

Electronic Supplementary Information

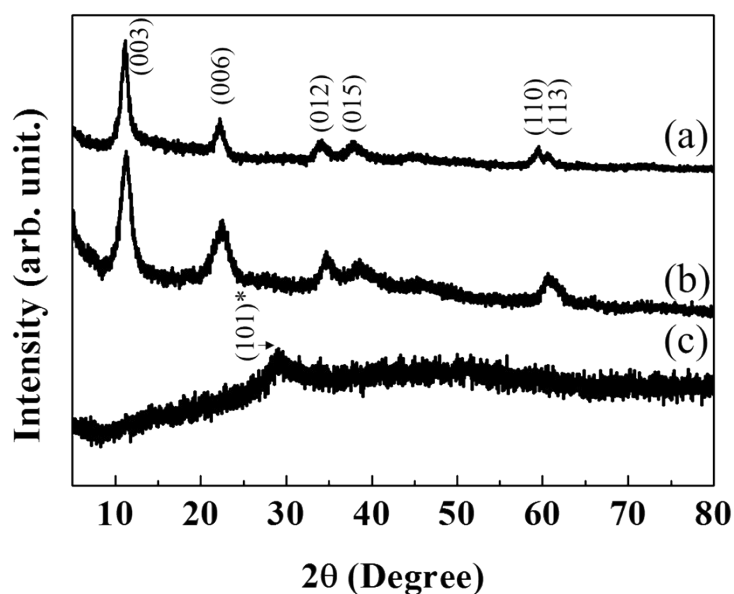


Figure S1. XRD patterns of (a) MgAl-LDH, (b) MgGa-LDH, and (c) Gd(OH)₃.

Table S1. CT values of
MgAl-LDH and MgGa-
LDH.

Concentration (mg/mL)	MgAl-LDH	MgGa-LDH
0.2	52	47
0.4	52	53
0.6	52	52
0.8	58	48
1	73	66
2	63	47
3	43	58
4	77	66
5	58	78

