

Supporting Information

Synergistic Occlusion of Doxorubicin and Hydrogels in CaCO₃ Composites for Controlled Drug Release

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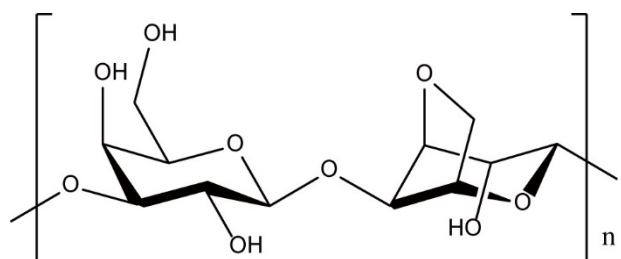


Figure S1. Molecular formula of agarose.

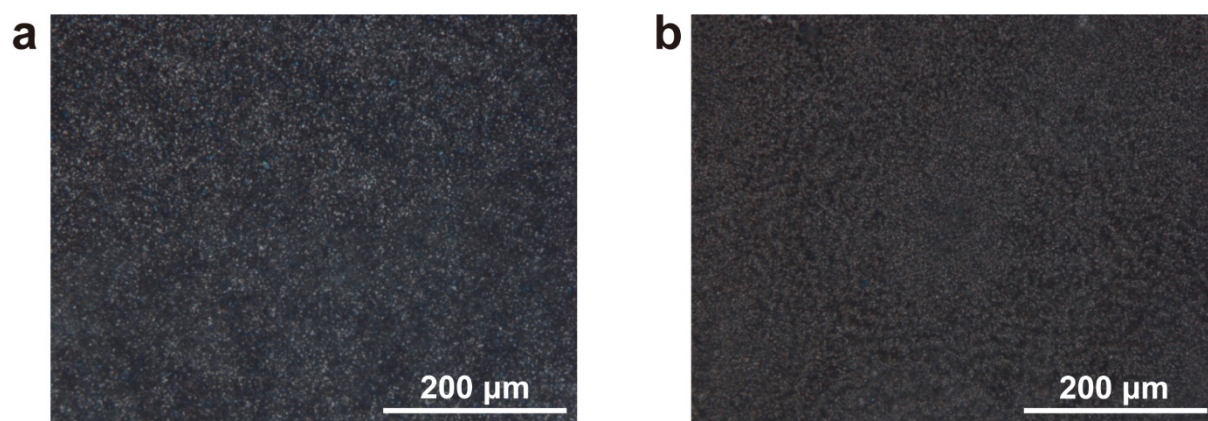


Figure S2. POM images showing DOX-CaCO₃-alginate (**a**) and CaCO₃-alginate (**b**) films obtained in 2 wt% alginate hydrogels.

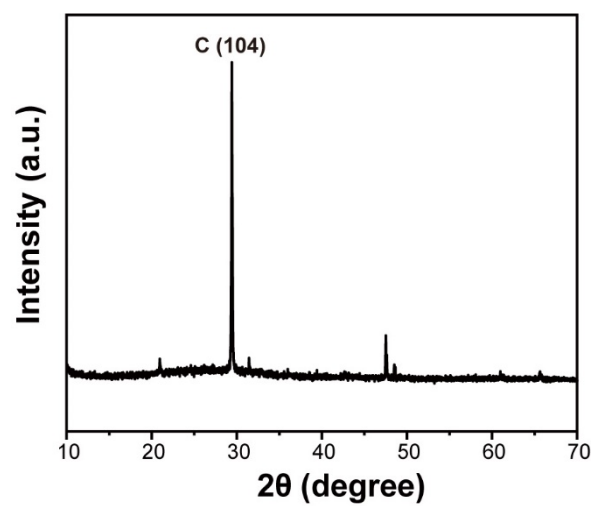


Figure S3. XRD pattern of the DOX-CaCO₃-alginate composites.

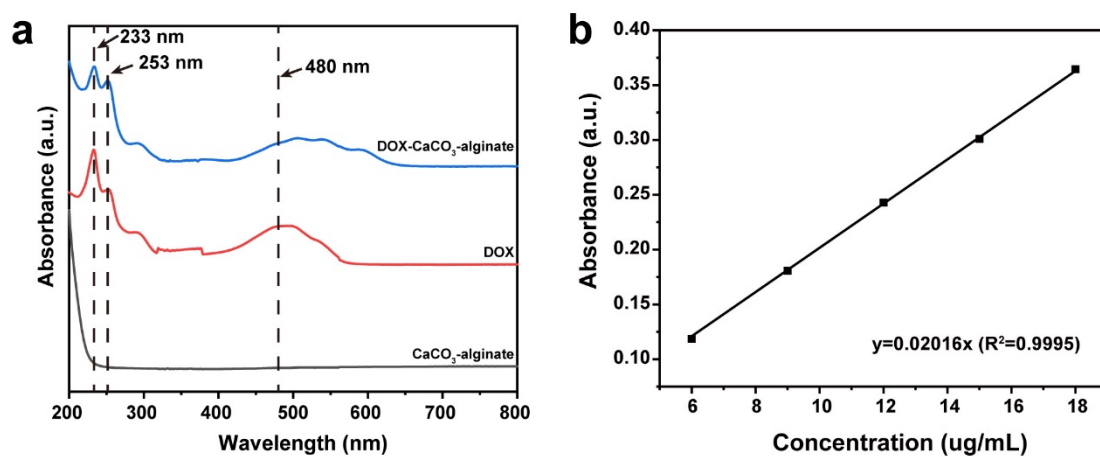


Figure S4. (a) UV-vis spectra of the DOX-CaCO₃-alginate composites, the CaCO₃-alginate composites, and DOX, respectively. (b) The standard UV-vis absorbance curve of DOX at 480 nm.