

Materials List for:

Cut-loading: A Useful Tool for Examining the Extent of Gap Junction Tracer Coupling Between Retinal Neurons

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Materials

Name	Company	Catalog Number	Comments
Tricaine methane sulfonate (MS222)	Sigma-Aldrich	A5040	150 mg/L of buffered fish tank water
Urethane	Sigma-Aldrich	U2500	2 g/kgloading dose
Dual Tube Night Vision Goggle	Night Optics USA	D-221	
Filter Paper, Grade No. 4	Whatman, GE Healthcare	1004-090	
Fine Forceps, Dumont No. 5, Biologie, 11 cm long	Fine Science Tools	11295-10	
Fine Scissors, spring-loaded, 8 mm blade, straight	Fine Science Tools	15025-10	
Neurobiotin	Vector Laboratories	SP-1120	0.5%
Streptavidin-conjugated Alexa 488	Invitrogen	S11223	2%
Dextran rhodamine(high (> 10,000) MW)	Invitrogen	D1817	0.5%
Vectashield mounting medium	Vector Laboratories	H-1000	
Zeiss 510 META Laser Scanning Confocal Microscope	Carl Zeiss, Inc.		
LSM-5 Image Browser 3,2,0,115	Carl Zeiss, Inc.		
ImageJ Software	National Institutes of Health		
OriginPro 8.0	OriginLab		