Supporting Information


Gadolinium-Doped Iron Oxide Nanoprobe as Multifunctional Bioimaging Agent and Drug Delivery System

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Figure S1. Particle size distributions of different samples.
Figure S2. Scanning TEM images in bright field (a) and dark field (b) and the corresponding element area mappings (c,d,e) of Gd$_{0.3}$Fe$_{2.7}$O$_4$; (f) Gd/Fe ratio in GION through element quantitative analysis.
Figure S3. Energy dispersive X-ray (EDX) bright field studies of GION.
Figure S4. Transverse ($r_2$) and longitudinal ($r_1$) relaxivities of GIONs with different Gd/Fe ratios.
Figure S5. FTIR spectra of DOX (black), GION (red), GION-hydrazide (blue), GION-DOX (green), and FA-GION-DOX (pink).