Supporting Information

Light-Mediated One-pot Synthesis of ABC Triblock Copolymer in Aqueous Solution via RAFT and The Effect of pH on the Copolymer Self-Assembly

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Figure S1. Hydrodynamic diameter of the self-assembled nanostructures of E17-D45 at different pHs.
Figure S2. Hydrodynamic diameter of $E_{17}-D_{45}-H_x$ at different reaction time (increasing hydrophobic chain length) under acidic condition. Inset shows the enlarged plot of the hydrodynamic diameter of nanostructures of size less than 200 nm.
**Figure S3.** TEM images of 0.4 % (w/w) solution of E_{17}-D_{45}-H_{220} at pH ≥ 8 at different sample locations in the TEM grid.