

Supplementary information

Surface-Modified Iron Oxide Nanoprobes in Biomedical Scaffolds

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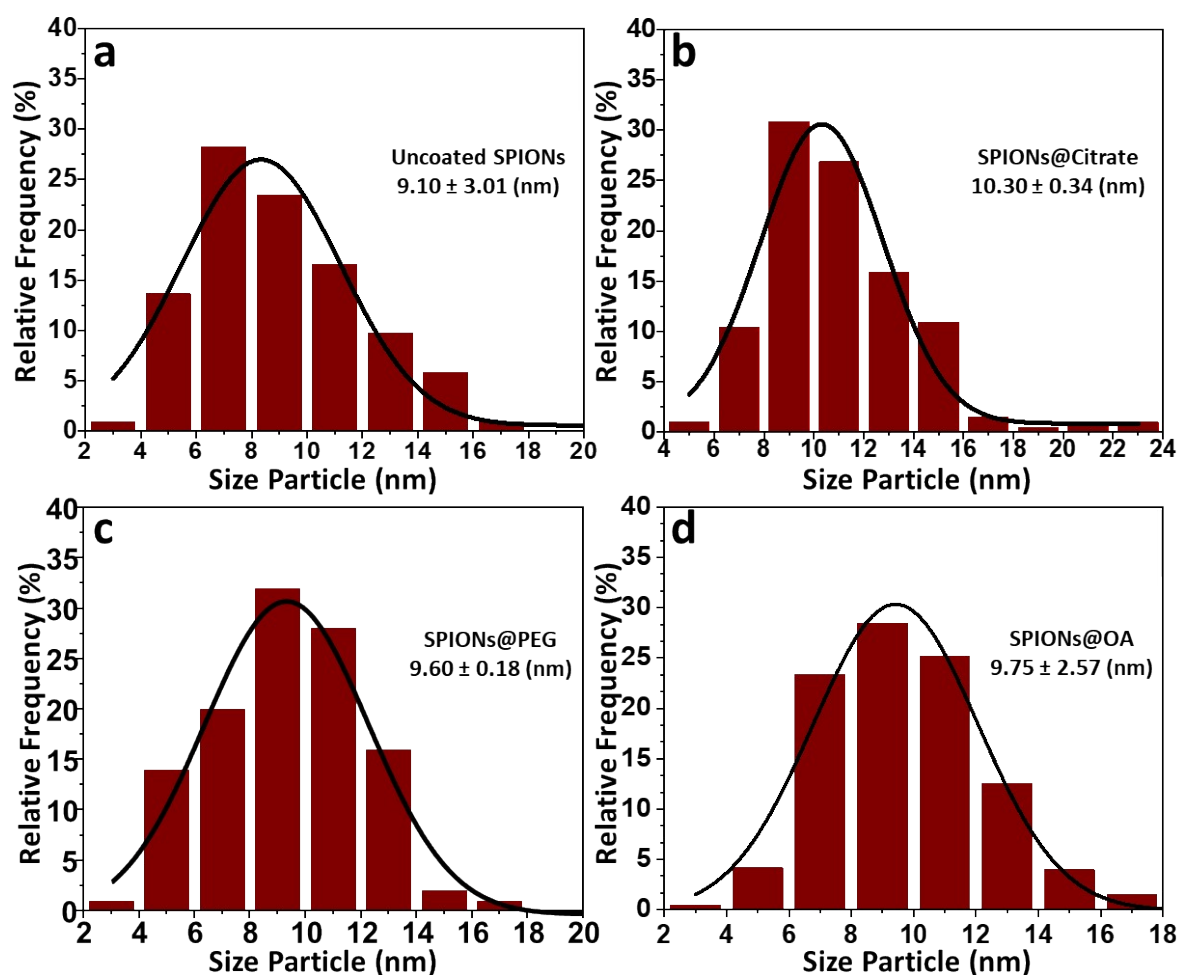


Figure S1: Size distribution histograms of single-core: (a) uncoated and surface-functionalized with (b) citrate, (c) PEG and (d) OA single-core SPIONs.

