

Materials List for

Two Peeling Methods for the Isolation of Photoreceptor Cell Compartments in the Mouse Retina for Protein Analysis

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jove.com/video/62977

Materials

Name	Company	Catalog Number	Comments
100 mL laboratory or media bottle equipped with a tubing cap adapter	N/A	N/A	
100% O ₂ tank	N/A	N/A	
1000mL Bottle Top Filter, PES Filter Material, 0.22 μm	Genesee Scientific	25-235	
4X SDS Sample Buffer	Millipore Sigma	70607-3	
50 mL Falcon tube	Fisher Scientific	14-432-22	
95% O ₂ and 5% CO ₂ tank	N/A	N/A	
Ames' Medium with L-glutamine, without bicarbonate	Sigma-Aldrich	A1420	
CaCl ₂ (99%, dihydrate)	Sigma	C-3881	
Drierite (Anhydrous calcium sulfate, >98% CaSO ₄ , >2% CoCl ₂)	WA Hammond Drierite Co LTD	21005	
Falcon Easy-Grip Petri Dish (polystyrene, 35 x 10 mm)	Falcon-Corning	08-757-100A	
Falcon Easy-Grip Tissue Culture Dish (60 x 15 mm)	Falcon-Corning	08-772F	
Feather Scalpel (No. 10, 40 mm)	VWR	100499-578	
Feather Scalpel (No. 11, 40 mm)	VWT	100499-580	
KCl (99%)	Sigma	P-4504	
Kimble Kontes pellet pestle	Sigma	z359971	
Labconco Fast-Freeze Flasks	Labconco	N/A	
LN ₂ (liquid nitrogen) + Dewar flask or similar vacuum flask	N/A	N/A	
MgCl ₂	Sigma	M-9272	
Milli-Q/de-ionized water	EMD Millipore	N/A	

Na ₂ HPO ₄ (powder)	J.T. Baker	4062-01	
NaCl (crystal)	EMD Millipore	Sx0420-3	
NaHCO ₃	Amresco	0865	
OmniPur EDTA	EMD	4005	
OmniPur HEPES, Free Acid	EMD	5320	
Parafilm M	Sigma-Aldrich	P7793	
Reynolds Wrap Aluminum Foil	Reynolds Brands	N/A	
Scotch Magic Tape (12.7 mm x 32.9 m)	Scotch-3M	N/A	
Sodium deoxycholate	Sigma-Aldrich	D67501	
Spectrafuge mini centrifuge	Labnet International, Inc	C1301	
Tissue incubation chamber (purchased or custom made)	N/A	N/A	
Tris-HCl	J.T.Baker	4103-02	
Triton X-100	Sigma-Aldrich	T8787	
VirTis Benchtop 2K Lyophilizer or equivalent machine	SP Scientific	N/A	
VWR Grade 413 Filer Paper (diameter 5.5 cm, pore size 5 μm)	VWR	28310-015	
Whatman Grade 1 Qualitative Filter Paper (diameter 9 cm, pore size 11 μm)	Whatman/GE Healthcare	1001-090	
Wide bore transfer pipet, Global Scientific	VWR	76285-362	