

Materials List for:

Isolation and Purification of Kinesin from *Drosophila* Embryos

Robilyn Sigua¹, Suvranta Tripathy¹, Preetha Anand¹, Steven P. Gross¹

¹Department of Developmental and Cell Biology, School of Biosciences, University of California, Irvine

Correspondence to: Preetha Anand at preethaa@uci.edu, Steven P. Gross at sgross@uci.edu

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Materials

Name	Company	Catalog Number	Comments
Agar (Granulated)	Fisher Scientific	1423-500	
Dextrose (D-Glucose) Anhydrous	Fisher Scientific	D16-3	
Petri Dishes	BD Biosciences	35 1007	60x15mm Style (Polyester) 20/bag
<i>Drosophila</i> Culture Vials	UCI		
Tricorn beaker	Econo Lab Inc.	B700-100	Volume:100ml, size: 58x72mm
Yeast	Red Star	2751	
Nylon Mesh	Genesee Scientific	57-102	120 micron pore size
Nylon Mesh	Small Parts, Inc.	06-350/35	
Pipes	Sigma-Aldrich	108321-27-3	
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Glycerol	Fisher Scientific	56-81-5	
EGTA	Sigma-Aldrich	67-42-5	
MgSO ₄ (Anhydrous)	Fisher Scientific	7487-88-9	
PMSF	Sigma-Aldrich	329-98-6	
Leupeptin	Sigma-Aldrich	103476-89-7	
Aprotonin	Sigma-Aldrich	9087-70-1	
TAME	Sigma-Aldrich	178403-8	
STI	Calbiochem	65635	
GTP	Sigma-Aldrich	36051-31-7	
Taxol	Sigma-Aldrich	33069-62-4	
ATP analog 5'-adenylyl imidodiphosphate	Sigma-Aldrich	3605-31-7	
NaCl	Mallinckrodt Baker Inc.	7647-14-5	
ATP	Sigma-Aldrich	74804-12-9	
Amicon Ultra Centrifugal Filters: .5 mL, 100kD cut off, 8 pack	EMD Millipore	UFC510008	