

Supporting Information

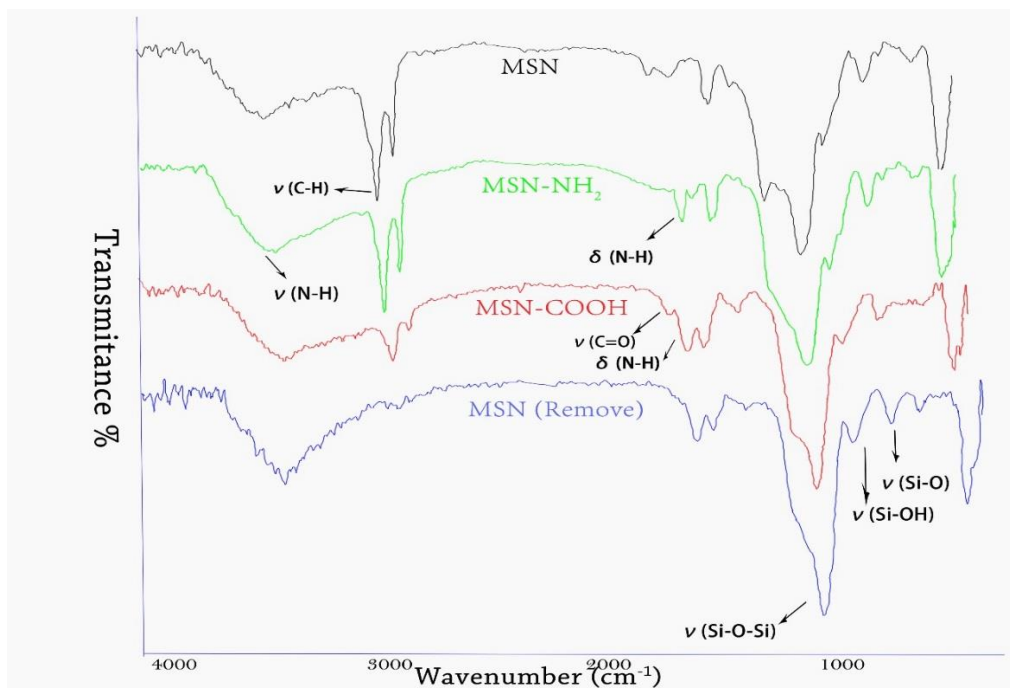


Figure S1. FTIR spectra of MSN, MSN-NH₂, MSN-COOH, MSN-COOH (removed).

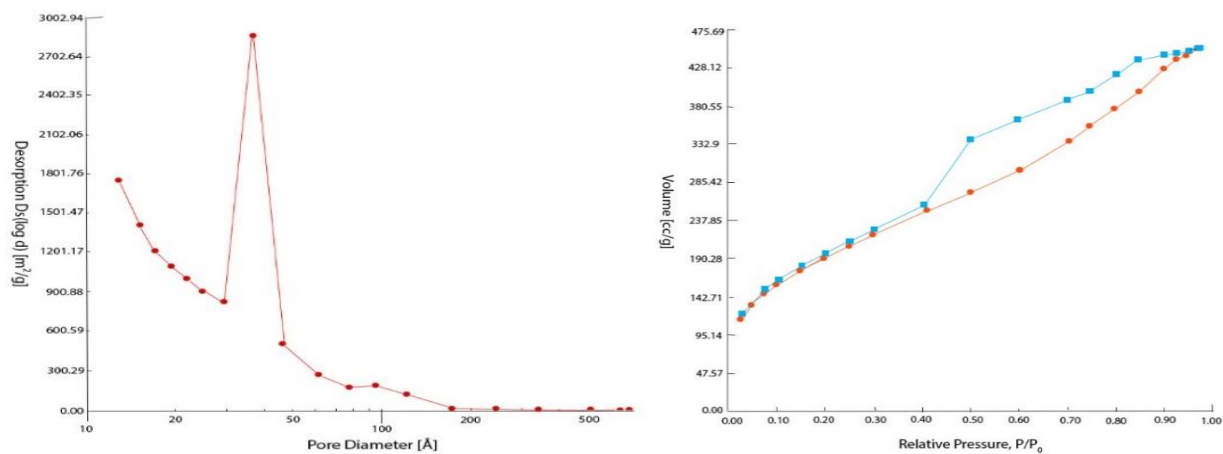


Figure S2. a) BJH and b) BET analyses of MSN.

