Electronic supplementary information (ESI)

Self-assembly and micelle-to-vesicle transition from star triblock ABC copolymers based on cyclodextrin core

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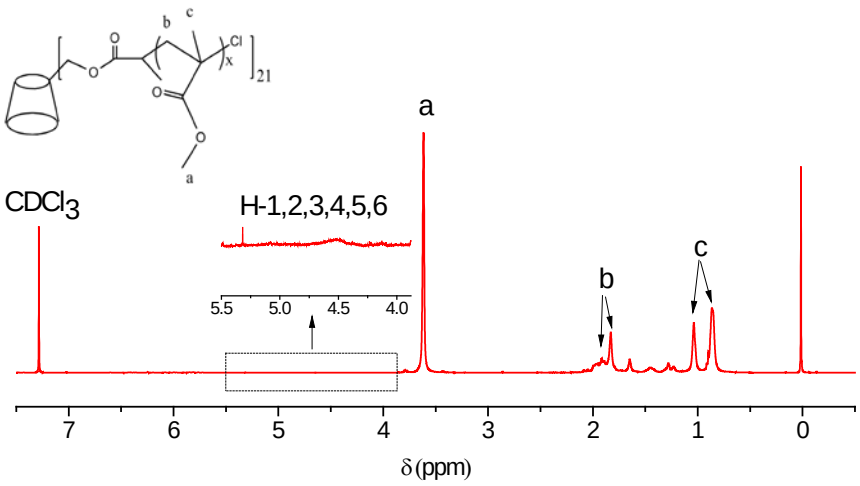

Fig. S1 ^{1}H NMR spectrum of CD-$(PMMA_{63})_{21}$ (400 MHz).

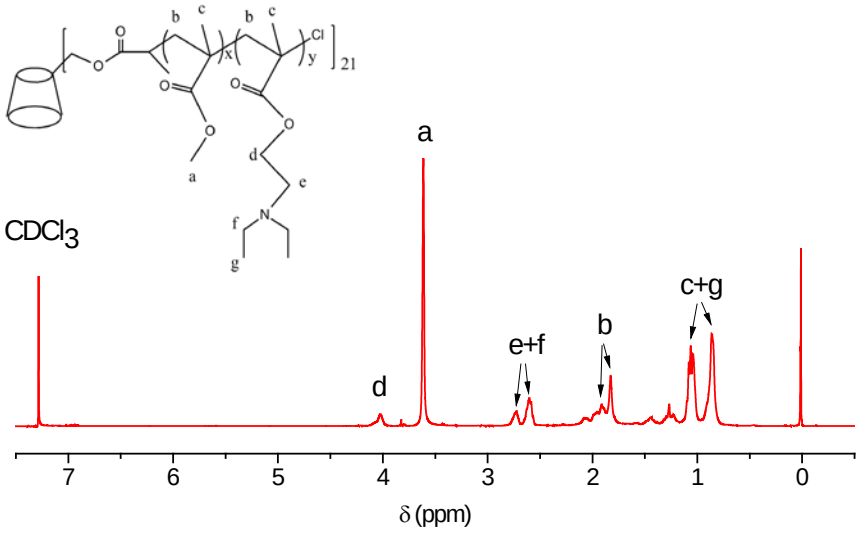

Fig. S2 ^{1}H NMR spectrum of CD-(PMMA$_{63}$-*b*-PDEA$_{15}$)$_{21}$ (400 MHz).

