

Supplementary Information For

Optimization of Surface Coating on Fe₃O₄ Nanoparticles for High Performance Magnetic Hyperthermia Agent

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Table S1. The measured saturation magnetizations, coercivities and remanances of the samples.

	Saturation magnetization (emu/g)	Coercivity (Oe)	Remanance (emu/g)
Unmodified 9 nm	57	0	0
9nm@ 2000	51	0	0
9nm@ 5000	49	0	0
9nm@ 20000	46	0	0
Unmodified 19 nm	73	5.10	2.19
19nm@ 2000	59	6.20	3.48
19nm@ 5000	57	6.15	3.29
19nm@20000	54	6.13	3.14
Unmodified 31 nm	81	22.21	7.24
31nm@ 2000	63	44.76	10.23
31nm@ 5000	63	23.10	7.60
31nm@20000	62	23.22	7.70