

Materials List for:

Levator Auris Longus Preparation for Examination of Mammalian Neuromuscular Transmission Under Voltage Clamp Conditions

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URL: <https://www.jove.com/video/57482>

DOI: [doi:10.3791/57482](https://doi.org/10.3791/57482)

Materials

Name	Company	Catalog Number	Comments
Olympus Compound Microscope	Olympus	BX51WI	
10x Objective	Olympus	UMPLFLN10XW	
40x Objective	Olympus	LUMPLFLN40XW	
Borosilicate Glass	Sutter Instruments	BF150-86-7.5	
CCD Camera	Santa Barbara Instruments Group	ST-7XMEI	
Mater-9 Pulse Generator	AMPI		
Iso-flex Stimulus Isolator	AMPI		
pCLAMP 10 Data Acquisition and Analysis Software	Molecular Devices	1-2500-0180	
Concentric Bipolar Electrode	FHC	CBDSH75	
Ball-joint Manipulator	Narishige		
Non-metalic Syringes 34 Gauge	World Precision Instruments	MF34G-5	
Nikon Stereomicroscope	Nikon	SMZ800N	
No. 5 Forceps	Fine Science Tools		
Spring Scissors	Fine Science Tools	15006-09	
No. 2 Forceps	Roboz	RS-5Q41	
Microdissecting Scissors	Roboz	RS-5912SC	
Sylgard 184 Silicone Elastomer Kit	Dow Corning	2404019862	
Hair Removal Cream	Nair		
Grass SD9 Stimulator	Grass Medical		
Model P-1000 Micropipette Puller	Sutter Instruments	P-1000	
Axon Digidata 1550 Low-noise Data Acquisition System	Molecular Devices		
Low Pass Bessell Filter	Warner Instrument Corp.	LPF-8	
Left-handed Micromanipulator	Siskiyou Corp.	MX1641/45DL	
Right-handed Micromanipulator	Siskiyou Corp.	MX1641/45DR	
Single Motion Controller	Siskiyou Corp.	MC100e	
Crossed Roller Micromanipulator	Siskiyou Corp.	MX1641R	This was added to the Z-axis of the Left and Right-handed micromanipulators to allow the z axis to be motorized. This custom set-up is cheaper and less bulky than buying a 4-axis motorized micromanipulator. It also allows us to control both micromanipulators with one controller
All chemicals were ordered from Fisher except,			

BTS	Toronto Research Chemicals	B315190	
CTX	Alomone Labs	C-270	
4-Di-2-Asp	Molecular Probes		Molecular probes is no longer a company. Now ordered through Fisher