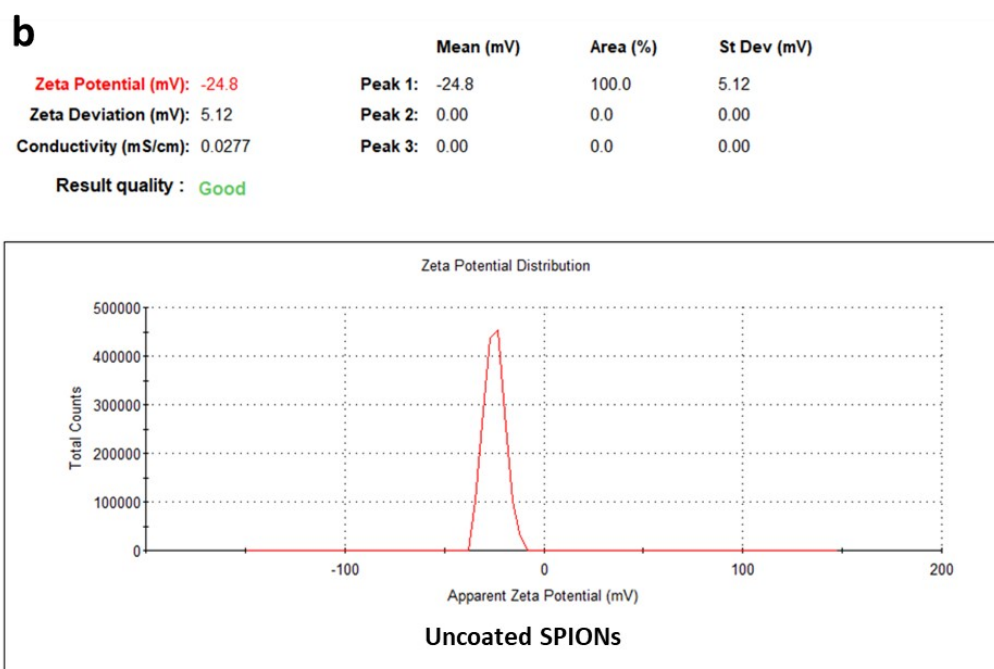
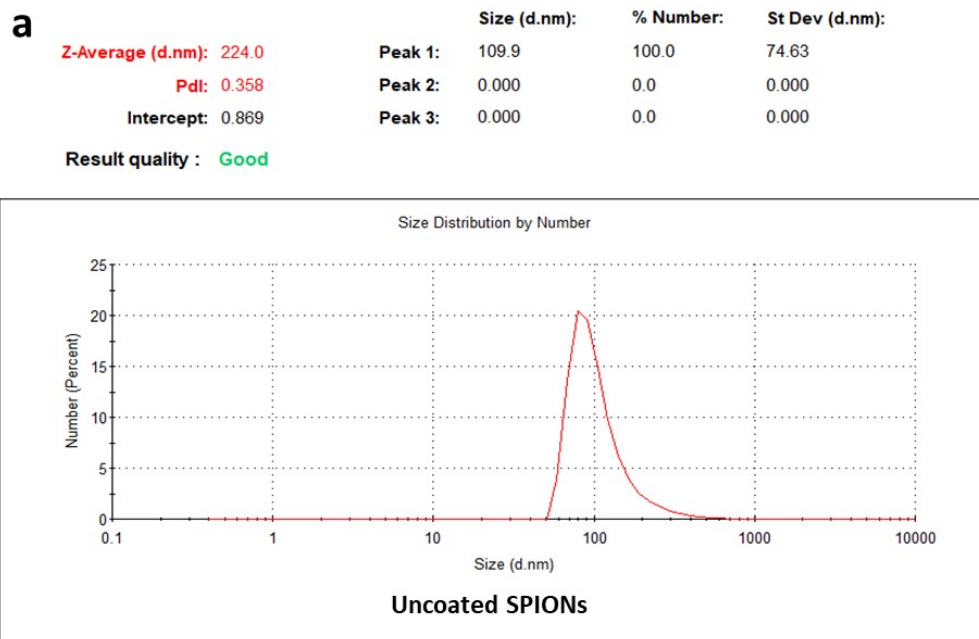


Figure S2: Dynamic Light Scattering measurements of uncoated SPIONs: (a) Size Distributions by Number and (b) Zeta Potential Distributions.

