

Materials List for

Polysome Profiling without Gradient Makers or Fractionation Systems

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Materials

Name	Company	Catalog Number	Comments
Automatic Fractionator	Brandel		
Clariostar Multimode Plate Reader	BMG Labtech		
Cycloheximide	Sigma Aldrich	C7698	
Dithiothreitol	Invitrogen	15508-013	
Glass Beads, acid washed	Sigma Aldrich	G8772	425–600 μm
Heparin	Sigma Aldrich	H4784	
Magnesium Chloride, 1 M	KD Medical	CAC-5290	
Needle, 22 G, Metal Hub	Hamilton Company	7748-08	custom length 9 inches, point style 3
Optima XL-100K Ultracentrifuge	Beckman Coulter		
Polypropylene Centrifuge tubes	Beckman Coulter	331372	
Polypropylene Test Tube Peg Rack	Fisher Scientific	14-810-54A	
Potassium Chloride	Sigma Aldrich	P9541	
Qubit 4 Fluorometer	Thermo Fisher Scientific	Q33228	
Qubit RNA HS Assay Kit	Thermo Fisher Scientific	Q32855	
RNAse Inhibitor	Applied Biosystems	N8080119	
Sucrose	Sigma Aldrich	S0389	
SW41 Swinging Bucket Rotor Pkg	Beckman Coulter	331336	
Syringe, 3 mL	Coviden	888151394	
Tris, 1 M, pH 7.4	KD Medical	RGF-3340	
Triton X-100	Sigma Aldrich	X100	
UV-Star Microplate, 96 wells	Greiner Bio-One	655801	