

Supplementary Materials: Eu, Gd-Codoped Yttria Nanoprobes for Optical and T₁-Weighted Magnetic Resonance Imaging

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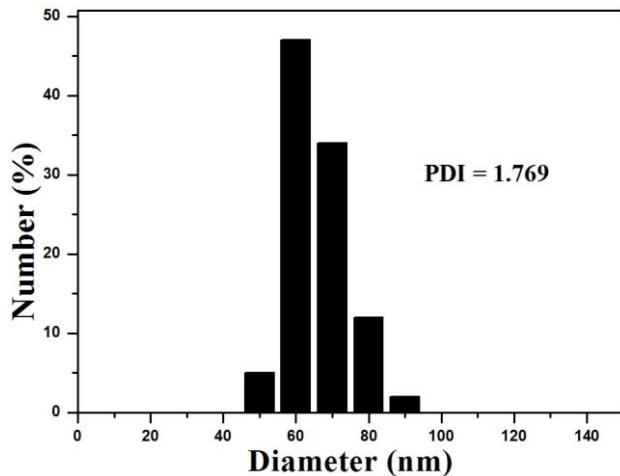


Figure S1. DLS measurements and PDI analysis of 10 mol % Gd³⁺ codoped Y₂O₃:Eu³⁺.

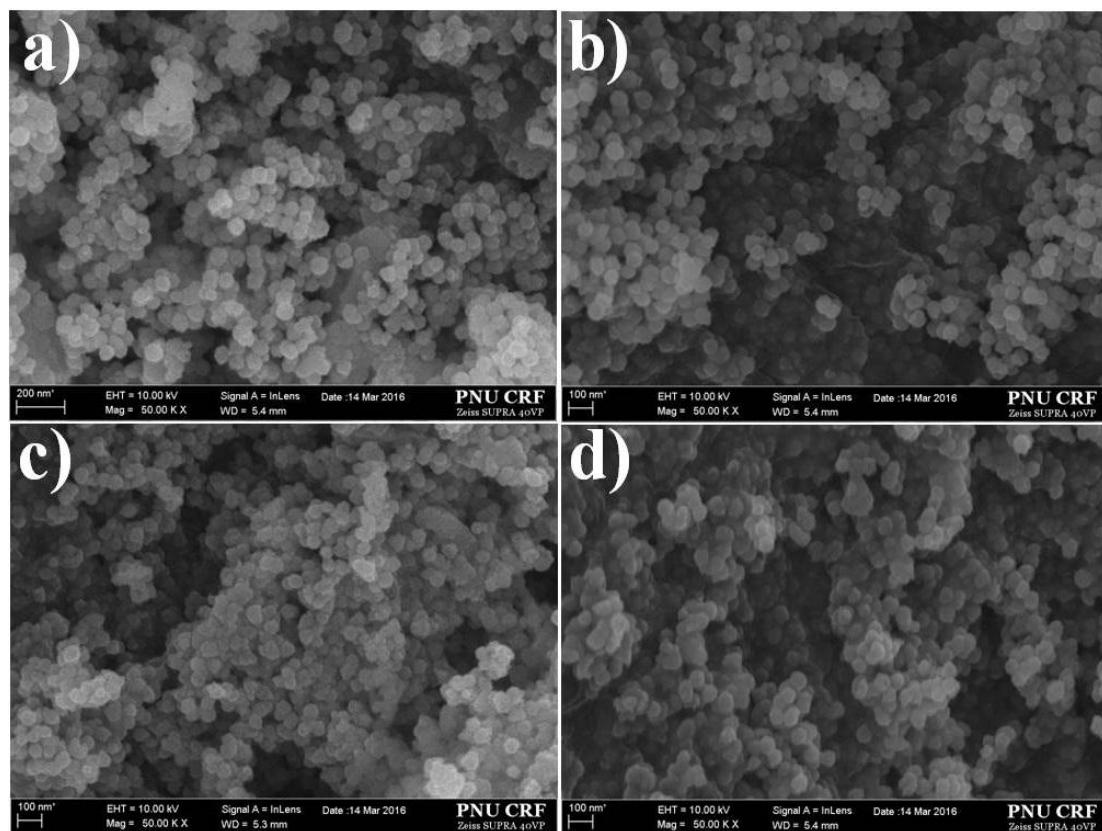


Figure S2. FESEM images of (a) bare Y₂O₃:Eu³⁺; (b) 3 mol % Gd³⁺ codoped Y₂O₃:Eu³⁺; (c) 7 mol % Gd³⁺ codoped Y₂O₃:Eu³⁺; and (d) 10 mol % Gd³⁺ codoped Y₂O₃:Eu³⁺.