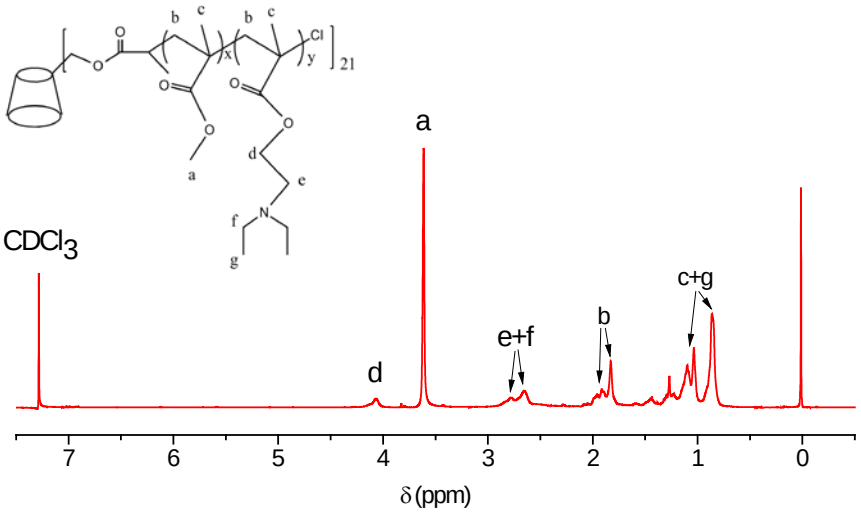

Fig. S3 ^{1}H NMR spectrum of CD-(PMMA$_{63}$-*b*-PDEA$_{20}$)$_{21}$ (400 MHz).

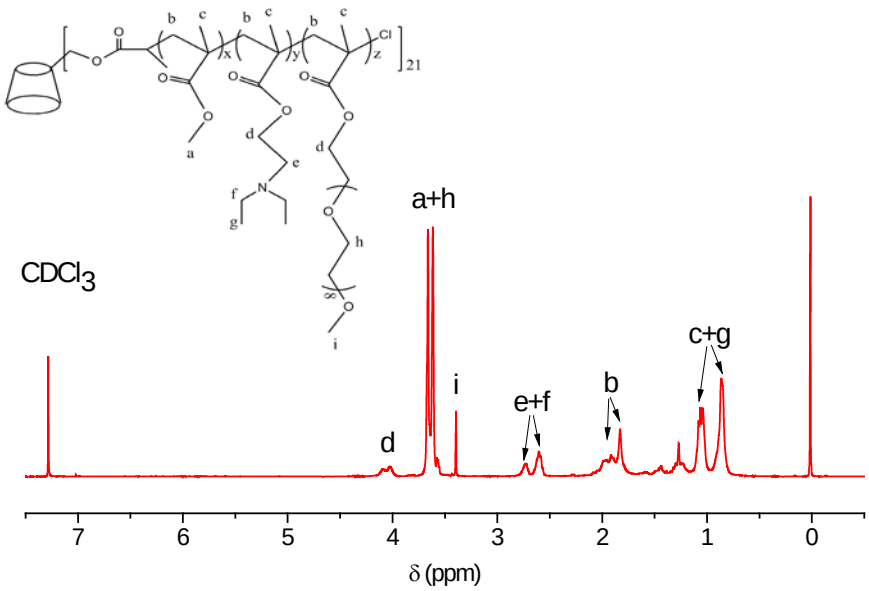

Fig. S4 ^{1}H NMR spectrum of CD-(PMMA$_{63}$-*b*-PDEA$_{15}$-*b*-PPEGMA$_{9}$)$_{21}$ (400 MHz).

