

Materials List for:

An Easy Method for Plant Polysome Profiling

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Materials

Name	Company	Catalog Number	Comments
Ultracentrifuge tube, thinwall, polyallomer - 13.2 ml	Beckman Coulter	331372	
Ultracentrifuge tube, thinwall, polyallomer - 38.5 ml	Beckman Coulter	326823	
Glass capillary tube	Drummond Scientific	1-000-1000	
Ultracentrifuge	Beckman Coulter	Optima series	
Ultracentrifuge Rotor SW41	Beckman Coulter	331362	
Ultracentrifuge Rotor SW32	Beckman Coulter	369650	
Peristaltic pump	Any		
Tygon R3607 polyvinyl chloride tubing	Fisher Scientific	070534-22	Polyvinyl chloride tubing, 2.29 mm
Fraction collector Model 2110	Bio-Rad	731-8120	
UV cuvette	Hellma	170.700-QS	Quartz flow-through cuvette
UV Spectrophotometer	Varian	Cary50	Read every 0.0125 sec
All chemicals	Any		Use only Molecular Biology Grade
Murashige and Skoog Basal Salt Mixture (MS)	Sigma-Aldrich	M5524	
Rnase-Free water	Any		
Petri Dishes	Fisher Scientific	10083251	
Octylphenoxy poly(ethyleneoxy)ethanol, branched (Nonidet P40)	Euromedex	UN3500	
Linear acrylamide (acryl carrier)	ThermoFischer scientific	AM9520	RNA precipitation carrier
OriginPro 8	OriginLab		Analysis software