

Supplementary Table 1 Properties of NPs

NPs	Sample1	Sample2	Sample3	average	SD
Size (nm)	184.9	186.6	191.0	187.50	3.15
polydispersity	0.199	0.180	0.202	0.194	0.012
Zeta potential (mV)	-44.5	-42.9	-42.0	-43.13	1.27
drug loading (%)	4.58	4.09	3.71	4.13	0.44
loading efficiency (%)	16.20	15.72	13.89	15.27	1.22

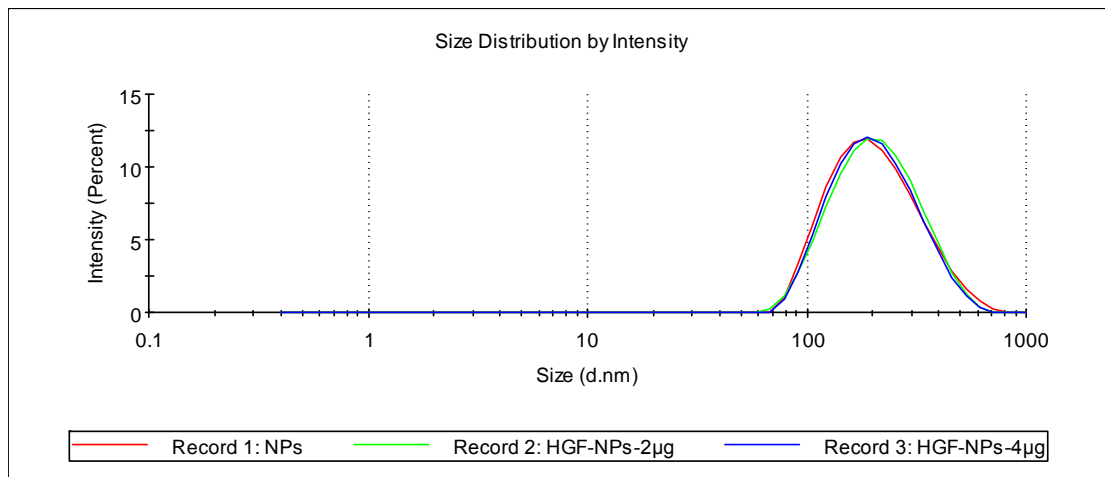
Supplementary Table 2 Properties of HGF-NPs-2 μ g

HGF-NPs-2 μ g	Sample1	Sample2	Sample3	average	SD
Size (nm)	189.4	193.6	196.1	193.03	3.39
polydispersity	0.230	0.223	0.230	0.228	0.004
Zeta potential (mV)	-47.8	-47.2	-47.4	-47.47	0.31
drug loading (%)	0.001159	0.001313	0.001332	0.001268	0.000095
loading efficiency (%)	10.26	12.28	12.79	11.78	1.34

Supplementary Table 3 Properties of HGF-NPs-4 μ g

HGF-NPs-4 μ g	Sample1	Sample2	Sample3	average	SD
Size (nm)	188.5	196.7	194.5	193.2	4.24
polydispersity	0.240	0.266	0.264	0.257	0.014
Zeta potential (mV)	-47.7	-47.4	-46.6	-47.23	0.57
drug loading (%)	0.002400	0.002385	0.002481	0.002422	0.000052
loading efficiency (%)	11.94	11.39	12.03	11.79	0.35

Supplementary Figure 1 Size of the nanoparticles by intensity



Supplementary Figure 2 Zeta potential of the nanoparticles

