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Supporting information

Vancomycin-loaded hydrogels with thermal responsive self-peeling and

sustainable antibacterial properties for wound dressing

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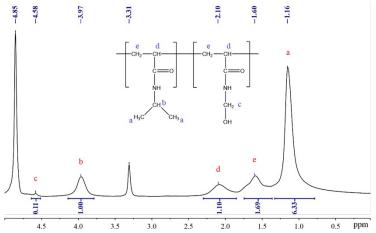


Fig. S1 NMR spectrum of Poly (NIPAAm-co-NMA) copolymer.

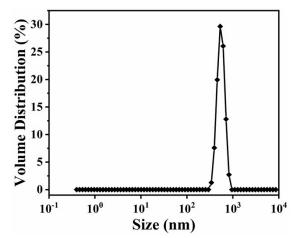


Fig. S2 Diameter distribution of GNs in swollen state.



Fig. S3 Qualitative assessment of adhesivity of Gel-3.

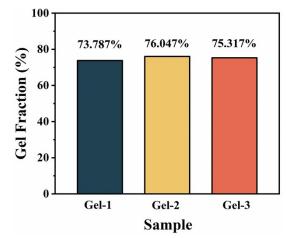


Fig. S4 Gel fraction of Gel-1, Gel-2 and Gel-3.

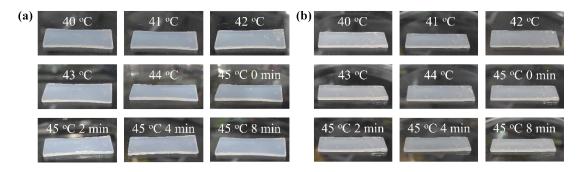


Fig. S5 Optical images of Gel-1 (a) and Gel-2 (b) in water bath under different

temperature.

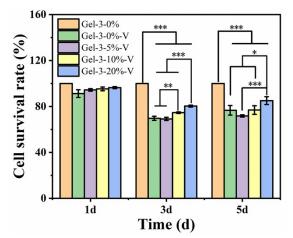


Fig. S6 Cell survival rate of drug-loaded hydrogels with different GNs content.