

Materials List for:

Calcium Imaging of Odor-evoked Responses in the *Drosophila* Antennal Lobe

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Materials

Name	Company	Catalog Number	Comments
Cactus spine	Garden center		~7mm long thin, not too flexible
Rosin	String instrument shop		
Two component silicon	World Precision Instruments, Inc.	KWIK-SIL	
Custom made plexiglass mounting block	 Blueprints available		
Copper grids	Athene Grids	G220-5	Normally used for electron microscopy samples.
Screws	Hardware store		2 mm diameter
Plastic coverslips	Plano GmbH	L4193	22 X 22 mm
Soldering iron tips	Conrad Electronics	830283-62	
Regulated power supply	Conrad Electronics	511407-62	
Thin wire	Isabellenhütte	Isa-ohm	0.013 mm
Eicosane	Sigma-Aldrich	21,927-4	
Microscope	Carl Zeiss, Inc.	Axioexaminer D1	
CCD camera	Visitron Systems	CoolSnap HQ	
Metafluor	Visitron Systems		Acquisition software
Monochromator	Visitron Systems	Visichrome	
Breakable blades	Fine Science Tools	10050-00	
Holder for blade	World Precision Instruments, Inc.	14134	
Sapphire blade	World Precision Instruments, Inc.	500314	Double edged blade 1mm
Membrane gas pumps	KNF Neuberger	NMP 830 KVE	
Sapphire blade holder	World Precision Instruments, Inc.	500317	
Three way valve	Lee Company	LFAA1200118H	Configuration E
Rotameter 500 ml/min	Analyt-MTC	112-08SA	
Rotameter 5 L/min	Analyt-MTC	102-08SA	
Beeswax	Siladent Technik	209212	
Cellulose pad	Kettenbach	31003	
Tweezers	Plano GmbH	T5130	Dumont biology #5
Syringes	BD Biosciences	300928	2ml, Discardit II, 2pieces
Needles	Braun Sterican	4665120	1.2mm OD