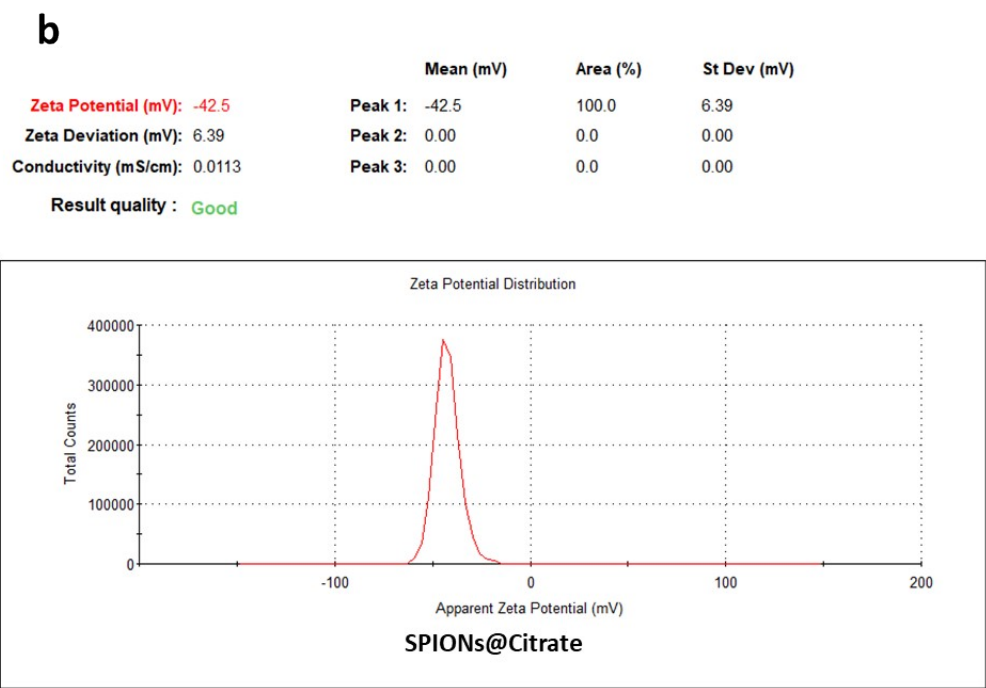
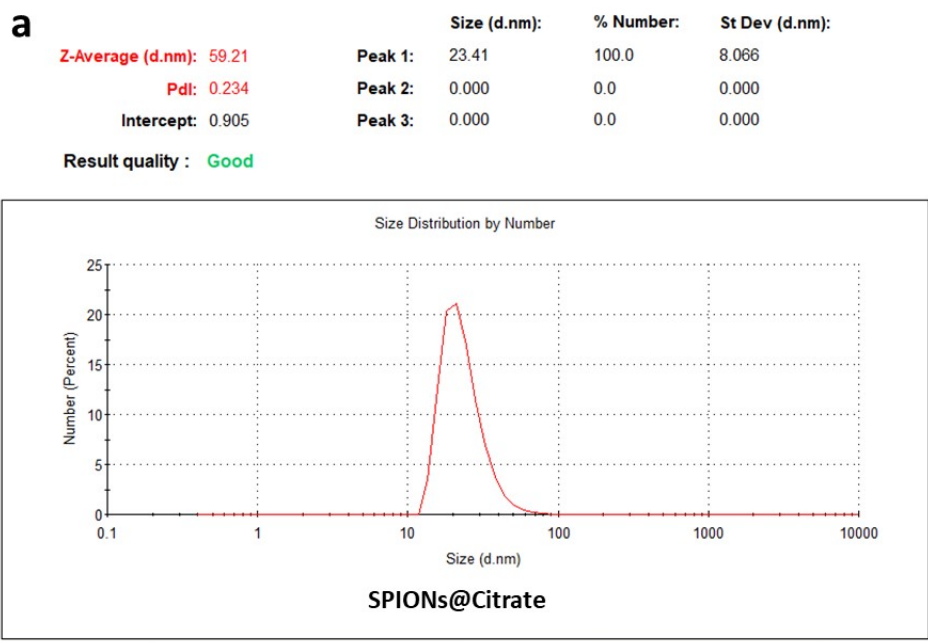


Figure S3: Dynamic Light Scattering measurements of SPIONs@Citrate: (a) Size Distributions by Number and (b) Zeta Potential Distributions.

