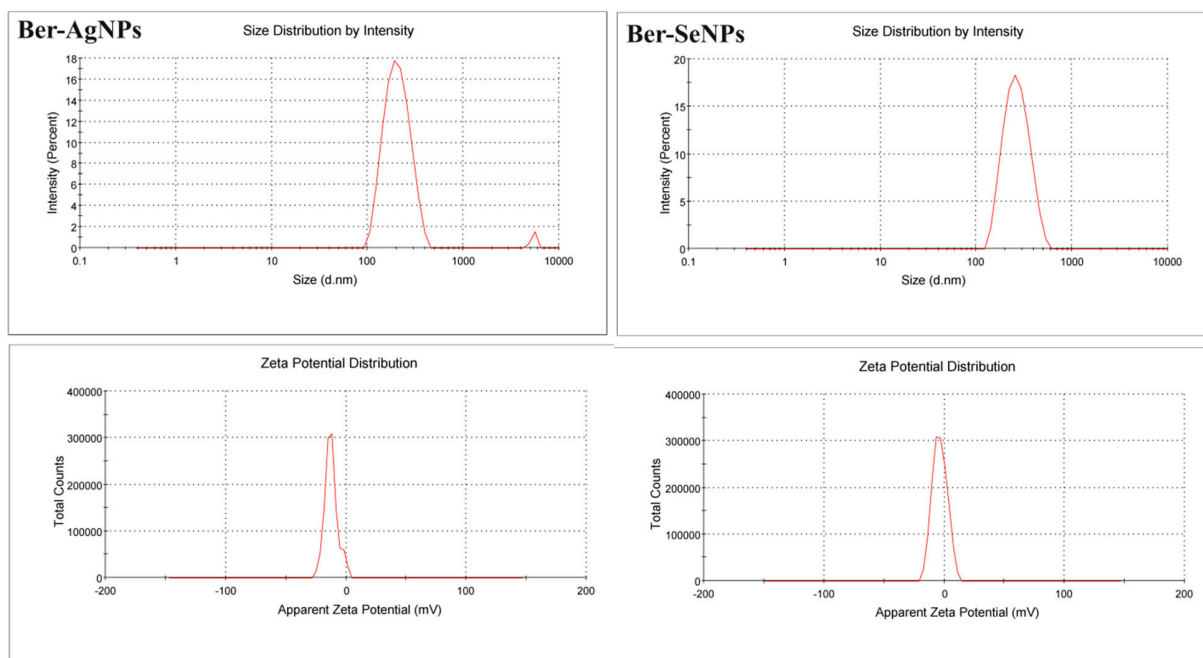


Supplementary data; Table S1 and Figure S1: Characterization of berberine loaded silver nanoparticles (Ber-AgNPs) and berberine loaded selenium nanoparticles (Ber-SeNPs) determined hydrodynamic diameter by Zetasizer and surface charge by Zeta potential.



NPs	Hydrodynamic diameter (nm)	Surface charge (mV)
Ber-AgNPs	215.4±10.8	-3.73
Ber-SeNPs	171.5±4.2	-12.4