

Materials List for:

Characterization of Proteins by Size-Exclusion Chromatography Coupled to Multi-Angle Light Scattering (SEC-MALS)

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Materials

Name	Company	Catalog Number	Comments
AKTA pure	GE Healthcare	29-0182-26	fast protein liquid chromatograph (FPLC)
AKTA UNICORN	GE Healthcare		FPLC control software
ASTRA	Wyatt Technology		MALS data acquisition and analysis software
Bovine serum albumine (purity>97%)	Sigma	A1900	analyte
DAWN or miniDAWN	Wyatt Technology	WH2 or WTREOS	multi-angle light scattering (MALS) detector
Increase 200 10/300	GE Healthcare		size exclusion column, 200 Å pores, 10 mm i.d., 300 mm length
Optilab	Wyatt Technology	WTREX	differential refractive index (RI) detector
Sodium chloride NaCl	Sigma	71382	HPLC grade NaCl
Stericup bottle top filter polyether sulfone 0.1 µm 1000 mL	Millipore	SCVPU11RE	mobile phase filter
Whatman Anotop 10 syringe filter 0.02 µm	GE Healthcare	6809-1002	sample filter
Whatman Anotop 10 syringe-tip filter, 0.1 µm pore, 10 mm diameter	GE Healthcare	6809-1012	sample filter
Whatman Anotop 25 syringe filter 0.1 µm	GE Healthcare	6809-2012	mobile phase filter
WyattQELS	Wyatt Technology	WIQ	dynamic light scattering detector