

Supporting Information

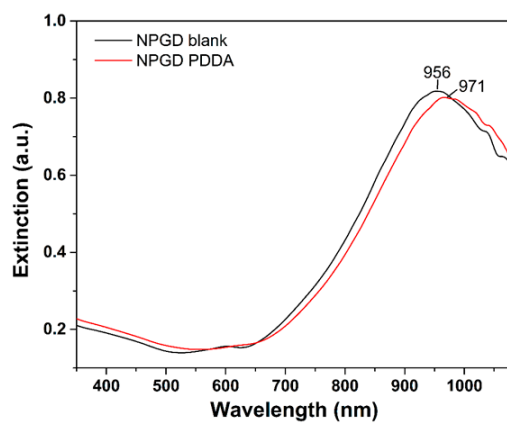


Figure S1. Extinction spectra of NPGD before and after adsorbing PDDA.

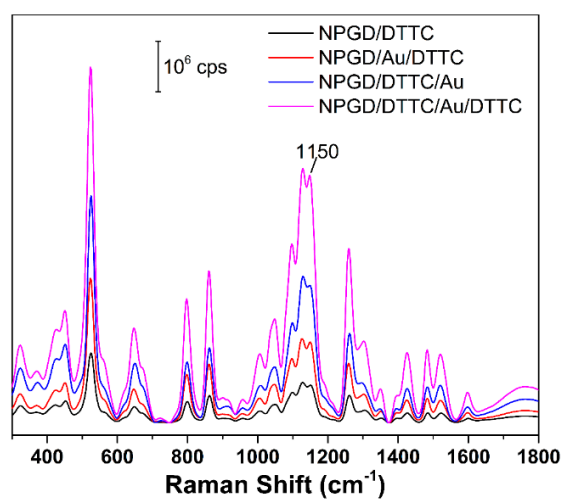


Figure S2. SERS spectra of DTTC on NPGD/13 nm AuNP composites.