

Supporting information

A photo-triggered hydrogel for bidirectional regulation with imaging visualization

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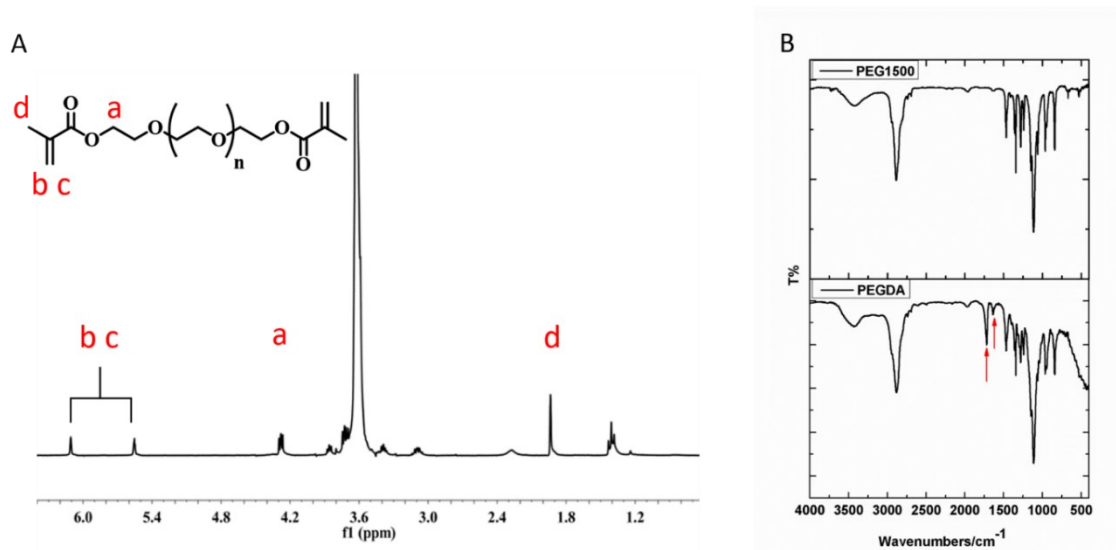


Figure S1. $^1\text{H-NMR}$ of PEGDA (A) and IR spectra of PEG1500 and PEGDA (B).

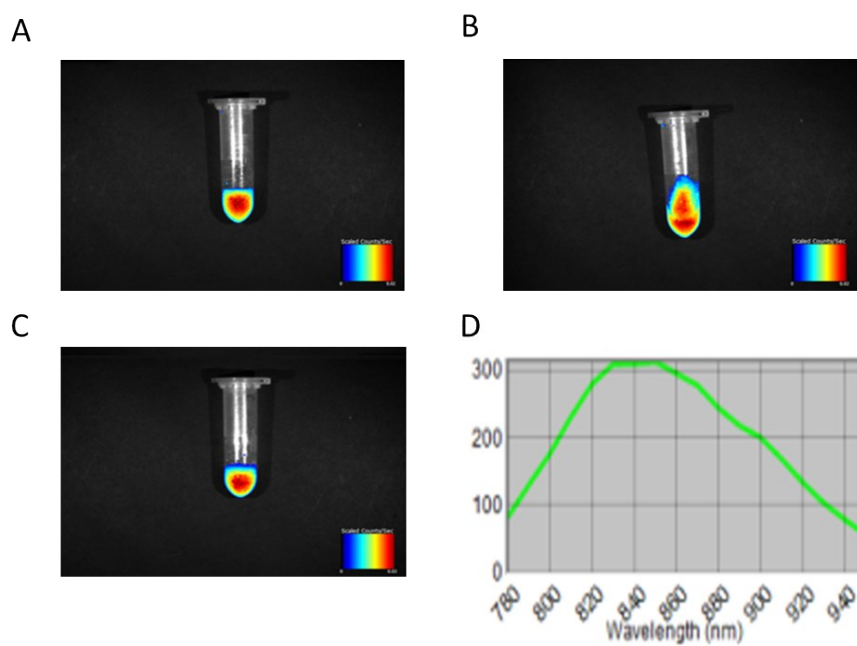


Figure S2. The fluorescence imaging of hydrogel in vitro. (A) IR820- α -CD/PEGDA hydrogel; (B) IR820- α -CD/PEGDA hydrogel after NIR irradiation; (C) UV-cured IR820- α -CD/PEGDA hydrogel; (D) Emission spectra of hydrogels fluorescence.