

## **Electronic Supplementary Information for**

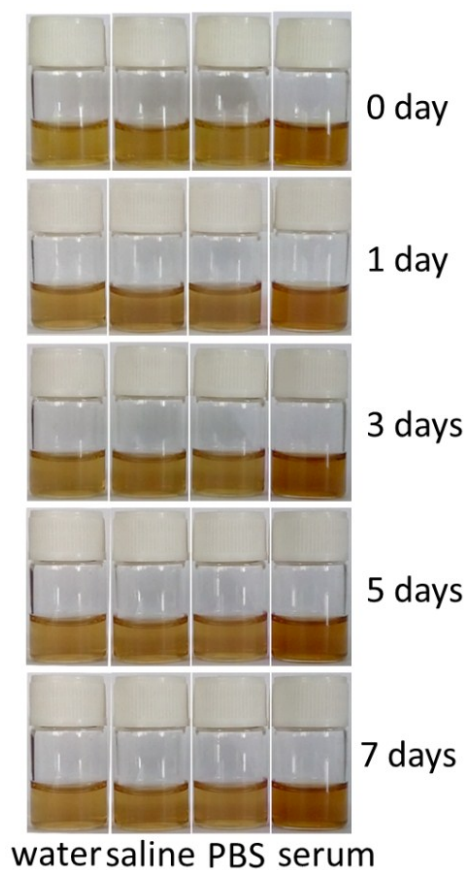
### **BSA Directed-Synthesis of Biocompatible Fe<sub>3</sub>O<sub>4</sub> Nanoparticles for Dual-Modal T<sub>1</sub> and T<sub>2</sub> MR Imaging in Vivo**

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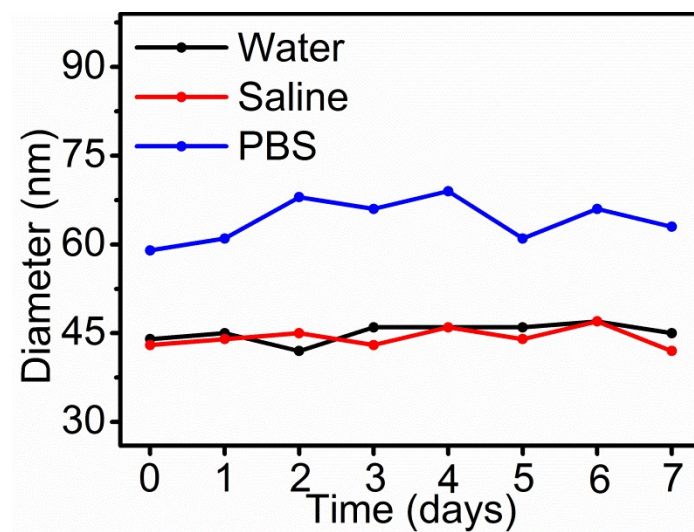
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**Fig. S1.** The colloidal stability of BSA-Fe<sub>3</sub>O<sub>4</sub> nanoparticles (1 mg/mL) in different media including pure water, normal saline, PBS and serum for 7 days.



**Fig. S2.** The change of hydrodynamic diameters of BSA-Fe<sub>3</sub>O<sub>4</sub> nanoparticles (1 mg/mL) dispersing in pure water, normal saline and PBS in 7 days.