

Electronic Supplementary Information

Assessment of Polydopamine Coated Magnetic Nanoparticles in Doxorubicin Delivery

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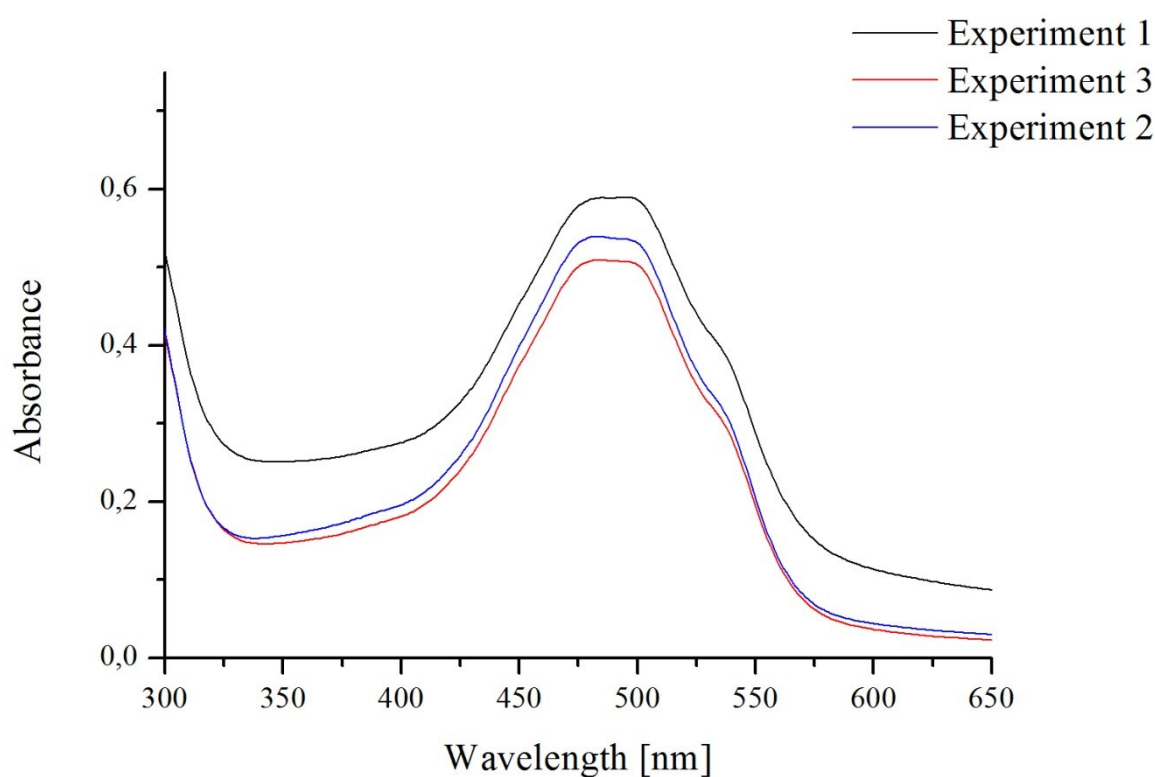
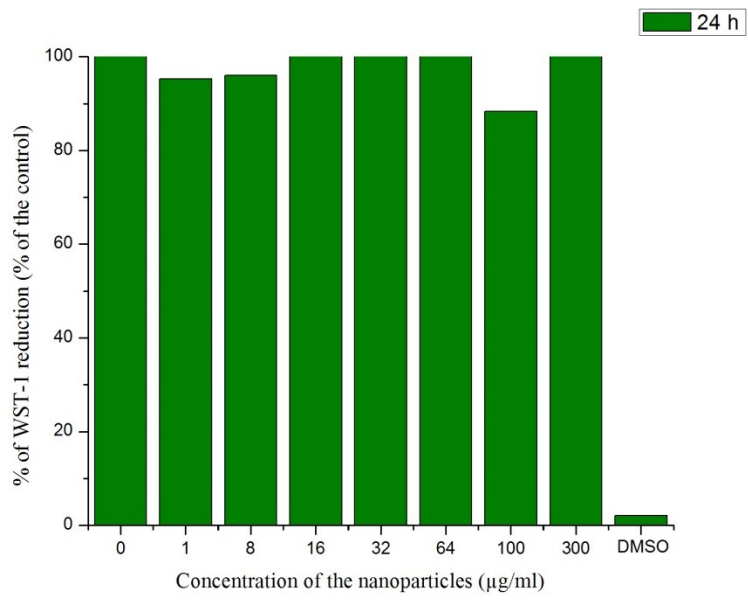
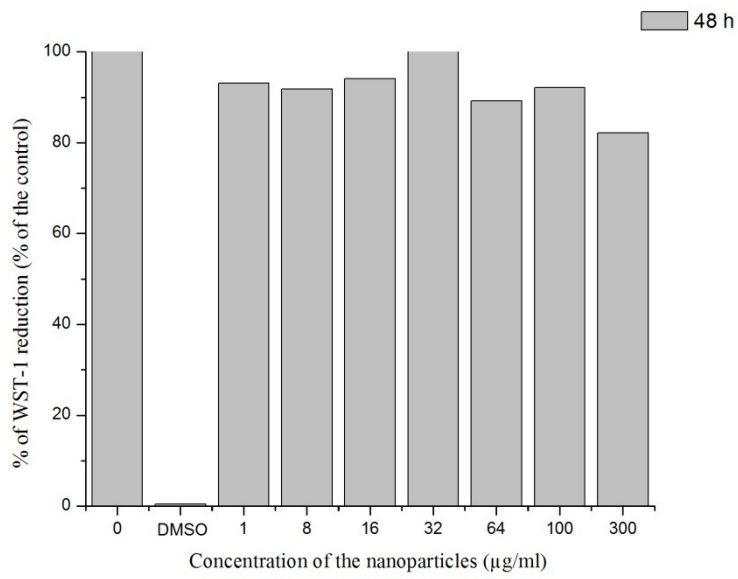


