

Materials List for:

Novel Assay for Cold Nociception in *Drosophila* Larvae

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Materials

Name	Company	Catalog Number	Comments
Cold Probe	Pro-Dev Engineering	Custom-built on demand	Part numbers and construction details can be provided on request
Thermal Control Unit	TE Technology	Custom Built enclosure	Part numbers and construction details can be provided on request
Zeiss Stemi 2000 microscope	Zeiss	NT55-605	
Fiber-Lite MI-150 High Intensity Illuminator	Dolan-Jenner Industries.	A20500	
Schott Dual Gooseneck 23 inch Fiber Optic Light Guide	Schott North America, Inc.	Schott A08575	
Forceps	FST	FS-1670	Used to sort and handle larvae. Be sure to smooth and blunt forceps tips slightly to lower the risk of accidentally puncturing or injuring the larvae
Paintbrush	Dick Blick Art Materials	06762-1002	Used to sort and handle larvae. It is helpful if the paintbrush is damp during use.
35 mm x 10 mm Polystyrene Petri dish	Falcon	351008	
60mm x 10 mm Polystyrene Petri dish	Falcon	351007	
Piece of black vinyl (at least 2 inches x 2 inches)			Used to provide contrast and orient larvae to the cold probe
Fisherbrand Scoopula Spatula	Fisher Scientific	14-357Q	Used to move food
Kimtech Science Kimwipes	Fisher Scientific	06-666A	Used to dry the larvae and cold probe if there is excess moisture