Thermosensitive PNIPAM semi-hollow spheres for controlled drug release

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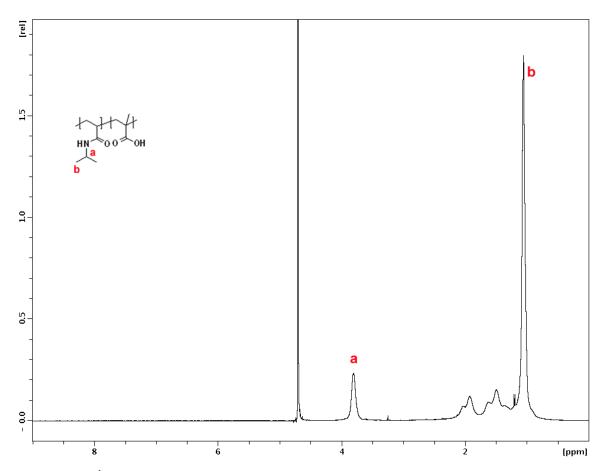


Figure S1. H¹ NMR of PNIPAM-PMAA/ PNIPAM core/shell particles (1/2 ratio) in D₂O.

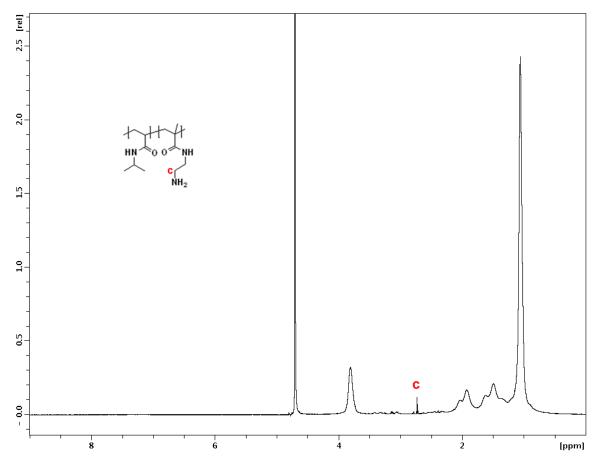


Figure S2. H^1 NMR of PNIPAM-PMAA/ PNIPAM core/shell particles (1/2 ratio) modified with ethylenediamine in D_2O .

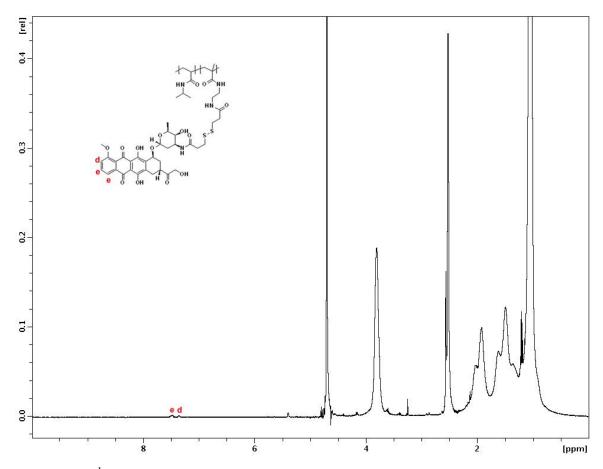


Figure S3. H^1 NMR of PNIPAM-PMAA/ PNIPAM core/shell particles (1/2 ratio) conjugated with DOX in $D_2O/DMSO-d_6$. The peak d and e indicated the successful conjugation of DOX.

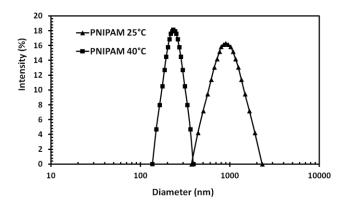


Figure S4. Size distribution histogram of self-cross-linked PNIPAM core at 25 and 40 °C.

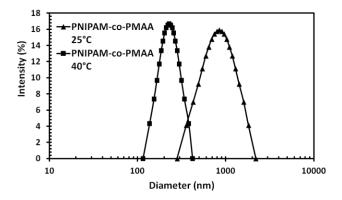


Figure S5. Size distribution histogram of self-cross-linked PNIPAM-co-PMAA core at 25 and 40 °C.

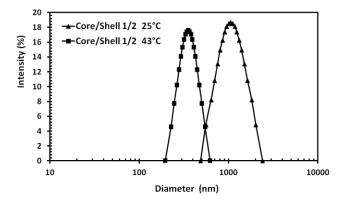


Figure S6. Size distribution histogram of core/shell 1/2 particles at 25 and 43 °C.

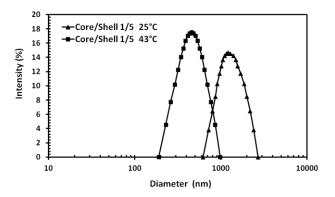


Figure S7. Size distribution histogram of core/shell 1/5 particles at 25 and 43 °C.

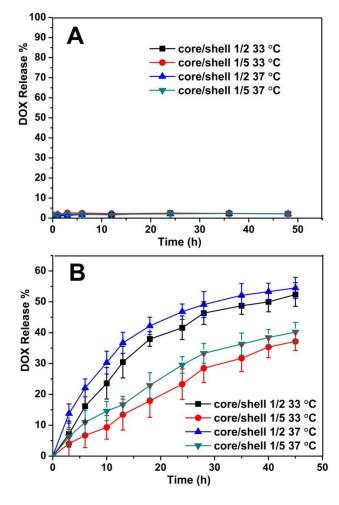


Figure S8. Releasing of DOX from semi-hollow spheres with (B) or without (A) GSH at 33 and 37 $^{\circ}$ C.