

Materials List for:

Whole-cell recordings of light evoked excitatory synaptic currents in the retinal slice

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Materials

Name	Type	Company	Catalog Number	Comments
Multiclamp 700A	Patch Clamp Amplifier	Molecular Devices		
SZX9	Dissection Microscope	Olympus Corporation		
BX50WI	Upright Microscope	Olympus Corporation		Equipped with 40x, 10x water immersion objective, fluorescent filters and mercury lamp
P-97	Micropipette Puller	Sutter Instrument Co.		
Lucivid	Microscope image injector	MBF Bioscience		
8-channel perfusion system	Microperfusion	Parker Hannifin Corporation		
Bits++	Digital Video Processor	Cambridge Research Systems		
Infrared Oculars	Other	ITT Visual Information Solutions		
Adhesive silicone wells	Other	Molecular Probes, Life Technologies		20mm diameter, 1.0mm deep
Membrane Filters	Filter	EMD Millipore	HAWPO1300	.45µm HA
Borosilicate Glass Capillaries	Electrode glass	World Precision Instruments, Inc.	1B150-4	
Syringe Filters	Filter	Whatman, GE Healthcare	6789-0402	4mm filters, .2µm Nylon Membrane, Polypropylene housing
IR camera	Microscope mounted camera	Sony Corporation	SPT-M324	Extrawave HAD, B7W video camera
Picrotoxin	Reagent	Sigma-Aldrich	P1675	
Strychnine	Reagent	Sigma-Aldrich	S0532	
Imidazole-4-acetic acid sodium salt	Reagent	Sigma-Aldrich	I7013	
Larval tiger salamanders	Animal	Charles E. Sullivan		