

Materials List for:

Ex Vivo Oculomotor Slice Culture from Embryonic GFP-Expressing Mice for Time-Lapse Imaging of Oculomotor Nerve Outgrowth

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Materials

Name	Company	Catalog Number	Comments
24-Well Tissue Culture Plate	Genesee Scientific	25-107	
6-Well Tissue Culture Plate	Genesee Scientific	25-105	
Disposable Pasteur Pipet (Flint Glass)	VWR	14672-200	
Fine Forceps	Fine Science Tools	11412-11	
Fluorobrite DMEM	Thermo Fisher Scientific	A1896701	
Glucose (200 g/L)	Thermo Fisher Scientific	A2494001	
Hank's Balanced Salt Solution (1X)	Thermo Fisher Scientific	14175-095	
Heat Inactivated Fetal Bovine Serum	Atlanta Biologicals	S11550H	
HEPES Buffer Solution (1M)	Thermo Fisher Scientific	15630106	
L-Glutamine (250 nM)	Thermo Fisher Scientific	25030081	
Loctite Superglue	Loctite		
Low Melting Point Agarose	Thermo Fisher Scientific	16520050	
Millicell Cell Culture Insert (30mm, hydrophilic PTFE, 0.4 um)	Millipore Sigma	PICM03050	
Moria Mini Perforated Spoon	Fine Science Tools	10370-19	
Penicillin/Streptomycin (10,000 U/mL)	Thermo Fisher Scientific	15140122	
Petri Dish (100 x 15mm)	Genesee Scientific	32-107G	
Phosphate Buffered Saline (1X, pH 7.4)	Thermo Fisher Scientific	10010049	
Razor Blades	VWR	55411-050	
Surgical Scissors - Blunt	Fine Science Tools	14000-12	
Ti Eclipse Perfect Focus with TIRF	Nikon		
Vibratome (VT 1200S)	Leica	1491200S001	
Vibratome Blades (Double Edge, Stainless Steel)	Ted Pella, Inc.	121-6	