

Materials List for

Isolation and Culture of Chick Ciliary Ganglion Neurons

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Materials

Name	Company	Catalog Number	Comments
5-fluoro-2'-deoxyuridina (5'-FDU)	Merck (Sigma Aldrich)	F0503	
Alexa Fluor 568-conjugated goat anti-chicken antibody	Thermo Fisher Scientific	A11041	
Alexa Fluor 568-conjugated goat anti-mouse antibody	Thermo Fisher Scientific	A11031	
Alexa Fluor 647-conjugated goat anti-mouse antibody	Thermo Fisher Scientific	A21235	
B27 supplement (50x), serum free	Invitrogen (Gibco)	17504-044	
Chicken monoclonal neurofilament M	Merck (Sigma Aldrich)	AB5735	
D-(+)-Glucose monohydrate	VWR	24371.297	
Fetal Bovine Serum (FBS), qualified, Brazil	Invitrogen (Gibco)	10270-106	
HEPES, fine white crystals, for molecular biology	Fisher Scientific	10397023	
Horse Serum, heat inactivated, New Zealand origin	Invitrogen (Gibco)	26050-070	
L-Glutamine (200 mM)	Invitrogen (Gibco)	25030-081	
Mouse laminin I	Cultrex (R&D systems)	3400-010-02	
Mouse monoclonal b-III tubulin	Merck (Sigma Aldrich)	T8578	
Mouse monoclonal SV2	DSHB	AB2315387	
Multidishes, cell culture treated, BioLite, MW24 (50x)	Thermo Fisher Scientific	11874235	
Neurobasal medium without glutamine	Invitrogen (Gibco)	21103-049	
Penicillin/streptomycin (5,000 U/mL)	Invitrogen (Gibco)	15070-063	
Phenol red, bioreagent, suitable for cell culture	Merck (Sigma Aldrich)	P3532	
Poly-D-Lysine	Merck (Sigma Aldrich)	P7886	
Potassium chloride	Fluka (Honeywell Reaarch Chemicals)	31248-1KG	
Potassium di-hydrogen phosphate (KH ₂ PO ₄) for analysis, ACS	Panreac Applichem	131509-1000	

Prolong Gold Antifade mounting medium with DAPI	Invitrogen (Gibco)	P36935	
Puradisc FP 30mm Syringe Filter, Cellulose Acetate, 0.2µm, sterile 50/ pk	Fisher Scientific	10462200	
Recombinant human ciliary neurotrophic factor (CNTF)	Peprtech	450-13	
Recombinant human glial cell-derived neurotrophic factor (GDNF)	Peprtech	450-10	
Sodium chloride for analysis, ACS, ISO	Panreac Applichem	131659-1000	
Sodium dihydrogen phosphate 2-hydrate (Na ₂ HPO ₄ ·2H ₂ O), pure, pharma grade	Panreac Applichem	141677-1000	
Sodium Pyruvate 100 mM (100x)	Thermo Fisher	11360039	
Syringe without needle, 10 mL	Thermo Fisher	11587292	
Trypsin 1:250 powder	Invitrogen (Gibco)	27250-018	