

Supporting Information

Title: Melanin-Manganese Nanoparticles with Ultrahigh Efficient Clearance in Vivo for Tumor-Targeting T₁ Magnetic Resonance Imaging Contrast Agent

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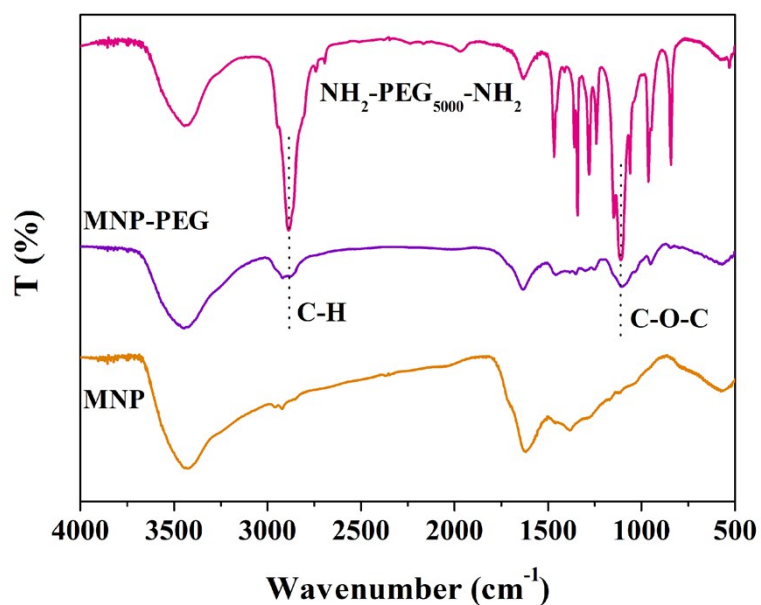


Figure S1 FT-IR spectra of MNP, MNP-PEG and NH₂-PEG₅₀₀₀-NH₂.

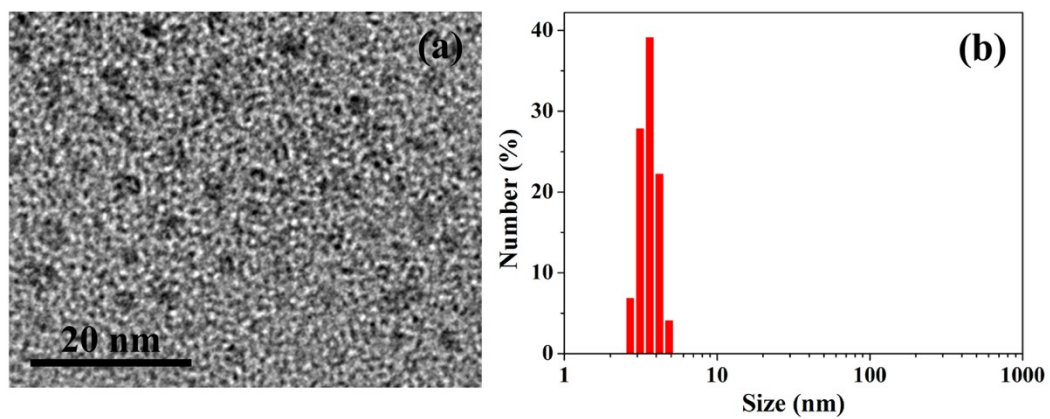


Figure S2 TEM image (a) and hydrodynamic size distribution graph (b) of MNP-PEG.

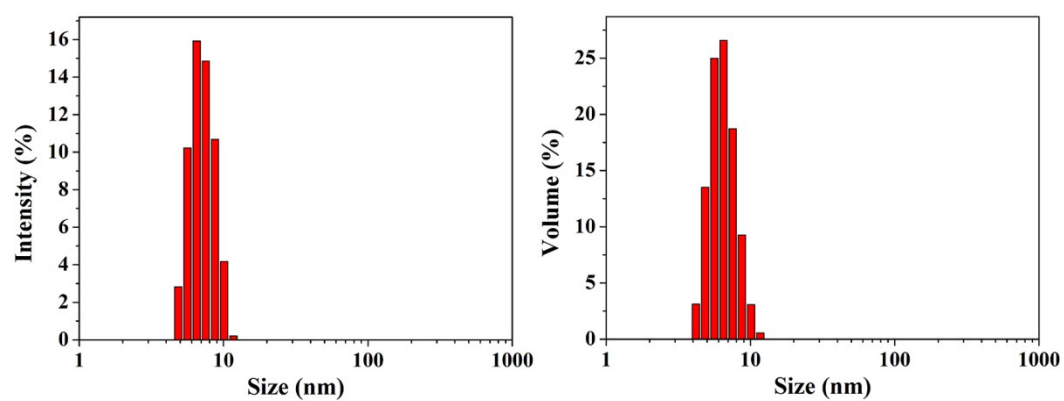


Figure S3 Hydrodynamic size distribution of the MNP-PEG-Mn in Intensity and Volume modes.