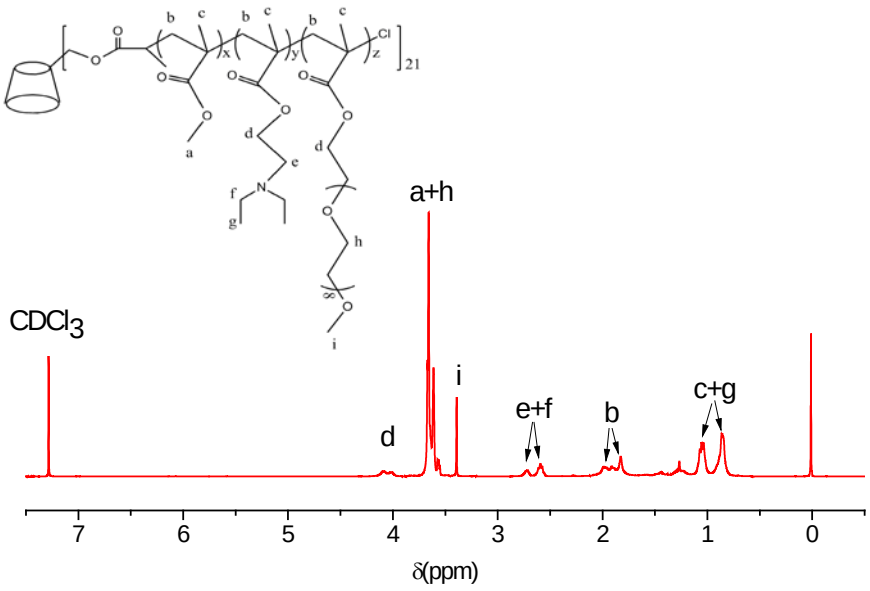

Fig. S5 ^{1}H NMR spectrum of CD-(PMMA$_{63}$-*b*-PDEA$_{15}$-*b*-PPEGMA$_{14}$)$_{21}$ (400 MHz).

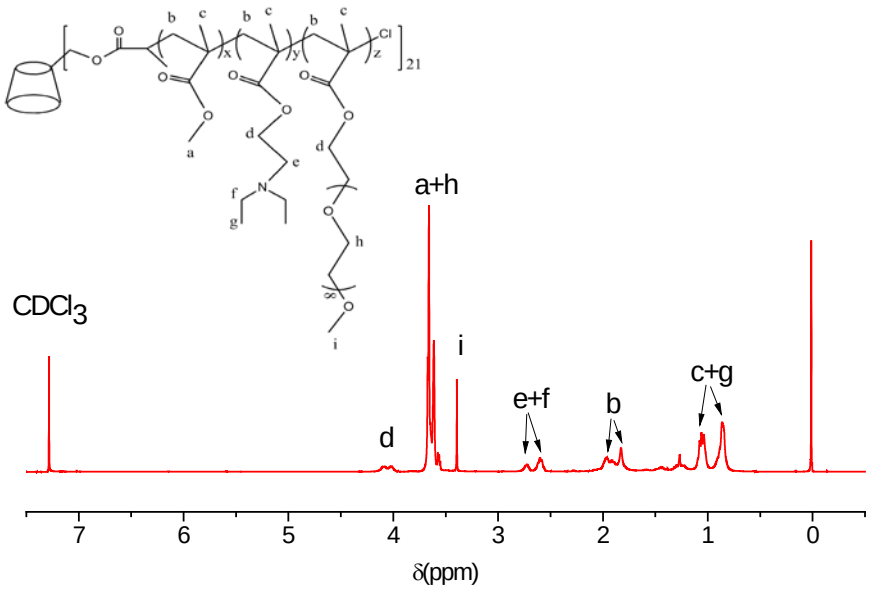

Fig. S6 ^{1}H NMR spectrum of CD-(PMMA$_{63}$-*b*-PDEA$_{20}$-*b*-PPEGMA$_{17}$)$_{21}$ (400 MHz).

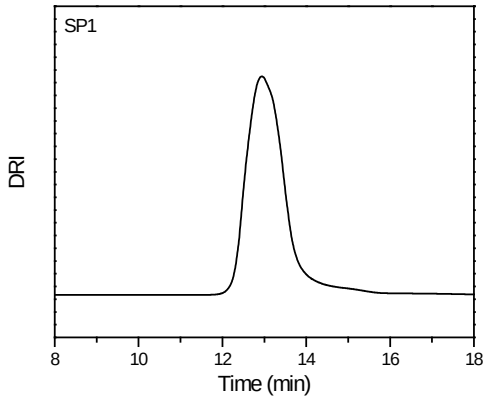

Fig. S7 DRI signal of SEC/MALLS measurement of **SP1**.