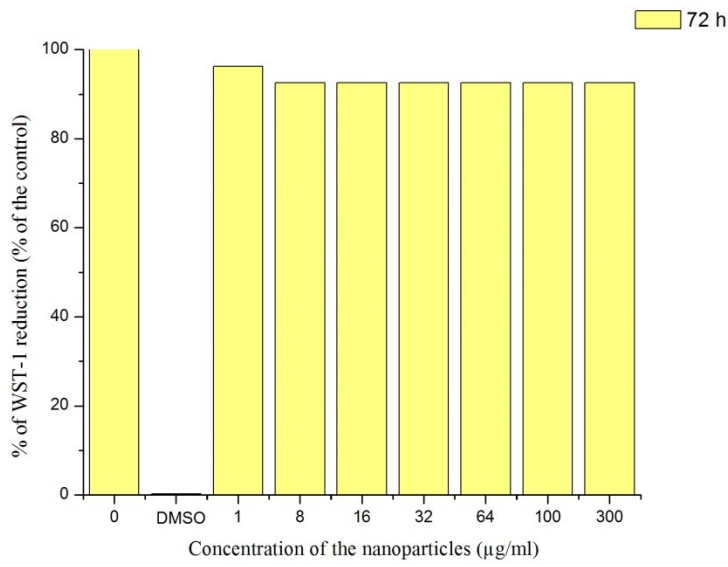
Fig. 1 UV-Vis spectra of doxorubicin in eluate after loading experiments



