

SUPPLEMENTARY MATERIAL

Quantitative detection of thiols by Surface Enhance Raman Scattering (SERS) using self-assembled gold nanoparticle cluster arrays

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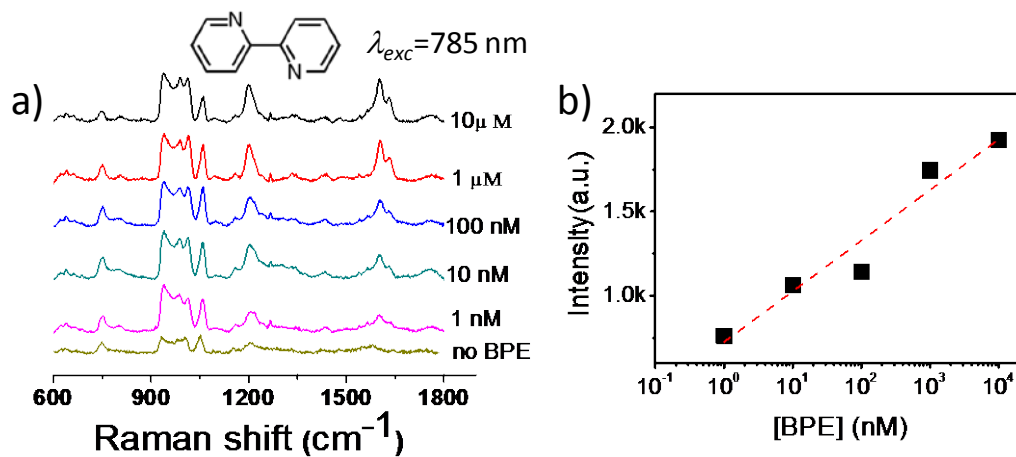


Figure S1. (a) Surface enhanced Raman spectra of 2, 2'-Bipyridine molecule and (b) plot of intensity *versus* concentration for band at 1602 cm⁻¹, shows linear response in the range of 1nM-1μM, with calibration sensitivity of 300.9 (A change in SERS intensity of 300.9 per order of magnitude change in concentration of [BPE])