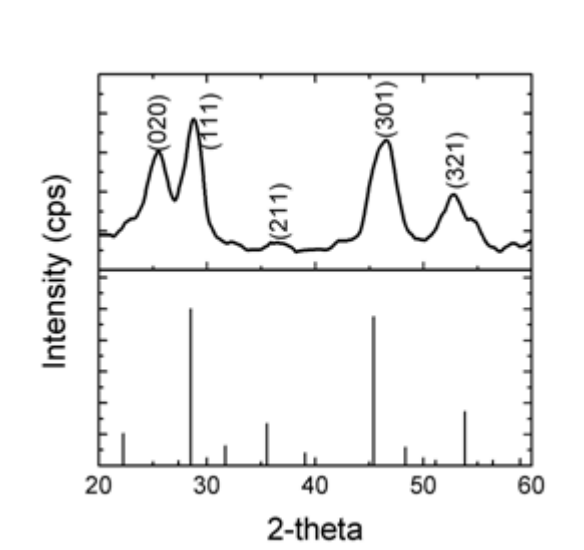


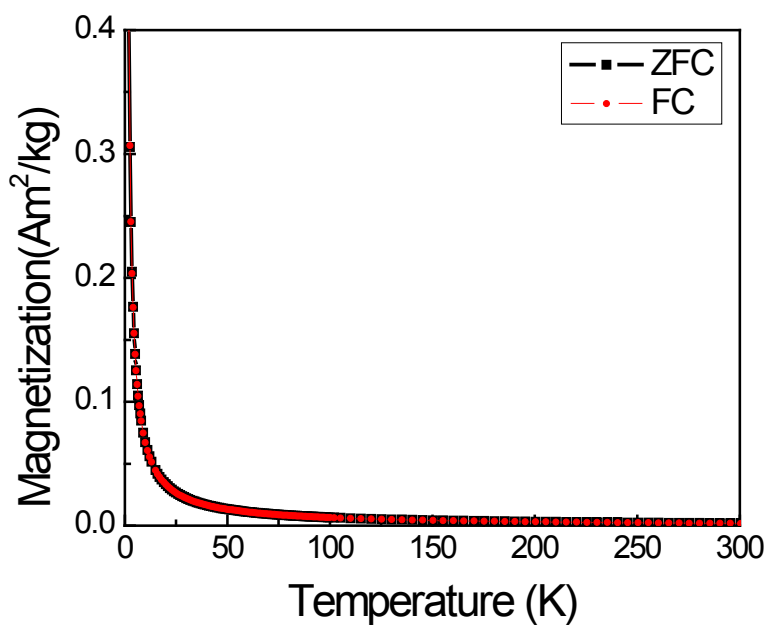
Bimodal Imaging Using Neodymium Doped Gadolinium Fluoride Nanocrystals with Near-Infrared to Near-Infrared Downconversion Luminescence and Magnetic Resonance Properties

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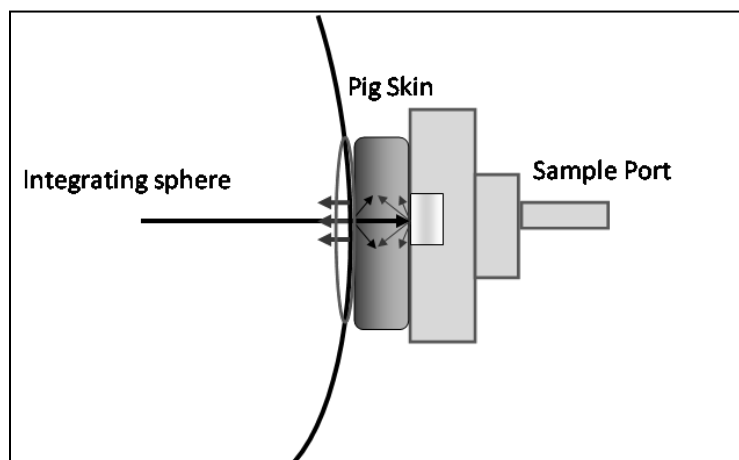
Supporting Information



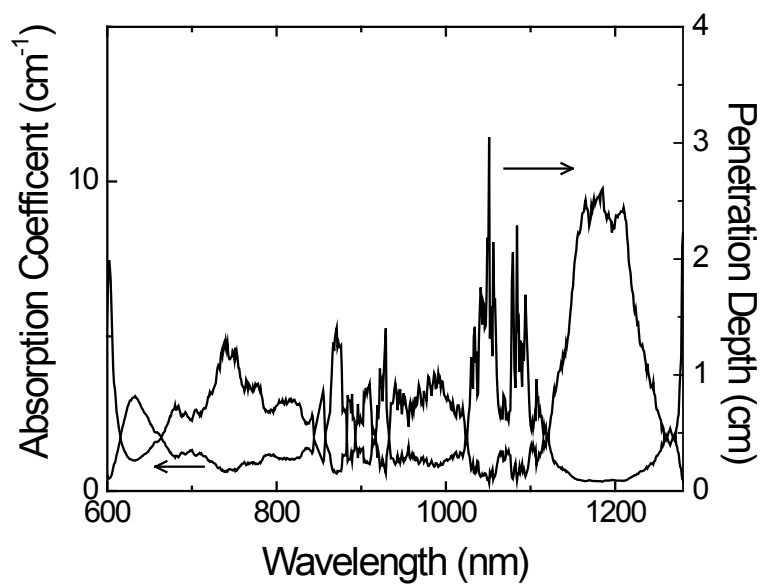
SI-1. XRD patterns of the Nd³⁺: GdF₃ nanoparticles synthesized through thermal decomposition



SI-2. Additional Zero Field cooling (ZFC) - Field Cooling studies of GdF₃:Nd³⁺ nanoparticles.



SI-3. Integrating sphere setup of our GdF₃:Nd³⁺ nanoparticles placed behind pork skin. The particles were excited through the skin and the emission was collected through the skin using various thicknesses of pig skin.



SI-4. The absorption coefficient and penetration depth of pig skin with the highest transmission in the region of emission from Nd³⁺.