Electronic Supplementary Information (ESI)

Figure S1. Successive UV-Vis spectra of the reduction of 4-NP by **a)** Au/Au₂S nanoparticles and **b)** Viologen; in presence of excess NaBH₄. **c)** Comparative UV-Vis spectra of 4-NP reduction after 600 s for Au/Au₂S nanoparticles, Viologen and Au/Au₂S-V nanocomposite.

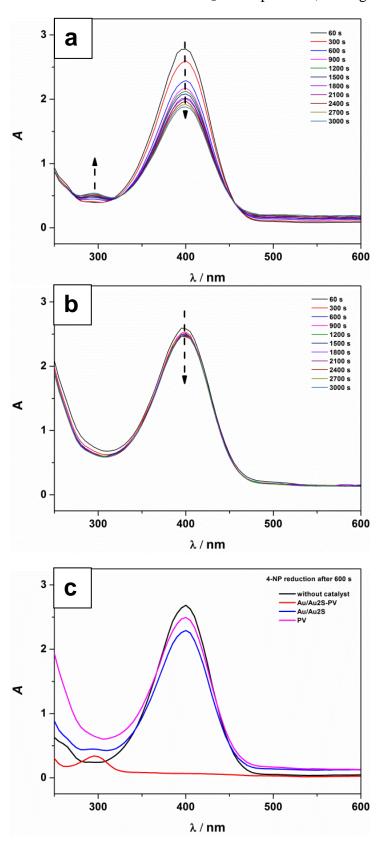


Fig. S2. UV-Vis spectra of pure Au/Au_2S-V nanocomposite in aqueous solution.

