

Materials List for:

Electrophysiological Recordings from the Giant Fiber Pathway of *D. melanogaster*

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URL: <https://www.jove.com/video/2412>

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Materials

Name	Company	Catalog Number	Comments
S48 Square Pulse Stimulator	Grass Technologies		
Stimulation unit	Grass Technologies		
SIU5 RF Transformer Isolation Unit	Grass Technologies		
5A two-channel intracellular Microelectrode Amplifier	Getting Instruments, Inc.		
Digidata 1440A data acquisition system	Molecular Devices		
Analogue-digital Digidata 1320 and Axoscope 9.0 software	Molecular Devices		
Recording platform with manual micromanipulators	Narishige International		
Light source	Fostec		
Wild M5 stereomicroscope	Wild Heerbrugg		
Vibration isolation table	TMC		
Borosilicate tubing for microelectrodes	Sutter Instrument Co.		
P-95 Micropipette puller	Sutter Instrument Co.		
Microfil 34 gauge, 67 mm (electrode filler)	World Precision Instruments, Inc.	MF34G-5	
Microdissection tools (forceps,...)	Fine Science Tools		
Dissecting (stereo) microscope	Leica Microsystems		
Faraday cage	Unknown		
Other: plastic syringes, tungsten earth wire and NaOH-sharpened tungsten electrodes, KCl, wax platform, a PC with monitor...			