

Supporting Information

Fabrication of sulfated heterosaccharide/poly (vinyl alcohol) hydrogel nanocomposite for application as wound healing dressing

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1-Tensile test of PVA hydrogel and sulfated heterosaccharide/poly(vinyl alcohol) hydrogel nanocomposite

Cut the hydrogel into 1 cm × 3 cm strips. Measure their thickness and record. Four parallel samples of each hydrogel were tested in a universal material testing machine (MTS Systems Corp., LSB.203 D) at a speed of 10 mm/min.

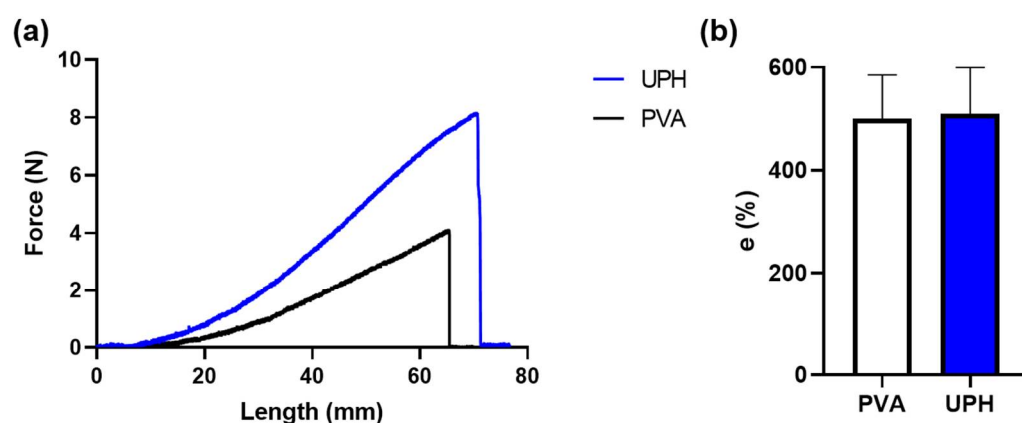


Figure S1. (a) UPH and PVA stress-strain curves; (b) percentage of breaking elongation of UPH and PVA

As shown in Figure S1, PVA hydrogels and UPH had approximately 500% of breaking elongation, and their tensile curves basically conform to the characteristics of elastomers.