

Materials List for:

Assembly and Characterization of Polyelectrolyte Complex Micelles

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URL: <https://www.jove.com/video/60894>

DOI: [doi:10.3791/60894](https://doi.org/10.3791/60894)

Materials

Name	Company	Catalog Number	Comments
70 mm circle filter paper	Whatman	1001-070	Filter paper for wicking during grid prep
Carbon Film TEM grid	Electron Microscopy Sciences	CF200-Cu	TEM grid
DAWN	Wyatt Technology	DAWN	MALS instrument
DNA oligonucleotide	Integrated DNA Nanotechnologies Inc		Custom oligonucleotide
Lacey Carbon TEM grid	Electron Microscopy Sciences	LC200-Cu	TEM grid
Methoxy-poly(ethylene glycol)-block-poly(l-lysine hydrochloride) PEG5k - PLKC50	Alamanda Polymers Inc	mPEG5K-b-PLKC50	Example block copolymer
Milli-Q	Millipore Sigma		Ultrapure water
NanoDrop	Thermo Scientific		For measuring nucleic acid concentration
negative-action tweezers	Dumont	N7	Tweezers for grid preparation
Parafilm "M"	Bemis Company Inc	PM996	Laboratory film
Quantifoil Holey Carbon TEM grid	Electron Microscopy Sciences	Q210CR1.3	TEM grid
Research Goniometer and Laser Light Scattering System	Brookhaven Instruments	BI-200SM	DLS/MALS instrument
Slide-A-Lyzer G2 2K 0.5 mL	Thermo Scientific Pierce Protein Biology	87723	Dialysis cartridge
small volume cuvette	Brookhaven Instruments	BI-SVC	Cuvette for DLS/MALS
Solarus 950 Advanced Plasma System	Gatan	Solarus 950	Plasma system for TEM grids
Talos TEM	FEI	Talos	TEM used for cryo samples
Tecnai Spirit TEM	FEI	Spirit	TEM used for dry samples
Uranyl Formate	SPI-Chem	16984-59-1	For negative staining samples for TEM
Vitrobot	FEI	Vitrobot	Vitrification robot for cryo grid preparation