

## Supporting Information

### Silica Coated Super-paramagnetic Iron Oxide Nanoparticles (SPIONPs): A New Type Contrast Agent of T<sub>1</sub> Magnetic Resonance Imaging (MRI)

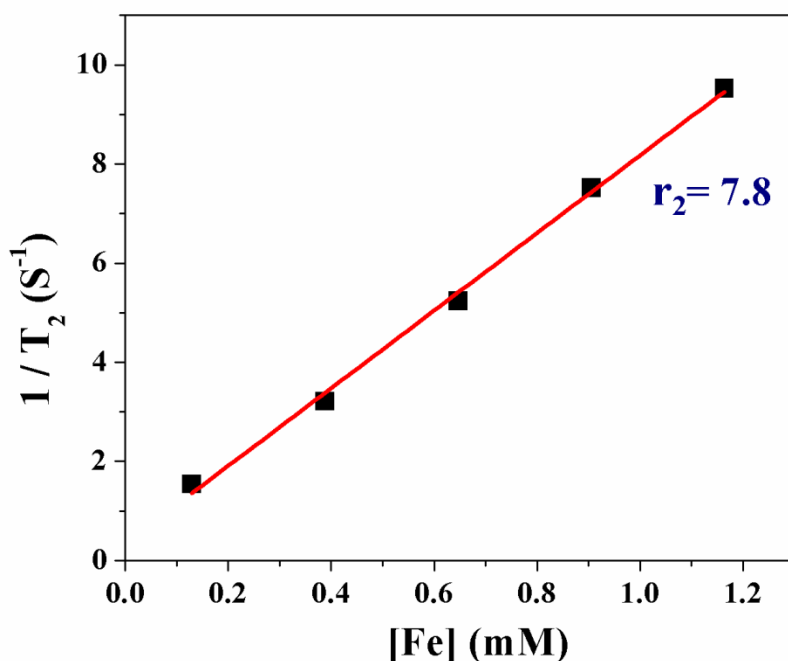
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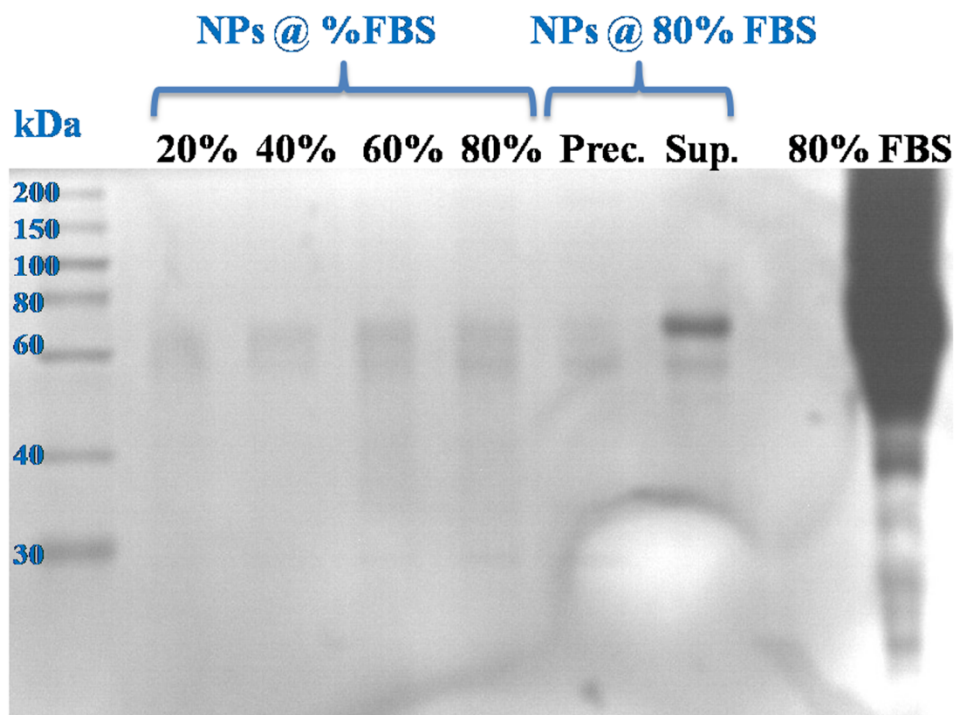
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**Figure S1.** The transverse (T<sub>2</sub>) relaxation time of silica coated SPIONPs



**Figure S2.** SDS-PAGE gel of the protein corona of the as-synthesized NPs after incubation in fetal bovine serum (FBS) medium for 24 hours