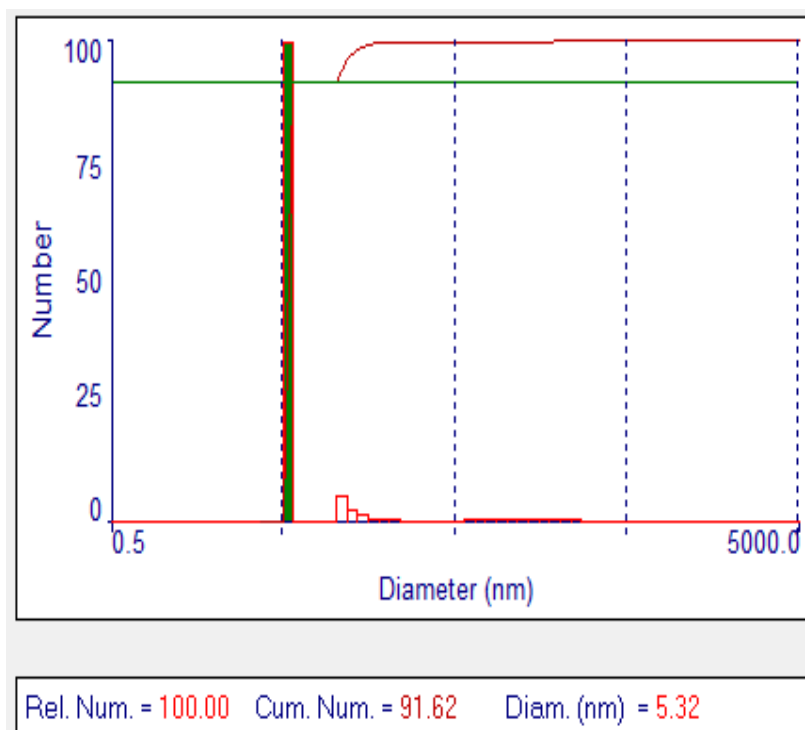


Figure S3. DLS analysis of the prepared GNP.

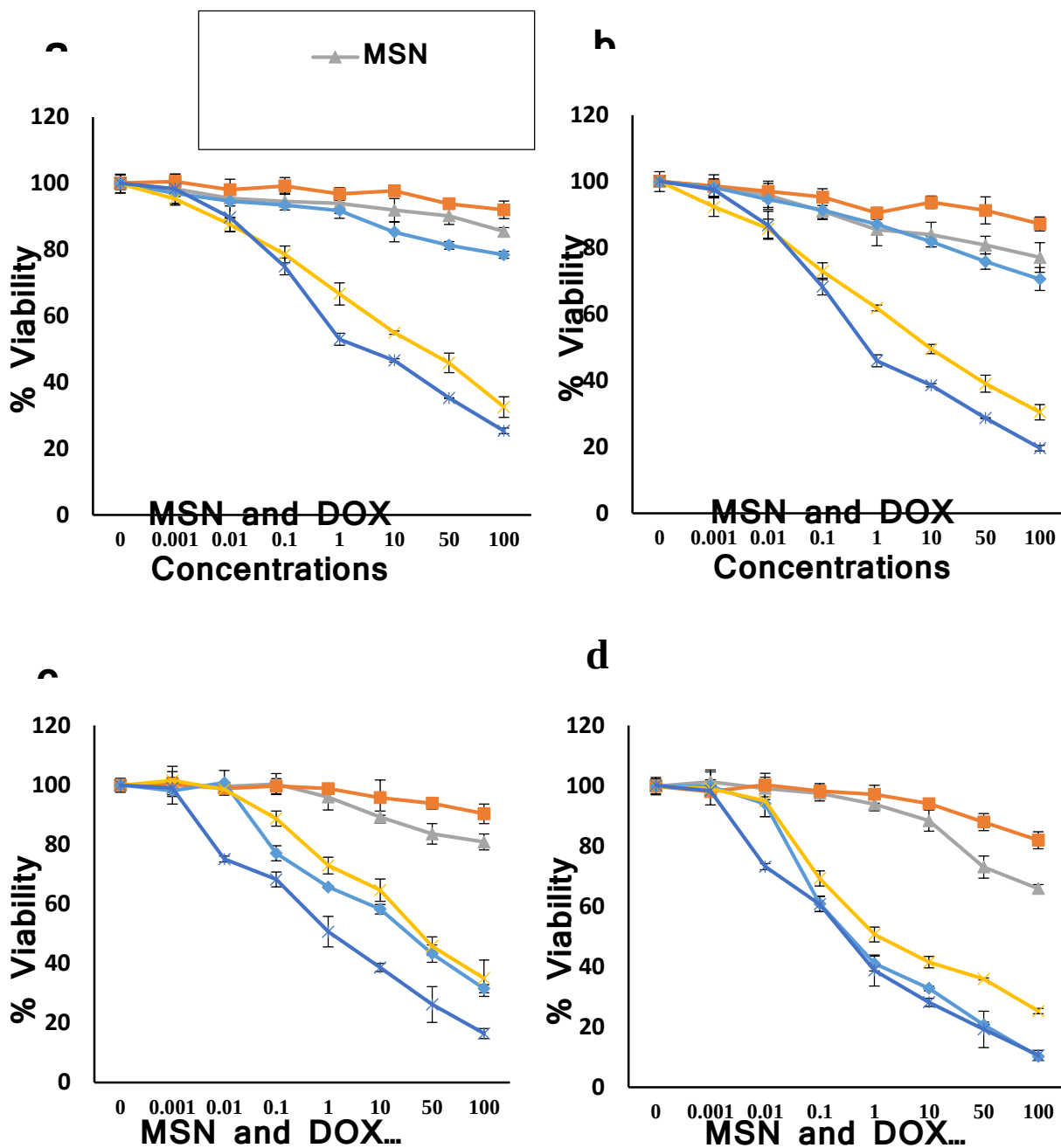


Figure S4. Cytotoxicity of free and DOX loaded nanosystems measured by MTT assay after 24 and 48 h of incubation: (a,b) T47D; (c,d) 4T1 respectively.