Supplementary Materials: Drug Release by Direct Jump from Poly(ethyleneglycol-b-ε-caprolactone) Nano-Vector to Cell Membrane

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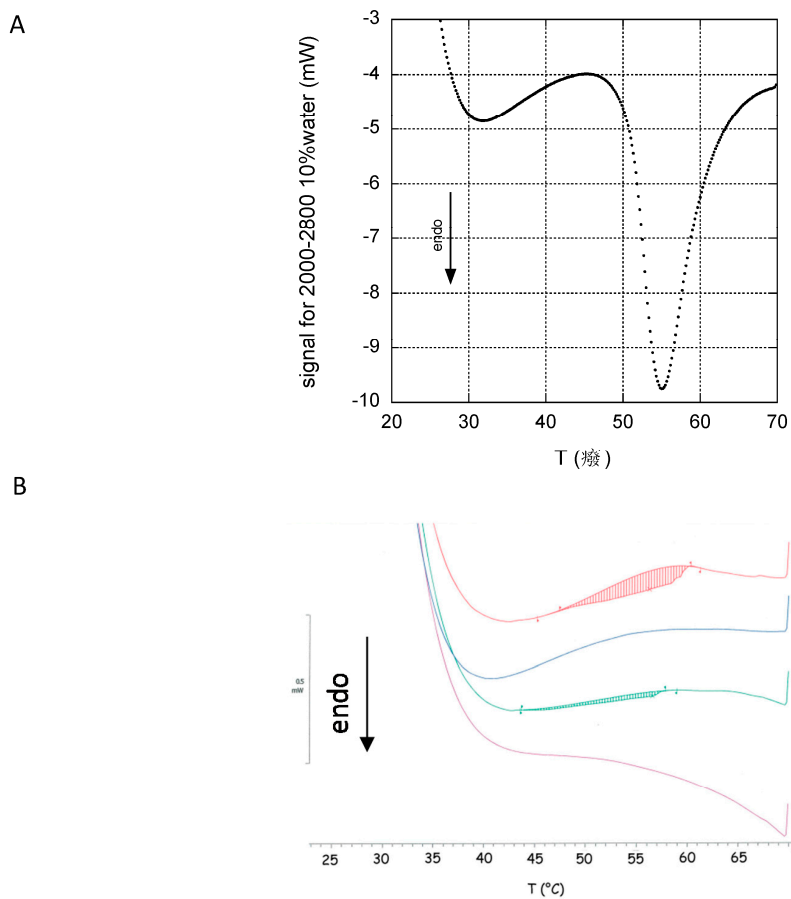