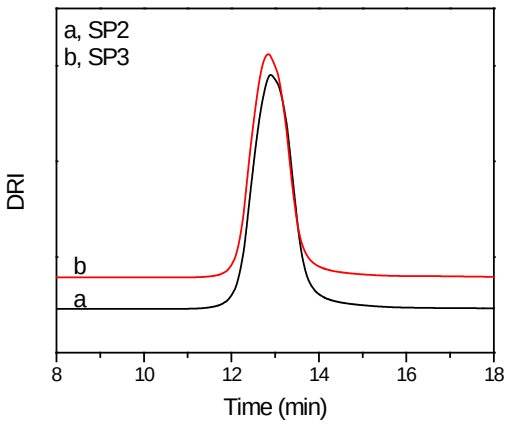

Fig. S8 DRI signals of SEC/MALLS measurements of **SP2** and **SP3**.

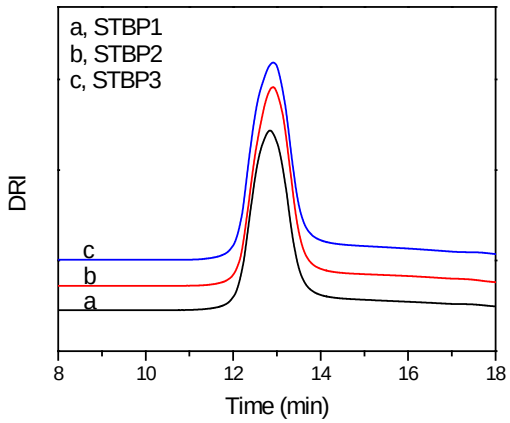

Fig. S9 DRI signals of SEC/MALLS measurements of **STBP1~3**.

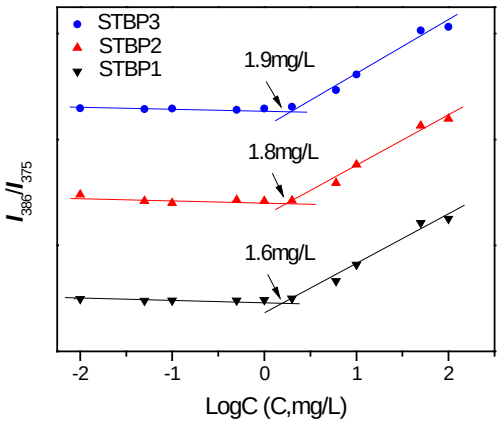

Fig. S10 The intensity ratios (I_{386}/I_{375}) as function of logarithm of CD-(PMMA-*b*-PDEA-*b*-PPEGMA)$_{21}$ concentrations at pH 7.4.

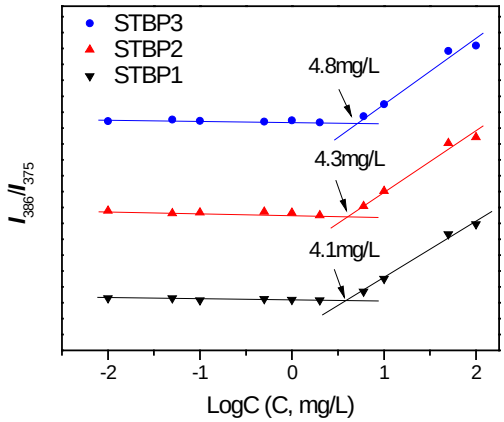

Fig. S11 The intensity ratios (I_{386}/I_{375}) as function of logarithm of CD-(PMMA-*b*-PDEA-*b*-PPEGMA)$_{21}$ concentrations at pH 5.0.

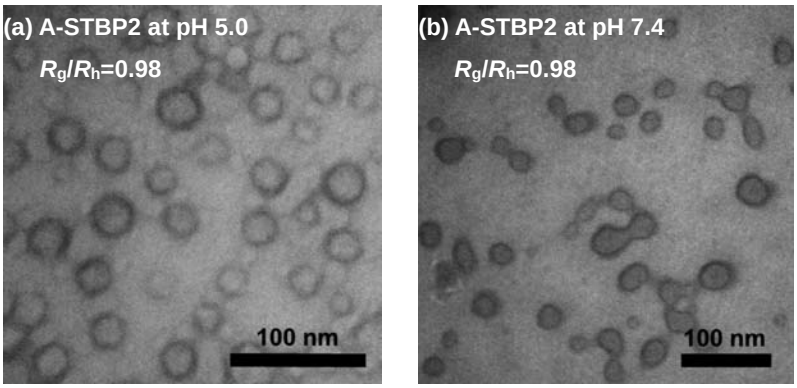

Fig. S12 TEM images of **A-STBP2** at pHs 5.0 (a) and 7.4 (b).

