
Assay of Biothiols by Regulating the Growth of Silver Nanoparticles with C-dots as Reducing Agent

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Overview This supporting information section presents UV-vis spectra of AgNO₃ with Cys after incubation and UV-vis spectra of the nanocomposite after incubating AgNO₃ with C-dots in the absence and presence of Cys.

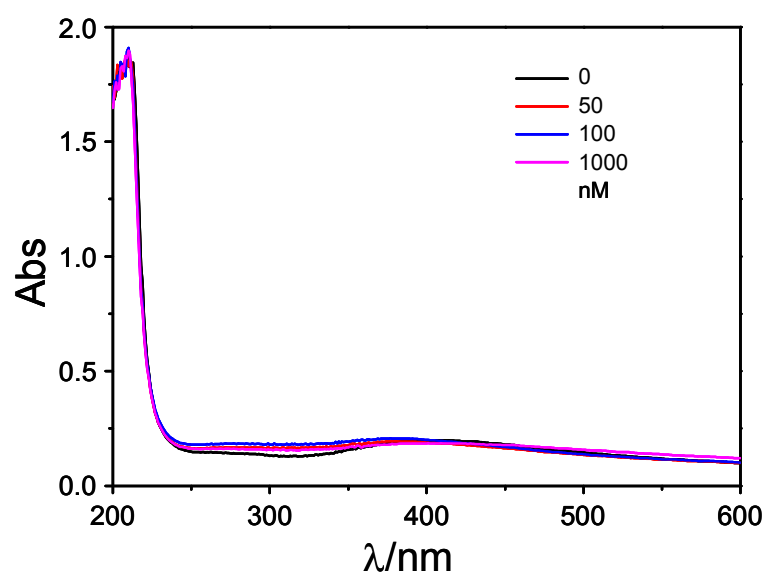


Figure S1. UV-vis spectra of AgNO₃ (0.1 mM) with Cys (0-1000 nM) in 0.01 M NaOH incubating at 70° for 5 min.

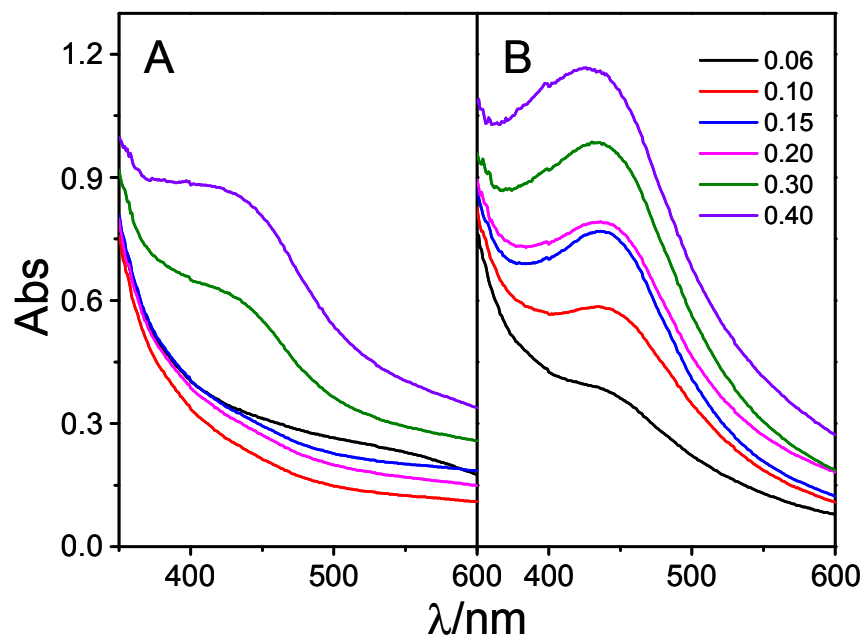


Figure S2. UV-vis spectra of the nanocomposite after incubating AgNO_3 (0.05-0.40 mM) with C-dots (0.23 g L^{-1}) in the absence (A) and presence (B) of Cys (100 nM) in 0.01 M NaOH at 50°C for 5 min.