Injectable Enzymatically-crosslinked Hydrogels Based on Poly(L-glutamic acid) Graft Copolymer

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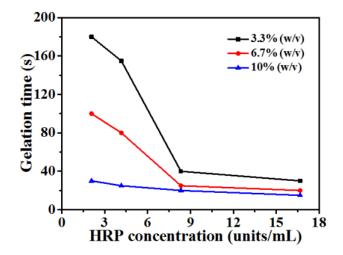


Fig. S1 Dependence of gelation time of PLG-g-TA/PEG hydrogels on PLG-g-TA/PEG concentration. The concentration of H_2O_2 was fixed at 0.8 mM. When the final polymer concentration was fixed at 6.7% (w/v), the hydrogels showed appropriate gelation time and the gelation time could be well adjusted by varying the HRP concentration. In addition, it was found that the hydrogels formed from 3.3% (w/v) polymer solution were relatively unstable. Therefore, the final concentration of PLG-g-TA/PEG solution was set at 6.7% (w/v).

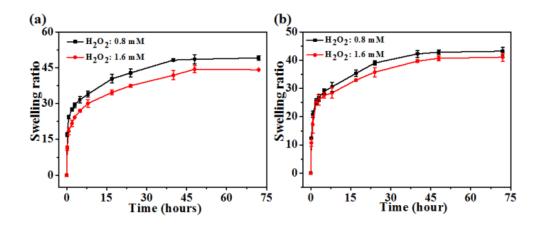


Fig. S2. Swelling ratios of PLG-*g*-TA/PEG hydrogels: (a) HRP concentration fixed at 2 units/mL; (b) HRP concentration fixed at 4 units/mL (n=3).