

Materials List for:

Electrophysiological Measurements from a Moth Olfactory System

Zainulabeuddin Syed¹, Walter S. Leal¹

¹Department of Entomology, University of California, Davis

Correspondence to: Walter S. Leal at wsleal@ucdavis.edu

URL: <https://www.jove.com/video/2489>

DOI: [doi:10.3791/2489](https://doi.org/10.3791/2489)

Materials

Name	Company	Catalog Number	Comments
Microscope	Olympus Corporation	BX51WI model	
Stereo microscope	Leica Microsystems	MZ75	
1.0 mm borosilicate capillary tubing with filament	World Precision Instruments, Inc.	1B100F-3	
Micropipette puller	Sutter Instrument Co.	P-97	
Stimulus controller	Syntech	CS-55 model	
High Impedance pre-amplifiers (Universal Single ended probe)	Syntech		
Amplifier / data-acquisition system (USB-IDAC)	Syntech		
EAG Micromanipulator MP-12	Syntech		
(Z,Z)-11,13-hexadecadienal	Bedoukian Research Inc, CT.		
Whatman filter paper	Whatman, GE Healthcare	1001070	
5 mL polypropylene syringe	BD Biosciences	309633	
pipette tip (200 µL)	USA Scientific, Inc.	1111-0806	
669 mL lunchbox, 13 x 13 cm; height, 4.5 cm,	Rubbermaid		
Thirsty Ultra Absorbent, 27.9 x 27.9 cm	Safeway		
Non-drying clay	Claytoon , Van Aken International, CA	18150	
Environmental chamber		I-30BLL model	