Figure S1. (**A**) DSC analysis of a 10% wt solution of {PEO(2000)-b-PCL(2800)} in water; (**B**) DSC analysis of 0.4% wt polymeric self-assemblies in water. Red upper curve: 2000-2800, blue curve: 2000-2800 1/30 Pheo-a, green curve: 5000-4000, purple lower curve: 5000-4000 1/30 with Pheo-a.
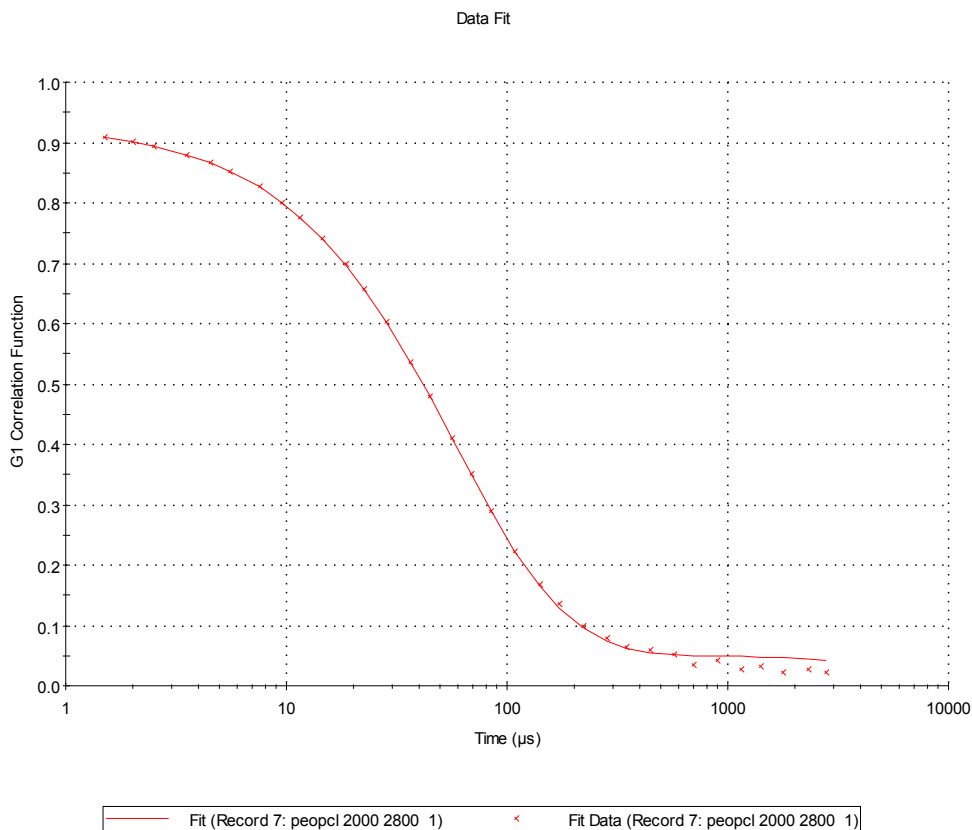
Data Fit

Figure S2. Typical correlogram and fit for DLS analyses.