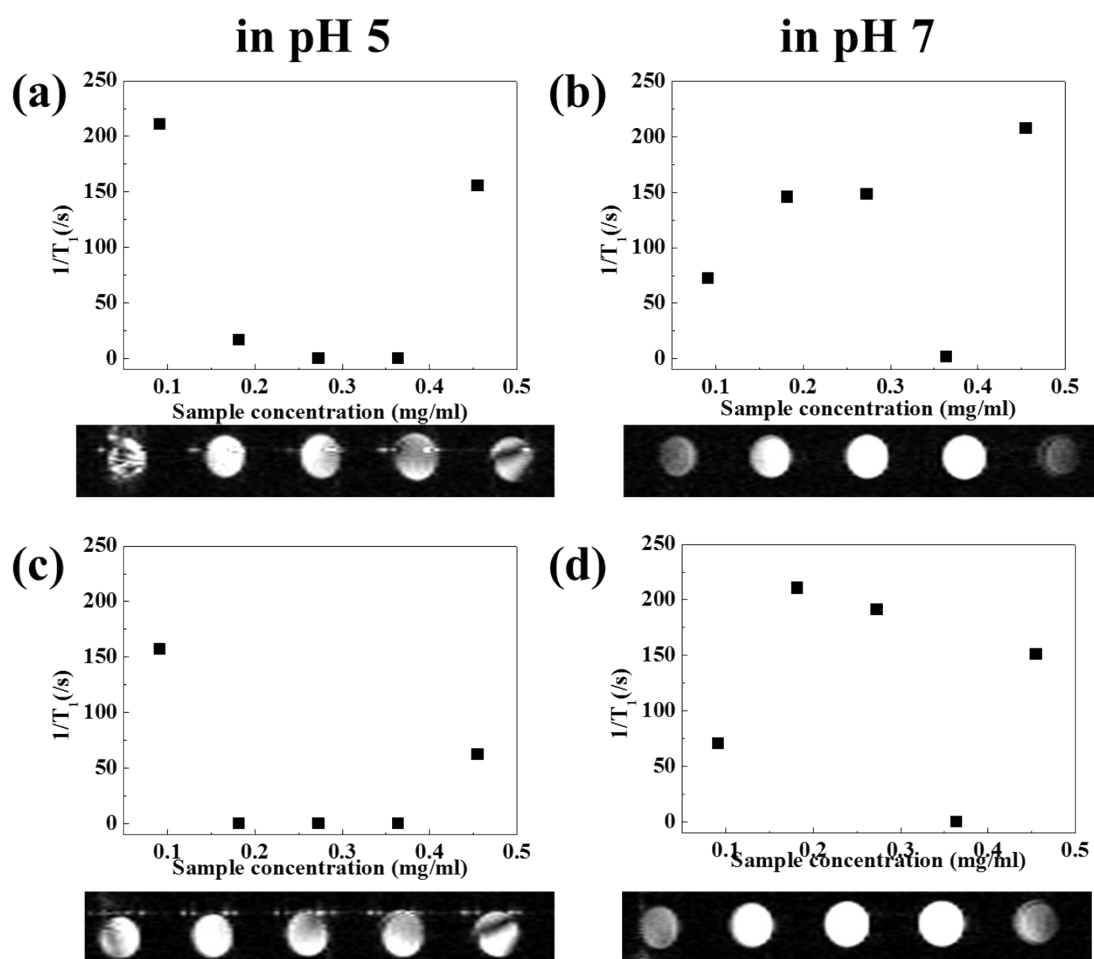


Fig S2: T1 relaxivity plot and MR image of (a) MgAl-LDH in pH 5, (b) MgAl-LDH in pH 7, (c) MgGa-LDH in pH 5, (d) MgGa-LDH in pH 7.

Sample concentration (mg/mL) §

§ As bare LDH did not contain Gd moiety, the LDH concentration was set same to the LDH moiety in the Gd-containing hybrids.

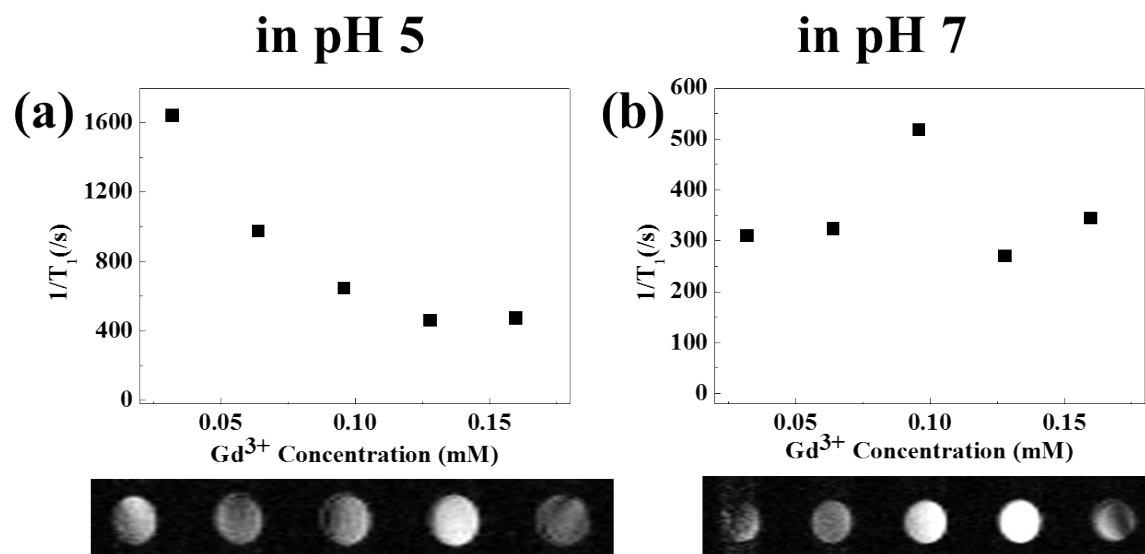


Figure S3: T1 relaxivity plot and MR image of (a) Gd(OH)₃ in pH 5 and (b) Gd(OH)₃ in pH 7.