Supplementary Materials: Synthesis of Novel Temperature- and pH-Sensitive ABA Triblock Copolymers P(DEAEMA-*co*-MEO$_2$MA-*co*-OEGMA)-*b*-PEG-*b*-P(DEAEMA-*co*-MEO$_2$MA-*co*-OEGMA): Micellization, Sol–Gel Transitions, and Sustained BSA Release

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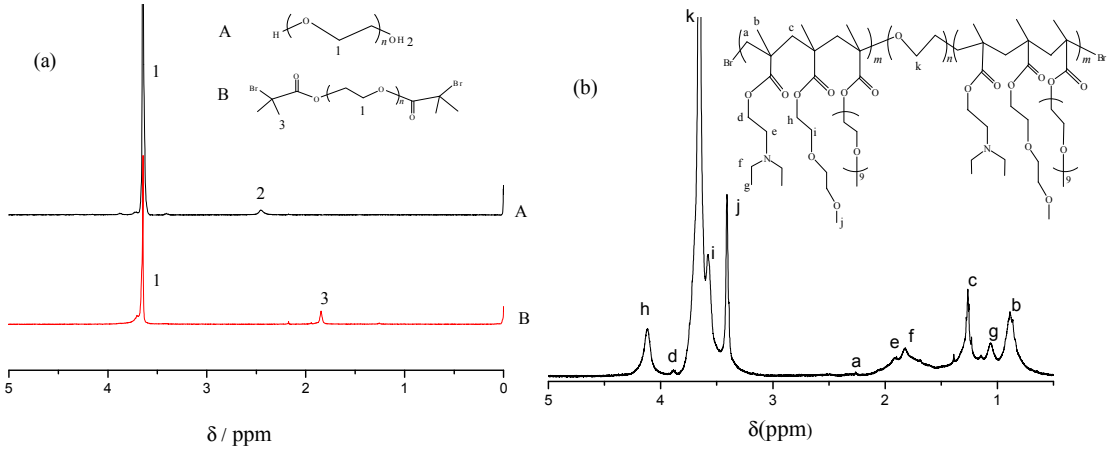

Figure S1. ^{1}H NMR spectra of: (**a**) poly(ethylene glycol) (PEG) (A), Br–PEG–Br (B); and (**b**) ABA.

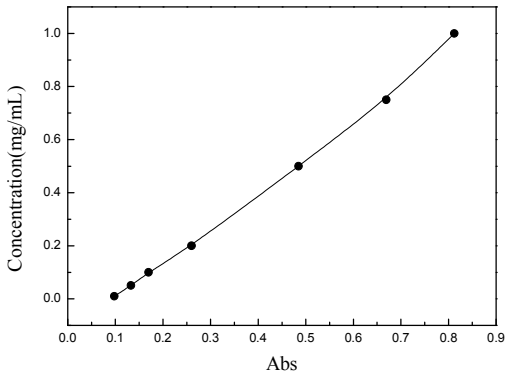

Figure S2. The calibration curve of concentration versus absorbance (Abs) of BSA in buffer solution (pH 7.4).

Table S1. Characterization of copolymers.

ABA	PD of A block	M_n (Br-PEG-Br)	M_n (ABA) [a]	PDI [a]	A% (wt %)	LCST/°C
P1:A$_{50}$BA$_{50}$	50	4,659	27,687	1.19	42	47.5
P2:A$_{100}$BA$_{100}$	100	4,659	44,783	1.18	45	37.5
P3:A$_{150}$BA$_{150}$	150	4,659	63,480	1.11	46	35
P4:A$_{200}$BA$_{200}$	200	4,659	88,593	1.01	47	30
P5:A$_{100}$BA$_{100}$	100	2,159	43,289	1.21	48	29
P6:A$_{100}$BA$_{100}$	100	8,359	48,563	1.11	42	50
P7:A$_{100}$BA$_{100}$	100	10,583	50,029	1.01	40	56

[a] Determined by gel permeation chromatography (GPC).