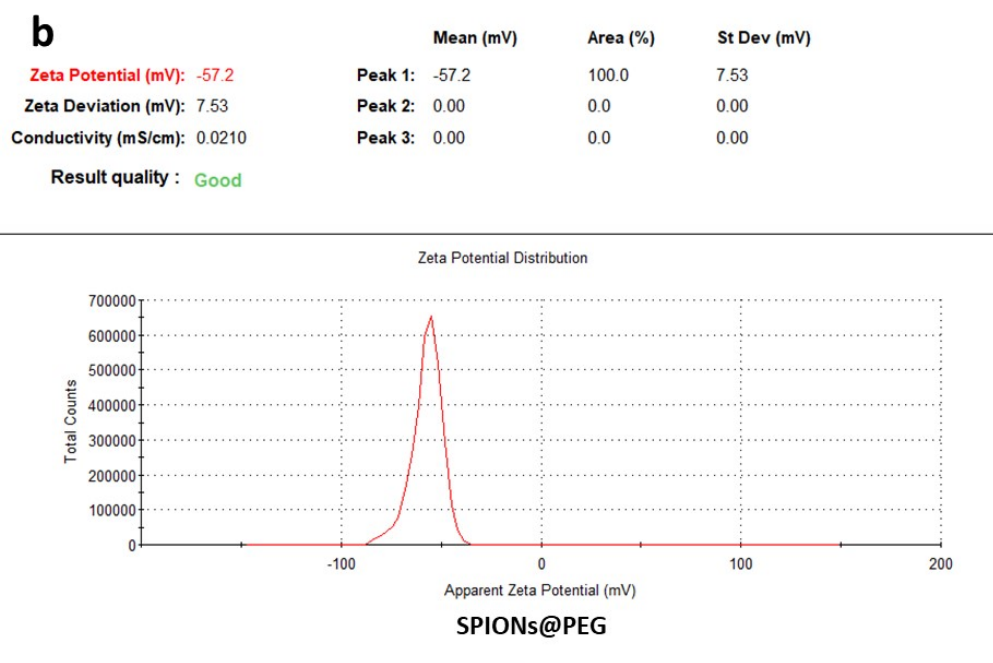
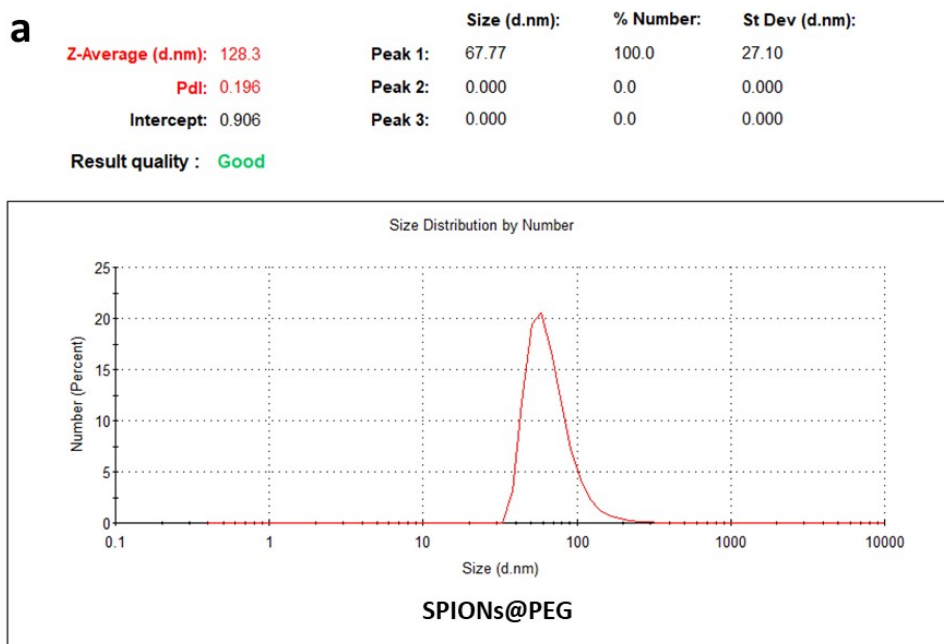


Figure S4: Dynamic Light Scattering measurements of SPIONs@PEG: (a) Size Distributions by Number and (b) Zeta Potential Distributions.