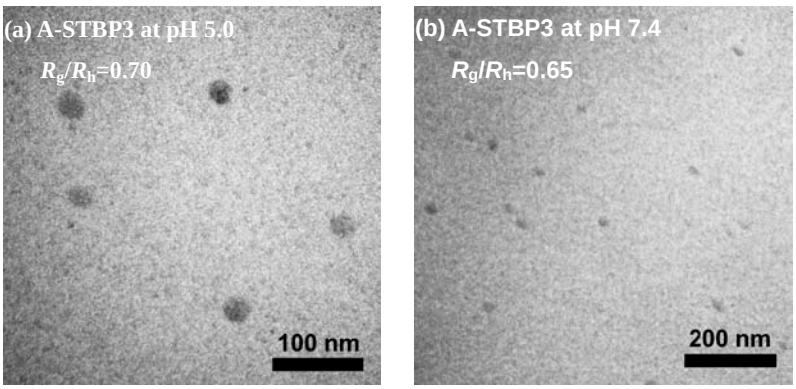

Fig. S13 TEM images of **A-STBP3** at pHs 5.0 (a) and 7.4 (b).

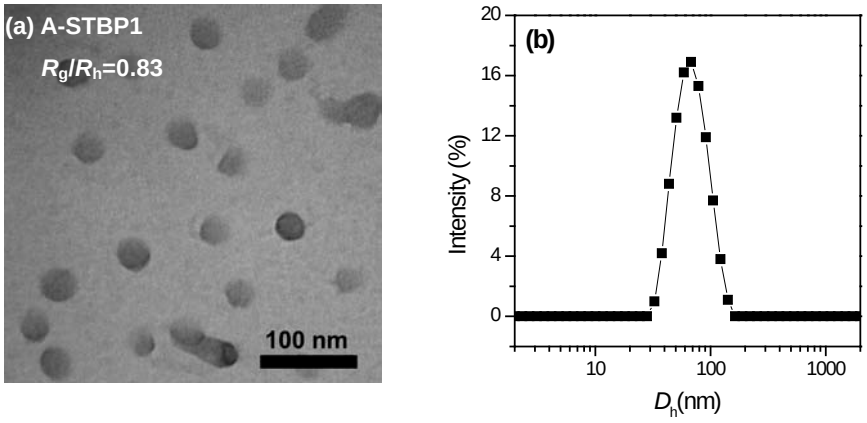

Fig. S14 TEM image (a) and DLS measurement (b) of **A-STBP1** in aqueous NaCl solution.