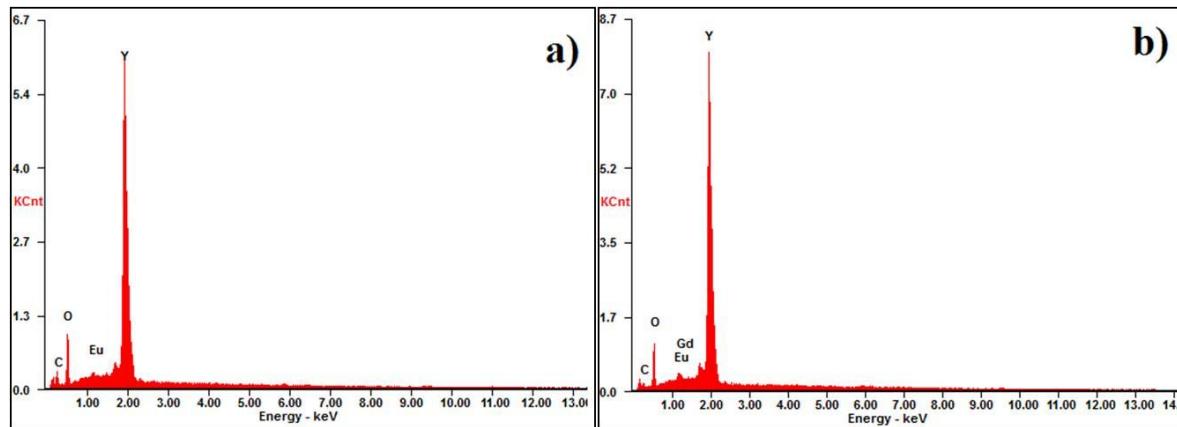


Figure S3. EDX analysis of (a) bare $\text{Y}_2\text{O}_3:\text{Eu}^{3+}$; and (b) 3 mol % Gd^{3+} codoped $\text{Y}_2\text{O}_3:\text{Eu}^{3+}$.

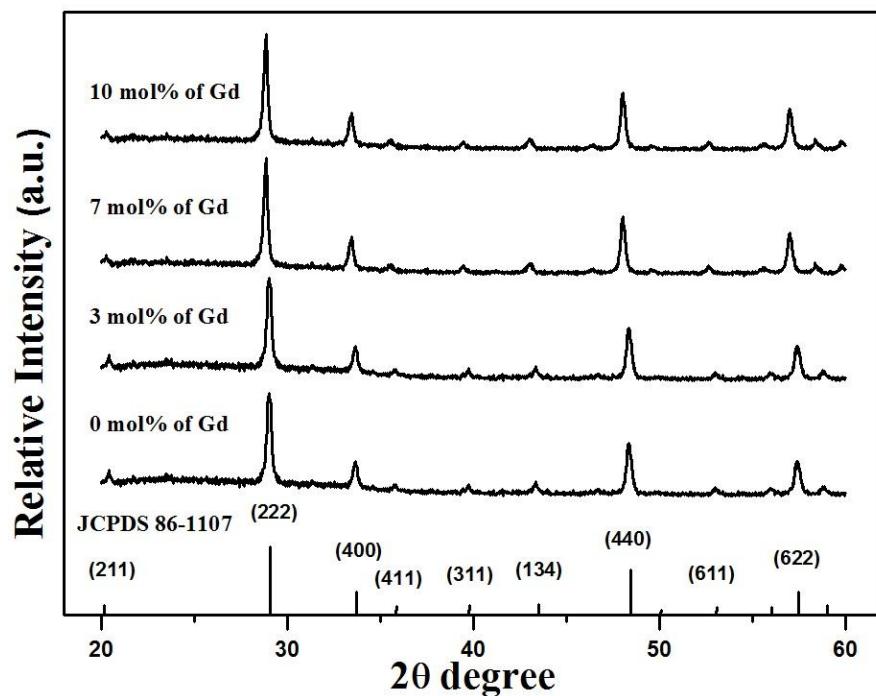


Figure S4. XRD patterns of prepared samples.