

Supporting Information

Up-Conversion Cell Imaging and pH-Induced Thermally Controlled Drug Release from NaYF₄: Yb³⁺/Er³⁺@Hydrogel Core-Shell Hybrid Microspheres

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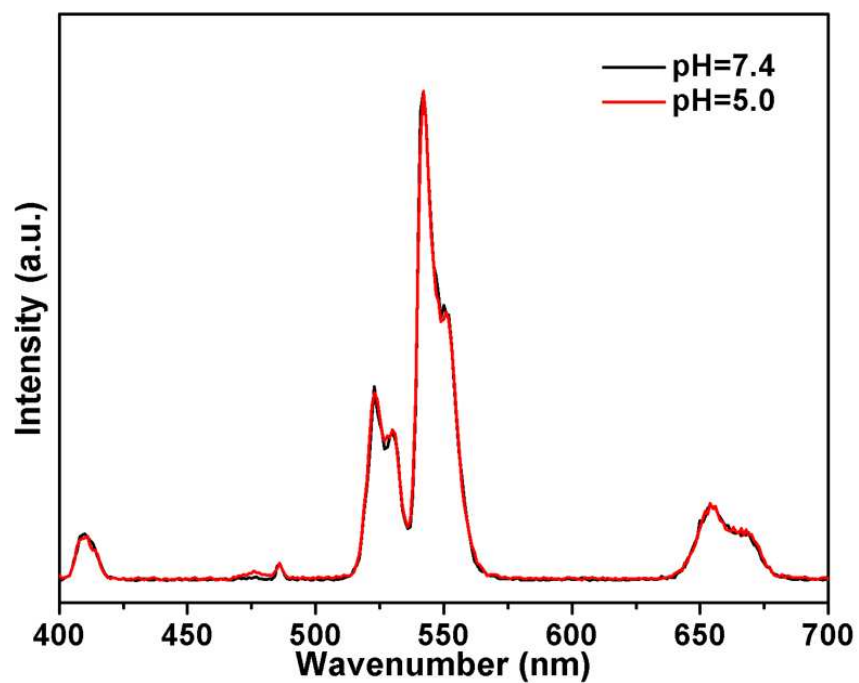


Figure S1 The up-conversion emission spectra of NaYF₄: Yb³⁺/Er³⁺@SiO₂@P(NIPAM-co-MAA) under 980 nm excitation in PBS buffer solutions of different pH values (7.4 and 5.0). Both of the solution concentration is 5mg/mL.

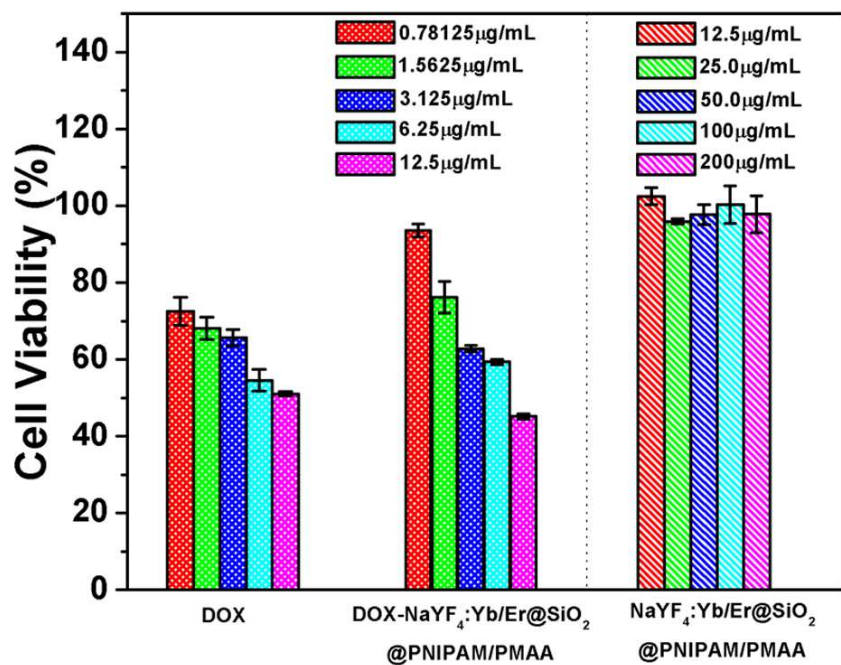


Figure S2. *In vitro* L929 cell viabilities after incubation 48 h with free DOX, DOX-loaded NaYF₄: Yb³⁺/Er³⁺@SiO₂@P(NIPAM-co-MAA) and bare NaYF₄: Yb³⁺/Er³⁺@SiO₂@P(NIPAM-co-MAA) microspheres at different concentrations.