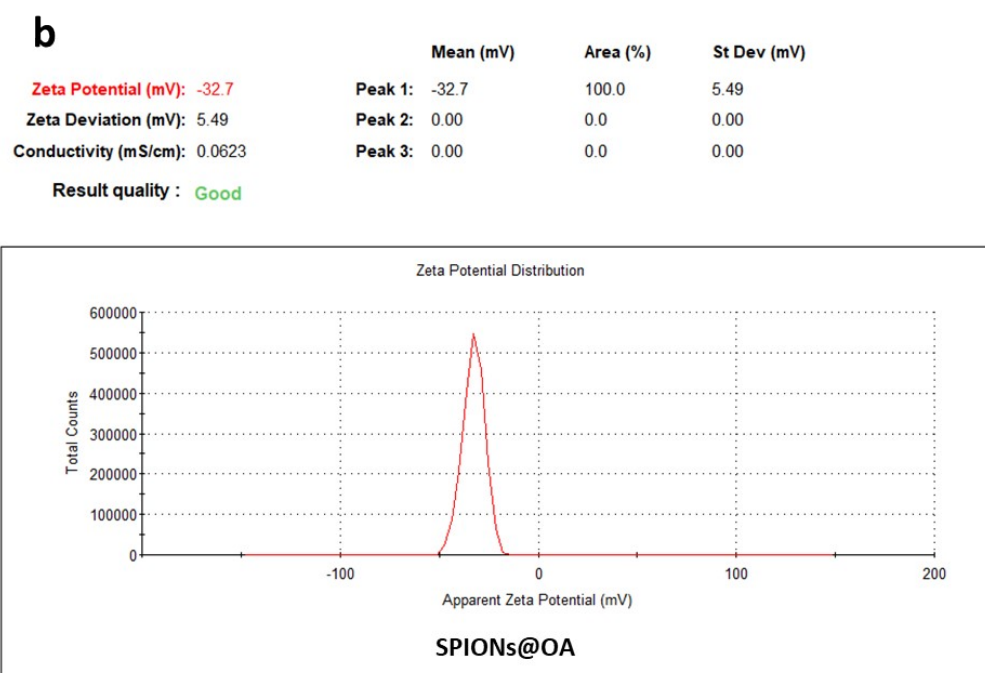
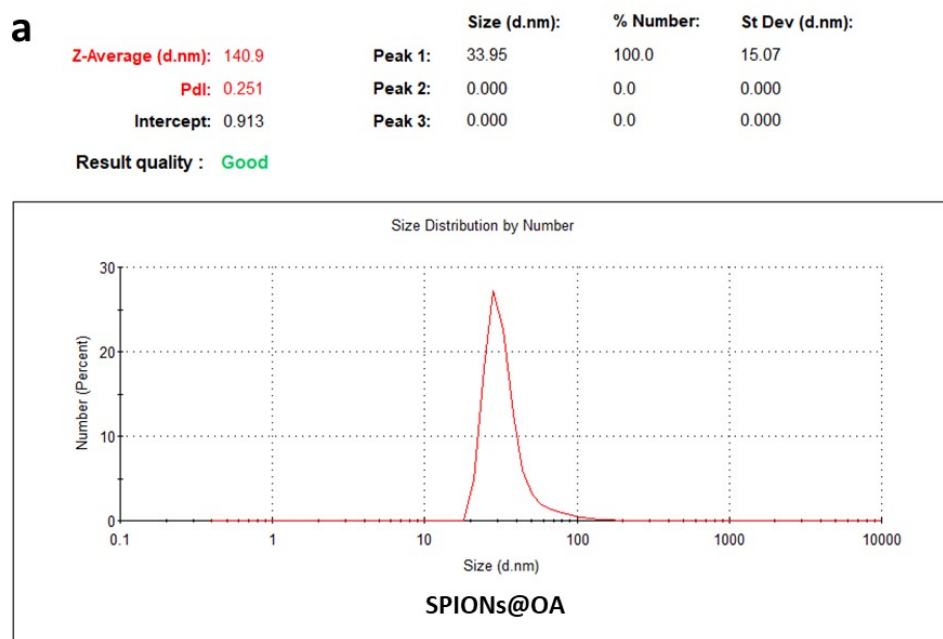


Figure S5: Dynamic Light Scattering measurements of SPIONs@OA: (a) Size Distributions by Number and (b) Zeta Potential Distributions.