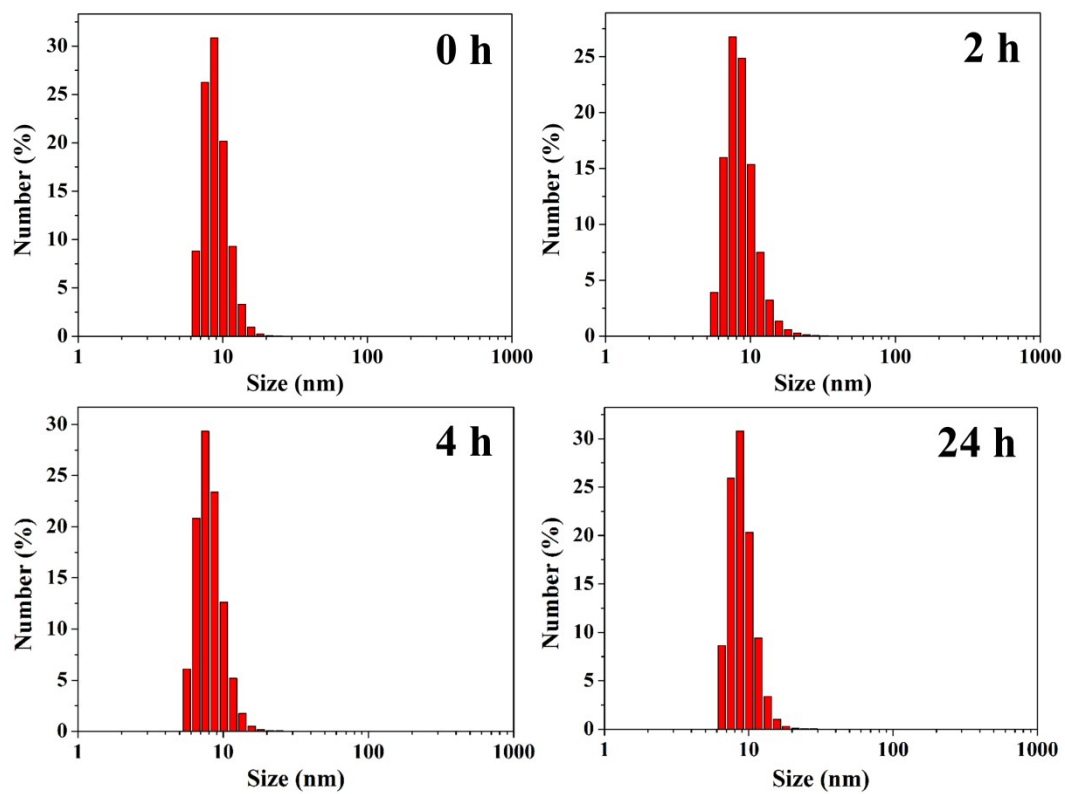


Figure S4 Hydrodynamic size distribution of the MNP-PEG-Mn during different incubation periods with serum.

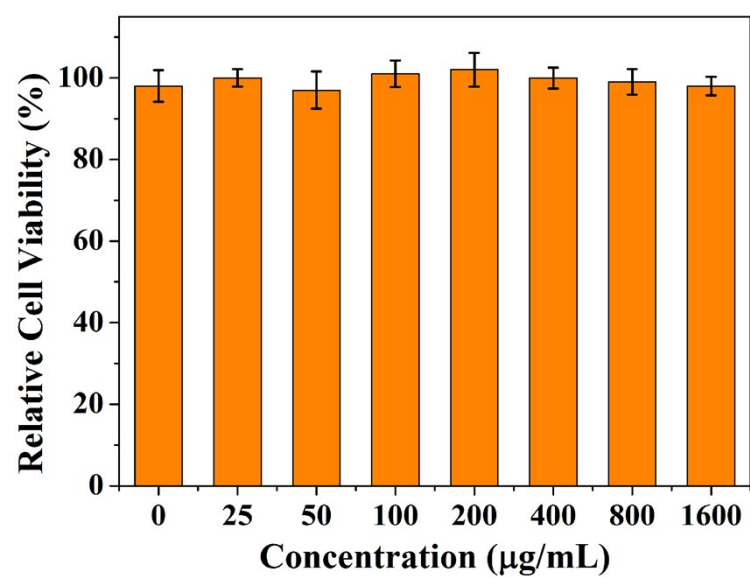


Figure S5 Cell viabilities of the NIH 3T3 cells after 24 h incubation with MNP-PEG-Mn at various concentrations by MTT assay.