

Materials List for:

Optimized Protocol for Retinal Wholemount Preparation for Imaging and Immunohistochemistry

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Materials

Name	Company	Catalog Number	Comments
Millicell Cell Culture Insert, 12 mm, hydrophilic PTFE (Biopore), 0.4 µm	Millipore	PICM01250	
Insulin syringe, 1 ml	Beckton Dickinson	309659	
Scissors	Fine Science Tools	15003-08	dissection
Forceps, Dumont #55, inox	Fine Science Tools	11255-20	dissection
Cryostat	Leica	various	
Confocal Microscope System	Nikon	various	
Capillary glass	World Precision Instruments	1B150F-4	
P-97 Flaming/Brown Micropipette Puller	Sutter Instrument Co.		
Picospritzer III	Parker Hannifin		
Glass Bottom Culture Dishes	MatTek Corporation	P35G-0-14-C	
Petri dish	Falcon	1008	
Disposable Graduated Transfer Pipettes	VWR	16001-180	
Multiwell plates, 24-well	Beckton Dickinson	351147	
Cover glass, #1	Electron Microscopy Sciences	72200-30	
Polysine adhesion slides	Electron Microscopy Sciences	63412-01	
Microscope slides	Globe	1301	
Liquid Blocker	Electron Microscopy Sciences	71312	
VECTASHIELD mounting medium	Vector Laboratories	H-1000	
OCT medium	Sakura	4583	
Parafilm laboratory film	Fisher	13-374-10	
Dow Corning high vacuum grease	Sigma-Aldrich	Z273554	
Mouse anti-PSD95	Millipore	MABN68	antibody
Donkey anti-mouse Alexa 568	Invitrogen	A10037	antibody
Isolectin Alexa 488	Invitrogen	I21411	
Chemiblocker	Chemicon	2170S	
Triton X-100	Sigma-Aldrich	T9284	
Sulforhodamine	Sigma-Aldrich	341738	
Carbodiimide	Thermo Scientific	22980	EDC
Paraformaldehyde	Sigma-Aldrich	P6148	