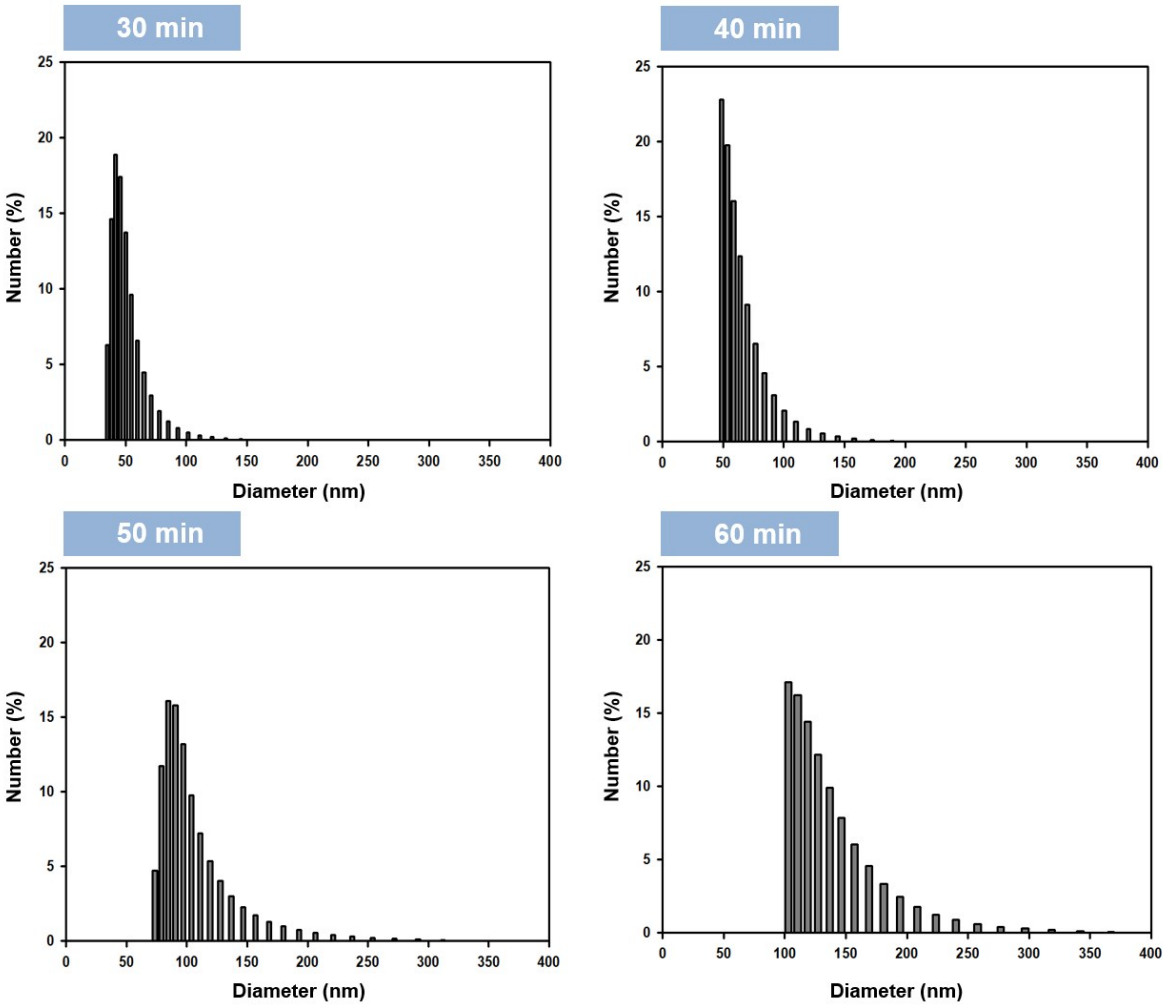

Fig. S4. Results of time-course dynamic light scattering analysis of an one-step-immunoassay solution, showing that the size of gold particles increases with time