A

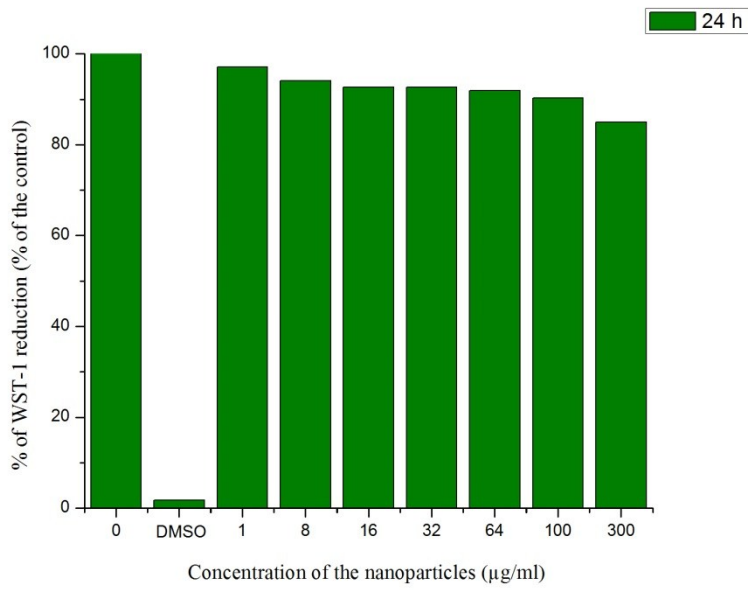


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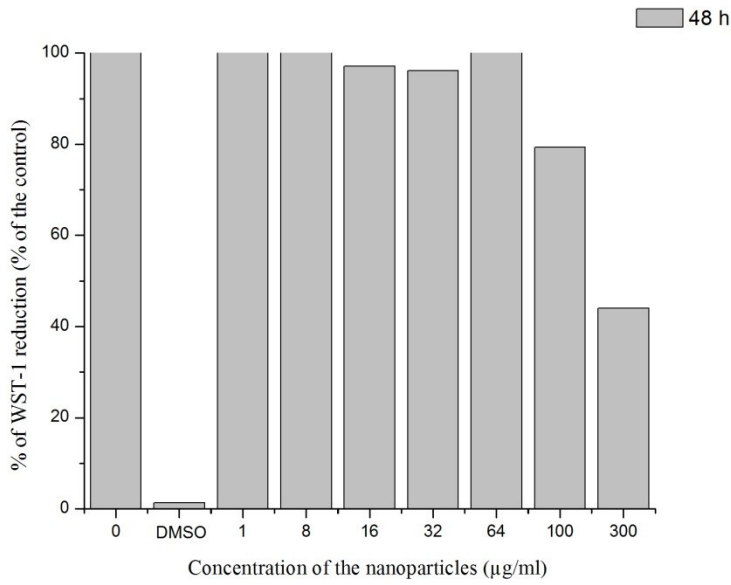


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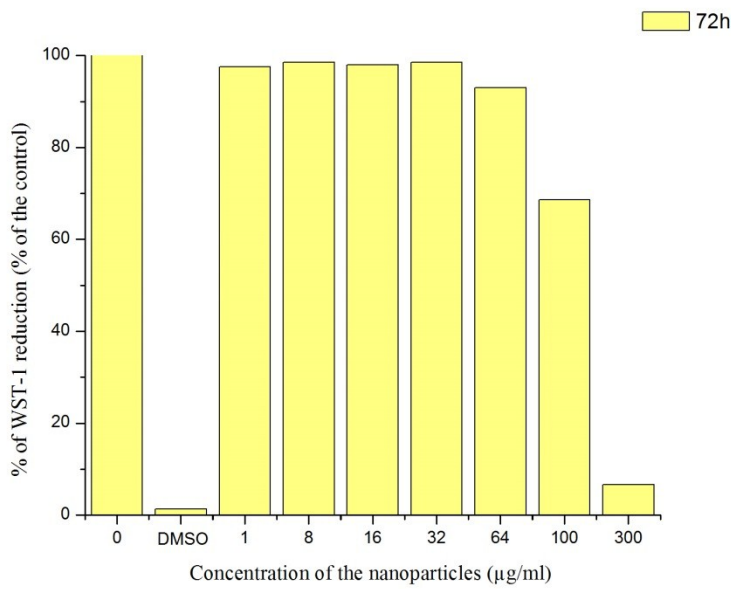
Fig.2 WST-1 reduction activity of the HeLa cell line after 24 h (a), 48 h (b) and 72h (c) of incubation with MNP 1 comparing to the control.



