Supporting Information

pH/Reduction dual-responsive oxidized alginate-doxorubicin (mPEG-OAL-DOX/Cys) prodrug nanohydrogels: Effect of complexation with cyclodextrins

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Figure S1. FTIR spectrum of α -CD obtained with the KBr pellet technique.



Figure S1. The plotted curves: zero-order model mechanism of mPEG-OAL-DOX/Cys(CD) (a); first-order model mechanism of mPEG-OAL-DOX/Cys(CD) (b); zero-order model mechanism of mPEG(CD)-OAL-DOX/Cys (c); and first-order model mechanism of mPEG(CD)-OAL-DOX/Cys (d).





Figure S3. The plotted curves of the Higuchi and Korsmeyer-Peppas drug release models of the mPEG-OAL-DOX/Cys(CD) prodrug nanohydrogels.





Figure S4. The plotted curves of the Higuchi and Korsmeyer-Peppas drug release models of the mPEG(CD)-OAL-DOX/Cys prodrug nanohydrogels.