

Materials List for

Enrichment of Adult Mouse Dorsal Root Ganglia Neuron Cultures by Immunopanning

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jove.com/video/64603

Materials

Name	Company	Catalog Number	Comments
0.2 um Syringe filters	Fisher	723-2520	
100 mm petri dishes	ThermoFisher	FB0875712	
24 well black glass-bottom plates	Cellvis	P24-1.5H-N	
70 um cell strainer	Cedarlane	15-1070-1(BI)	
B27+ supplement	Gibco	A3582801	
Bovine Serum Albumin	Sigma Aldrich	A7906	for 15% BSA cushion, and ICC (heat shock fraction ≥98%)
Bovine Serum Albumin	Sigma Aldrich	A4161	for 4% BSA for immunopanning, and SATO for media (essentially globulin free, suitable for cell culture, ≥99%)
CD45 antibody	BD Pharmigen	550539	
DAPI	Invitrogen	D1306	
DMEM	Gibco	11960069	
DNase	Worthington	LS002007	for stemxyme solution and panning buffer
D-PBS	Sigma Aldrich	D8662	
EBSS	Sigma Aldrich	E6267	for DNase solution
Filter paper P8 grade	ThermoFisher	09-795K	for 8% PFA
Glutamax	ThermoFisher	35050061	
goat-anti-mouse IgG	Jackson ImmunoResearch	115-005-020	for O4 dish
goat-anti-rabbit 488	Invitrogen	A11008	
goat-anti-rabbit IgG	Jackson ImmunoResearch	115-005-003	for PDGFRB dish
goat-anti-rat IgG	Jackson ImmunoResearch	115-005-044	for CD45 dish
HBSS -/-	Sigma Aldrich	14175145	
Insulin	Sigma Aldrich	I2643	
laminin	Invitrogen	23017-015	
N-acetyl cysteine	Sigma Aldrich	A8199	
Neurobasal	Gibco	21103049	

Normal Donkey Serum	Sigma-Aldrich	D9663	
O4 antibody	n/a	n/a	Hybridoma
Ovomucoid trypsin inhibitor	Cedarlane	LS003086	for low ovo
paraformaldehyde prills	Sigma Aldrich	441244	for 8% PFA
PDGFRB antibody	Abcam	AB32570	
penicillin/ streptomycin	Gibco	15140-122	
Poly-D-Lysine	Sigma Aldrich	P6407	
Progesterone	Sigma Aldrich	P8783	for SATO
Putrescine dihydrochloride	Sigma Aldrich	P5780	for SATO
Sodium phosphate dibasic	Fisher	S374-1	for 0.2 M PB
Sodium Phosphate monobasic dihydrate	Sigma Aldrich	04269	for 0.2 M PB
Sodium Pyruvate	ThermoFisher	11360070	
Sodium Selenite	Sigma Aldrich	S5261	for SATO
Stemxyme I	Cedarlane	LS004107	for tissue dissociation; combination collagenase
Transferrin	Sigma Aldrich	T1147	for SATO
Tris-HCl	Millipore Sigma	T5941	
trypan blue	Gibco	15250-061	
β 3-Tubulin	Sigma-Aldrich	T2200	