Size Distribution by Intensity
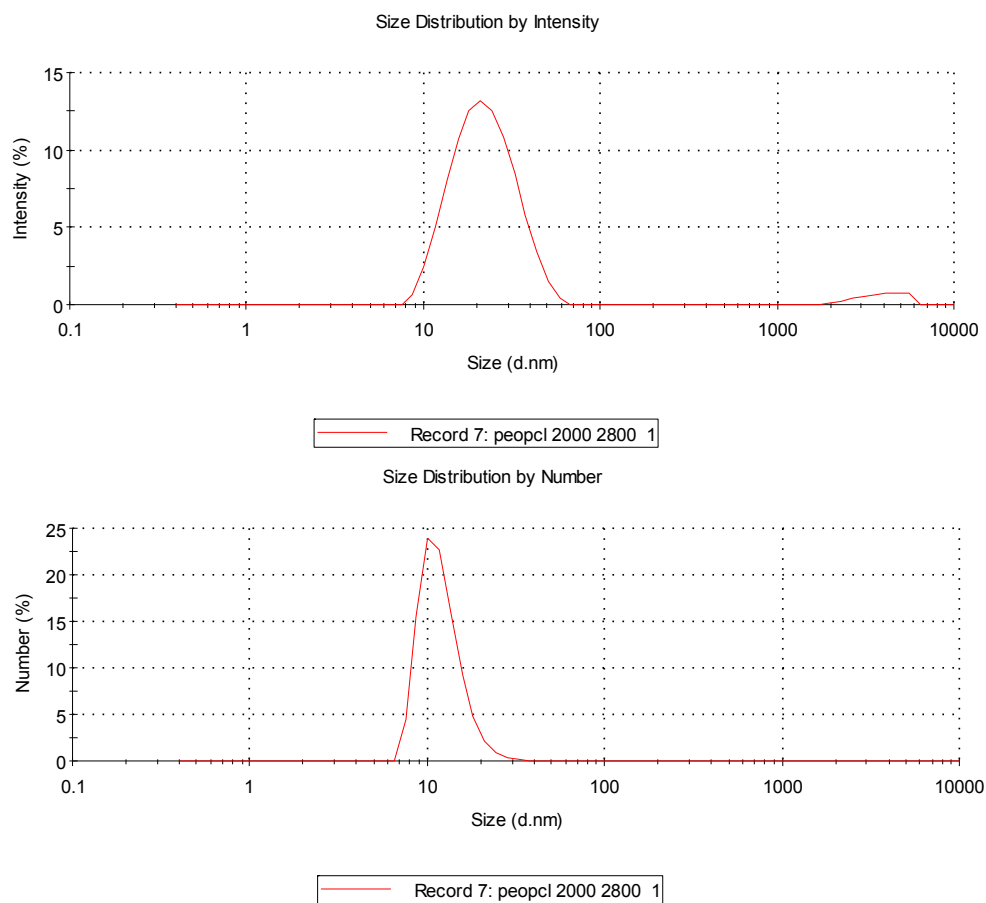

Size Distribution by Number

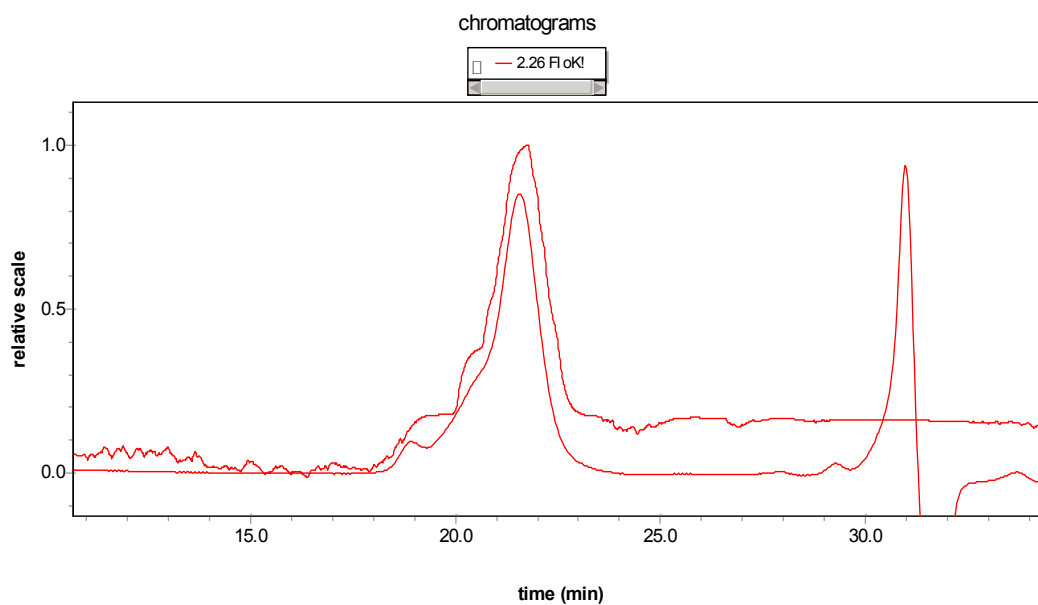**Figure S3.** Typical DLS analysis by intensity or number means.

Figure S4. Size-Exclusion Chromatography of PEO-PCL-fluorescein. Full line, UV signal; dotted line, refractometric signal. The right-sided peak on the refractometric signal was due to solvent injection.
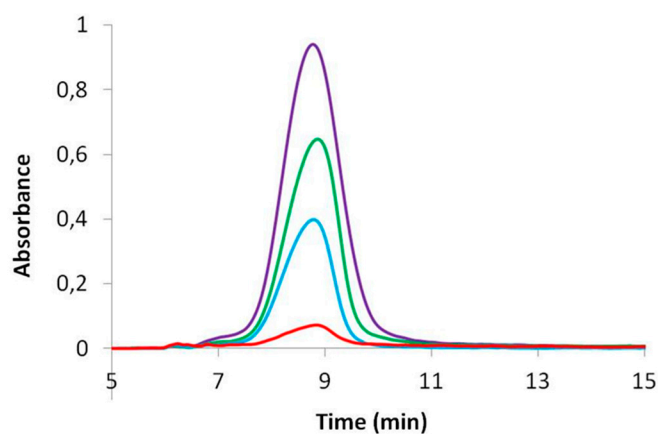

Figure S5. AFlFFF analysis of {PEO(2000)-b-PCL(2600)} micelles with increased ratios of PEO-PCL-fluorescein. Red 0%, blue 2 mol %, green 4%, purple.