

Electronic Supplementary Information

StarPEG-heparin biosensors for rapid and portable diagnostics in complex biofluids

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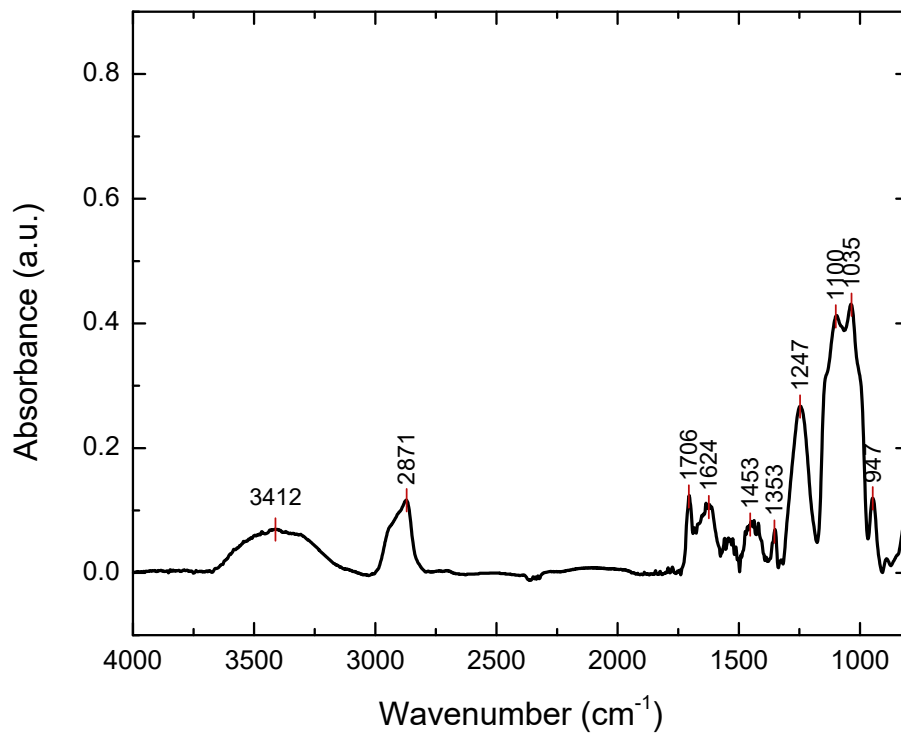


Figure S1. FTIR spectrum of the starPEG-heparin. Absorbance peaks at 1200 cm⁻¹ and 1615 cm⁻² are ascribed to the O=S=O stretching vibrations and COO⁻ band respectively, indicating the presence of heparin.

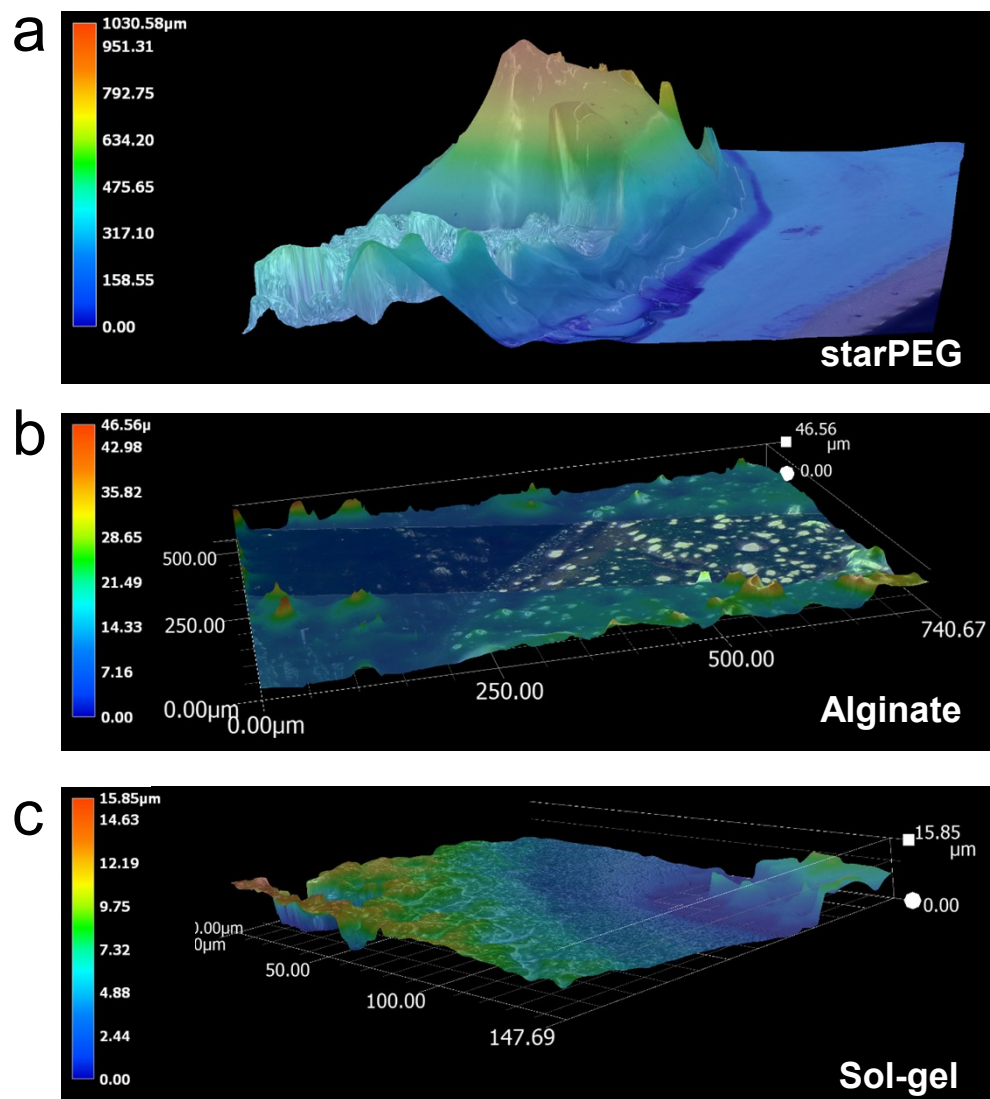


Figure S2. Additional thickness measurements of (a) starPEG-heparin, (b) alginate and (c) sol-gel.