Supporting Information

Preparation of Ag Nanoparticles Using Hydrogen Peroxide as a Reducing Agent

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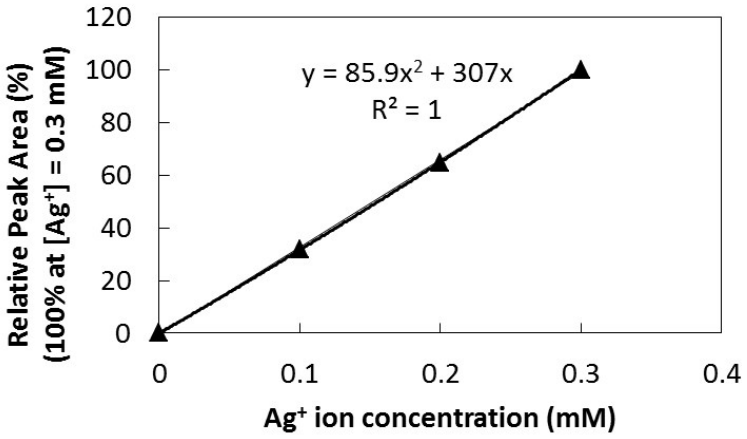

Figure S1. The calibration curve for the Ag^+ ion concentration calculated using the results of the UV-Vis spectra of the solutions with different Ag^+ concentrations.

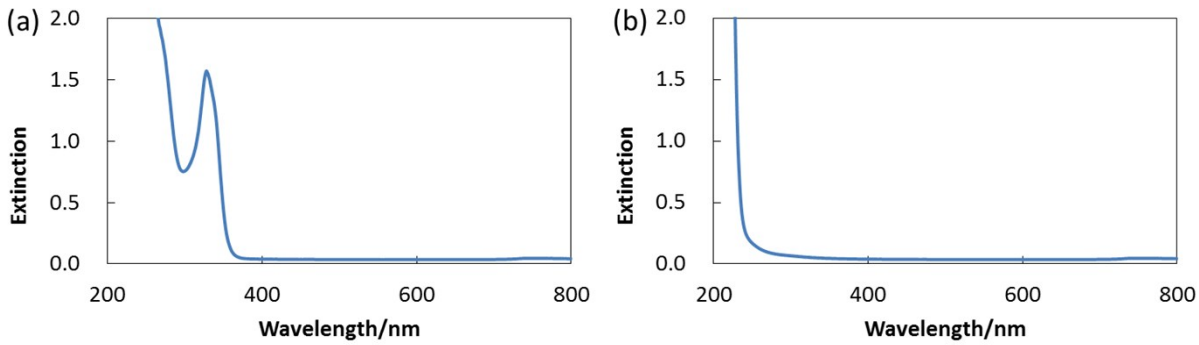

Figure S2. UV-Vis spectra of the reaction solution after the reaction (a) with and (b) without the addition of KI when the pH of the reaction solution was 12. In (a), a peak at around 330 nm corresponding to the coordination compound (PVP－$[Ag_mI_n]^{(n-m)-}$) can be observed.