

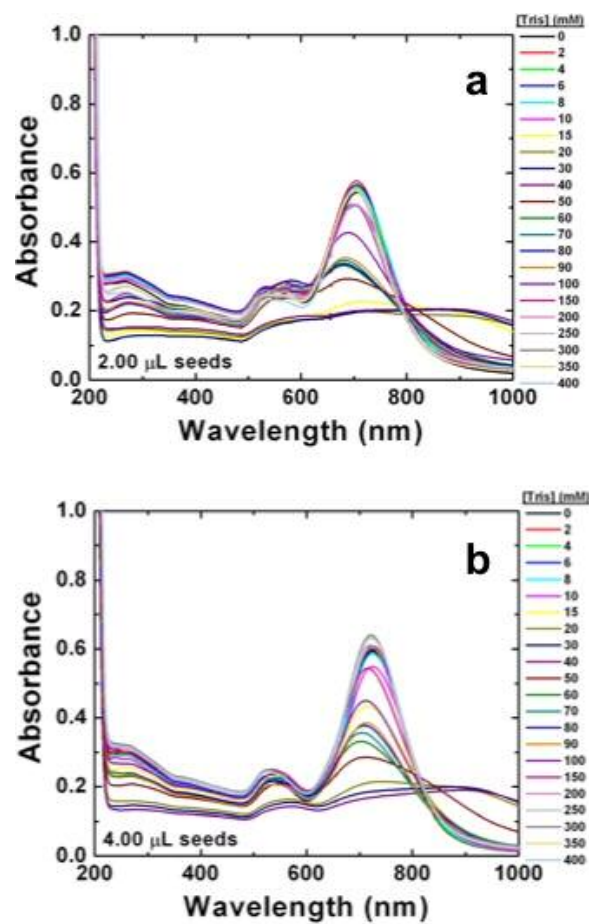
**Supporting Information**

July 3, 2008

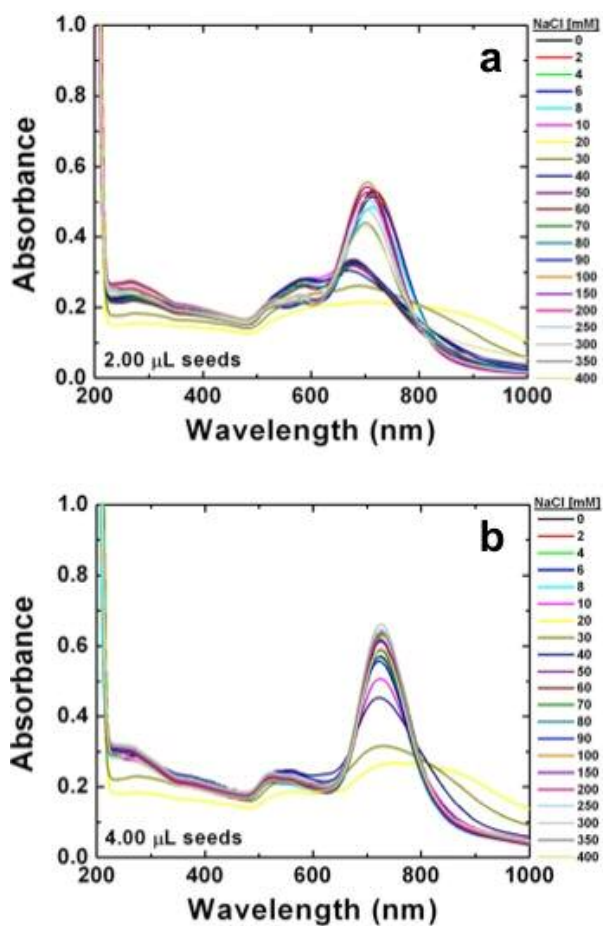
**Stability and Electrostatic Assembly of Au Nanorods for use in Biological Assays**

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(3 pages)



**Figure S1.** UV-vis spectra of Au nanorods dissolved in various concentrations of Tris buffer at pH 7.42. Part (a) corresponds to the materials prepared using 2.00  $\mu\text{L}$  of Au seeds, while part (b) is for the materials produced using 4.00  $\mu\text{L}$  of Au seeds.



**Figure S2.** UV-vis spectra of Au nanorods dissolved in various concentrations of an aqueous NaCl solution titrated to pH 7.42. Part (a) corresponds to the materials prepared using 2.00  $\mu\text{L}$  of Au seeds, while part (b) is for the materials produced using 4.00  $\mu\text{L}$  of Au seeds.