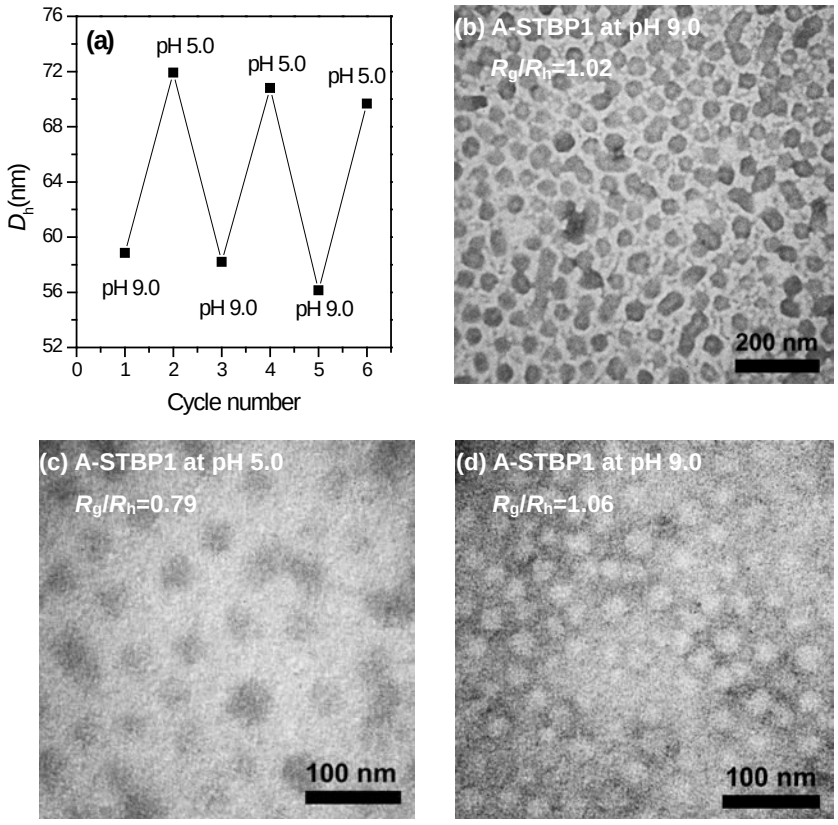

Fig. S15 D_hs (a) and TEM images (b-d) of **A-STBP1** in aqueous NaCl solution under the conditions of pH alteration between 9.0 and 5.0. TEM images b~d correspond to cycle numbers 1, 2 and 3 in Fig. S15a, respectively.

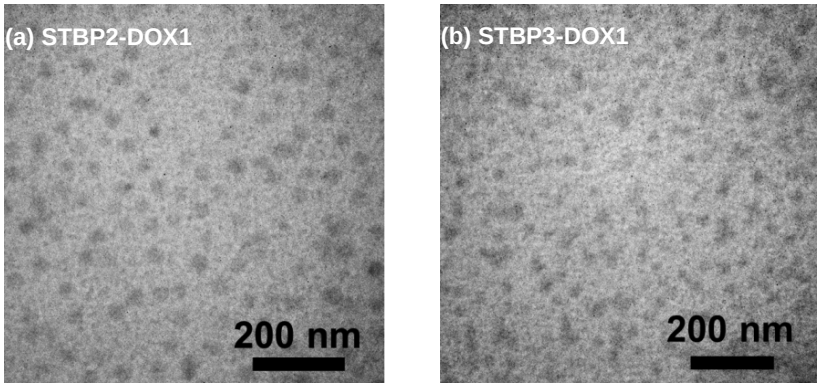

Fig. S16 TEM images of **STBP2-DOX1** (a) and **STBP3-DOX1** (b).

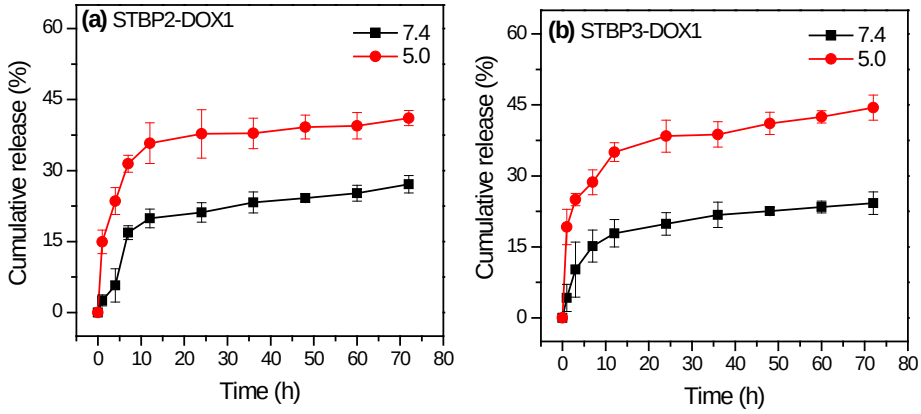

Fig. S17 Release profiles of DOX from **STBP2-DOX1 (a) and STBP3-DOX1 (b)** at pHs 7.4 and 5.0 and 37 °C**.**