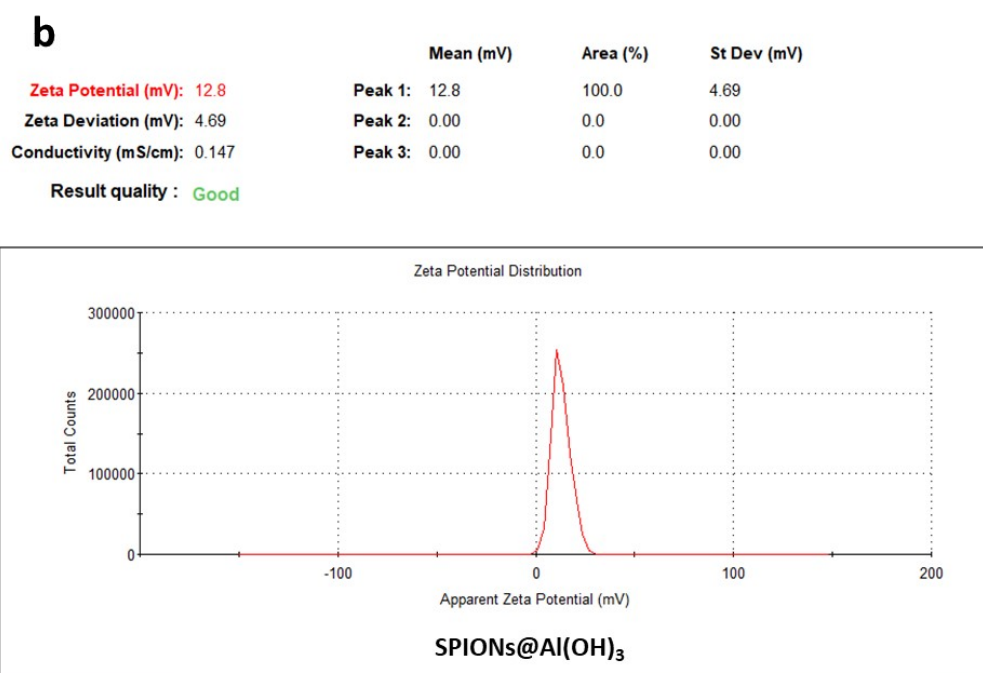
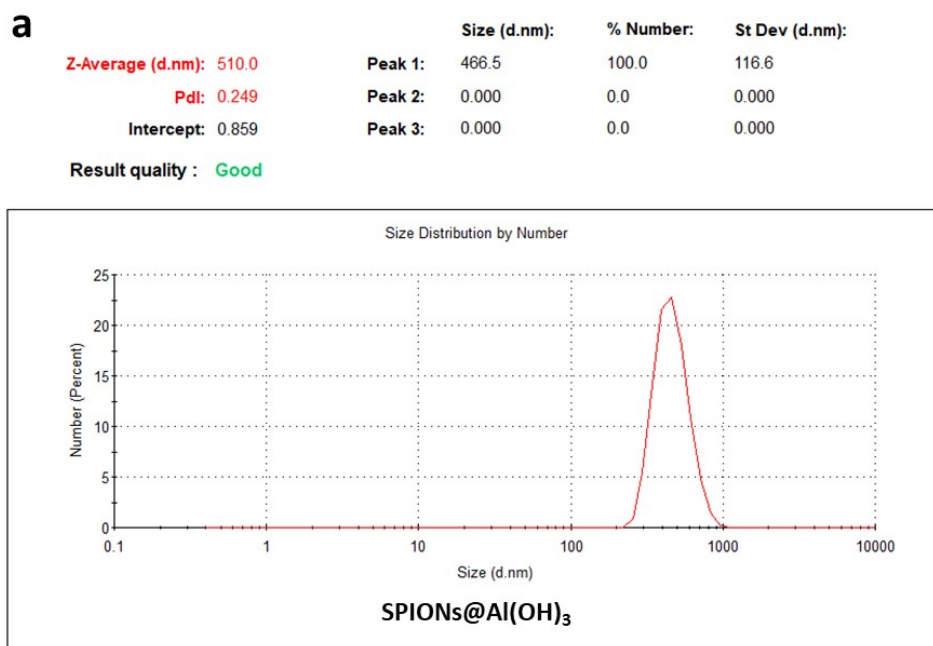


Figure S6: Dynamic Light Scattering measurements of SPIONs@Al(OH)₃: (a) Size Distributions by Number and (b) Zeta Potential Distributions.