

Supporting Information

Locust Bean Gum/Gellan Gum Double-Network Hydrogels with Superior Self-Healing and pH-Driven Shape-Memory Properties

1. Rheological properties of LBG SN hydrogel

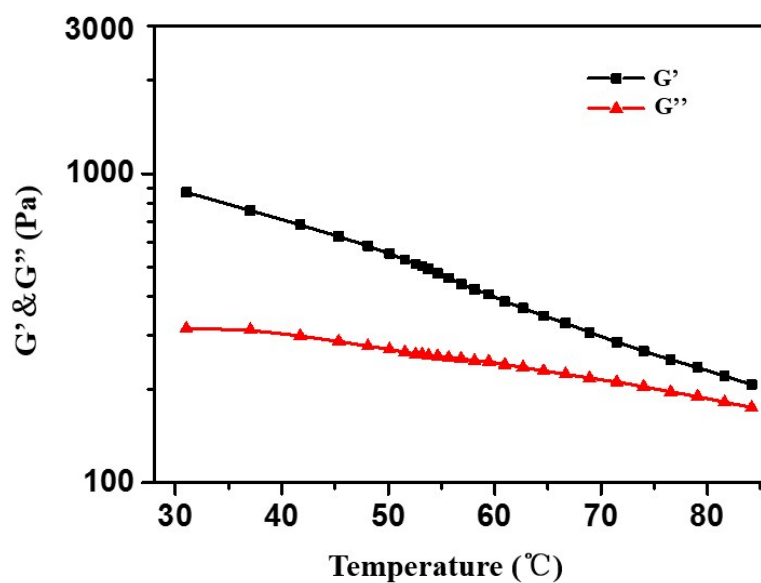


Figure S1. Storage (G') and loss modulus (G'') of the LBG SN hydrogel as a function of temperature.

2. Shape memory process of LBG/Gg DN hydrogels

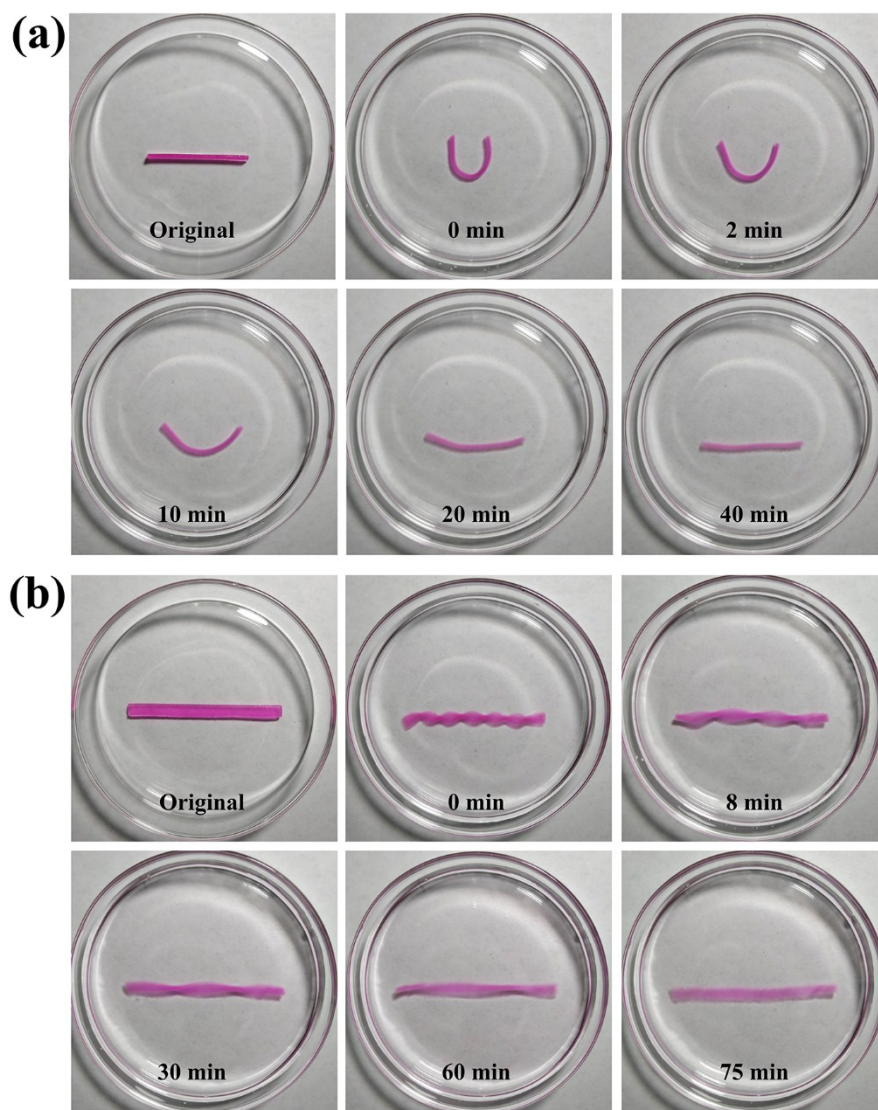


Figure S2. Photos showing the shape memory behaviors of the LBG/Gg DN hydrogels: (a) U shape and (b) spiral shape. The entire process is carried out at room temperature and the size of the hydrogels in (a) and (b) are $40 \times 4 \times 1.5 \text{ mm}^3$ and $60 \times 4 \times 1.5 \text{ mm}^3$, respectively.