

Materials List for:

Toluidine Blue Staining of Resin-Embedded Sections for Evaluation of Peripheral Nerve Morphology

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Materials

Name	Company	Catalog Number	Comments
Dulbecco's Phosphate Buffer Saline	Gibco	14200-075	
Glutaraldehyde Solution	Sigma-Aldrich	G6257	
Paraformaldehyde	Sigma-Aldrich	P6148	
Sodium Phosphate Monobasic Monohydrate	Sigma-Aldrich	S9638	
Toluidine Blue O	Sigma-Aldrich	T3260	
Sodium Tetraborate Decahydrate	Acros Organics	205950010	
Isoflurane	Piramal	NDC 66794-013-25	
Epoxy Embedding Medium Kit	Sigma-Aldrich	45359	
Sodium Hydroxide Solution	Sigma-Aldrich	72068	To adjust Trump's fixative pH
Acetone	Fisher Chemical	170942	
Osmium Tetroxide Solution	Sigma-Aldrich	75632	
VWR Micro Slides, Superfrost Plus	VWR	48311-703	
Microscope Cover Glass	Fisher Scientific	12545102	
Pelco Embedding Cast	Fisher Scientific	NC9671811	
Glass Knife Maker	RMC Products	GKM-2	
Ultramicrotome	RMC Products	MT-XL	
15 mL Conical Tube	Falcon	ISO 9001	
Eppendorf 1.5 mL microcentrifuge tubes	Sigma-Aldrich	T9661	
4 mL Glass Vial	Sigma-Aldrich	854190	
Razor Blades	VWR	55411-050	For trimming resin block
Perfect Loop	Electron Microscopy Sciences	70944	For picking up thin resin sections
Ultra Glass Knife Strips 6.4 mm x 25 mm x 400 mm	Electron Microscopy Sciences	71012	
100 Watt Oven	Millipore	6350115	
Whatman Filter Paper	Sigma-Aldrich	WHA10010155	
3 mL plastic pipette	Sigma-Aldrich	Z331740	
Micro-surgical Kit	World precision instruments		
Olympus fluorescence microscope			Dual CCD Color and Monochrome Camera, DP80