A

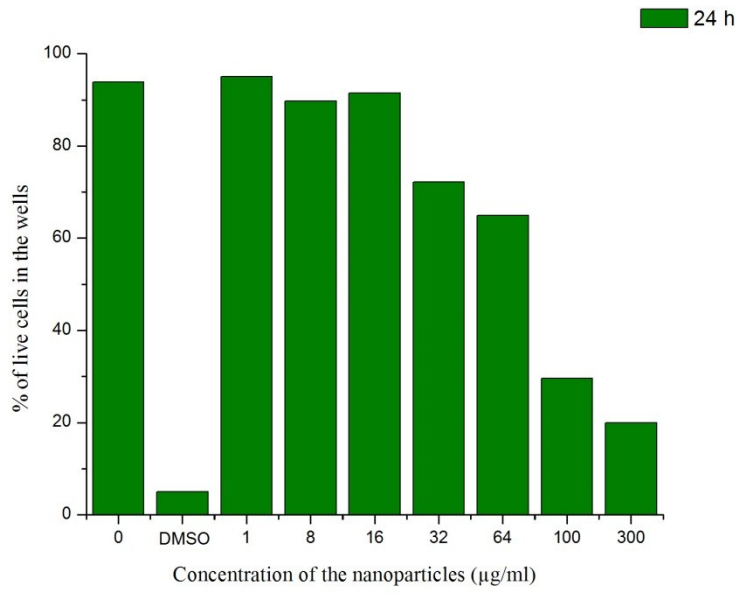


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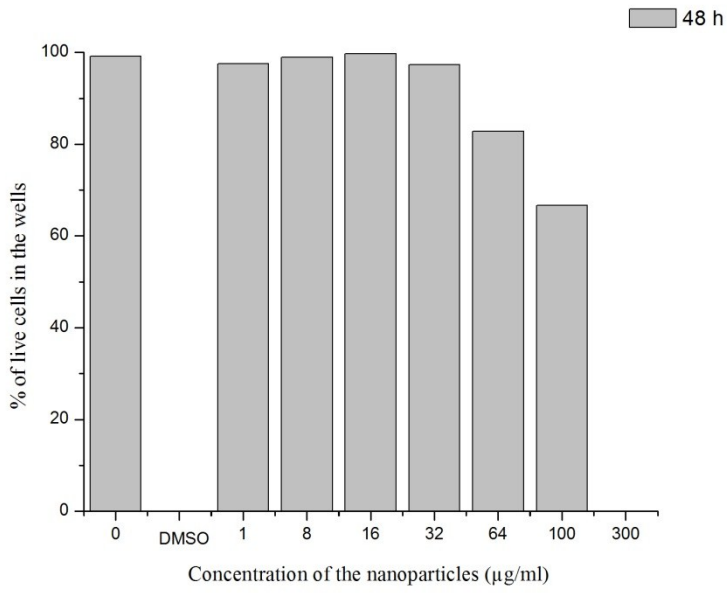


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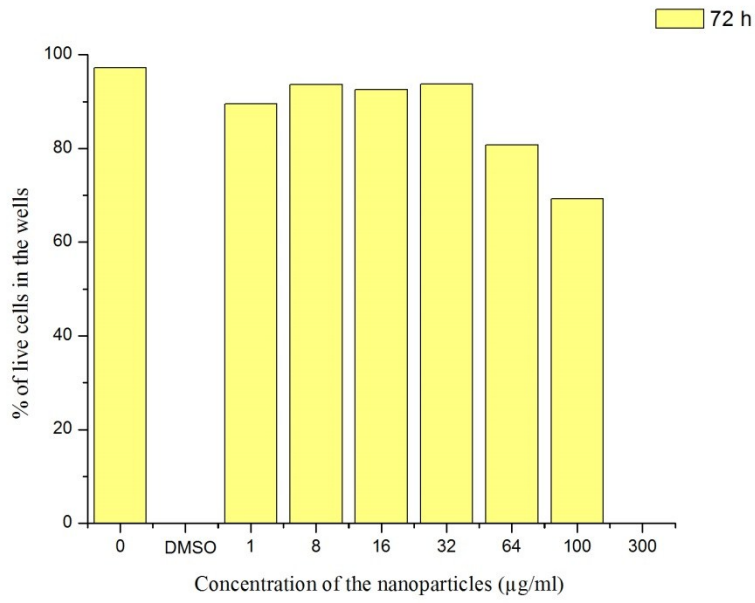
Fig.3 HeLa cell line viability after 24 h (a), 48 h (b), 72 h (c) of incubation with MNP 2 (WST-1 assay).



A



B



C

Fig. 4 Live/dead test results. % of live HeLa cells after 24 h (a), 48 h (b) and 72 h (c) of incubation with MNP 2