

Materials List for:

A Behavioral Assay for Mechanosensation of MARCM-based Clones in *Drosophila melanogaster*

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URL: <https://www.jove.com/video/53537>

DOI: [doi:10.3791/53537](https://doi.org/10.3791/53537)

Materials

Name	Company	Catalog Number	Comments
Brewers Yeast (25 lb)	MP Biomedicals	ICN90331225	Fly Food
Corn (25 lb)	MP Biomedicals	ICN90141125	Fly Food
Agar (1 lb)	MoorAgar Inc.	41004	Fly Food
Tegosept (5 kg)	Genesee	20-259	Fly Food
Molasses (1 Gallon)	Sugarmill Brand - Thomsen Food Service	0 2625	Fly Food
Propionic Acid	Fisher	A258-500	Fly Food
Phosphoric acid	Fisher	A260-500	Fly Food
Drosophila Vials, Narrow (PS)	Genesee	32-109	Fly Cultures
6oz Square Bottom Bottle (PP)	Genesee	32-130	Fly Cultures
Flugs - Plastic Fly Bottles	Genesee	49-100	Fly Cultures
Rayon Balls, Large	Genesee	51-100	Fly Cultures
Droso-Filler, Narrow	Genesee	59-168	Fly Food Preparation
Droso-Filler, Bottles	Genesee	59-170	Fly Food Preparation
8A-C / gear driven lab stirrer with c-clamp mount 1/15 HP, 700 rpm variable speed, 115 V, 50/60 Hz	Cleveland Mixer	8A-C	Fly Food Preparation
Water jacketed Kettle			Fly Food Preparation
Diurnal Growth Chamber	Forma Scientific		Temperature and light/dark cycle controlled
Water bath	VWR		For heat shock
MicroScissors	Fine Science Tools	15000-08	For removing heads
Fluorescence Dissecting Microscope	Zeiss	SteREO Discovery V8	With GFP cube (KSC295-814D) band pass filter
Fluorescence Light Source	Zeiss	X-Cite 120	Fiber optic light pipe makes this easy to configure
Camera for Scope	Zeiss	AxioCam ICc1	
Image acquisition software	Zeiss		
Ice bucket			for cold anthesia
Homemade cold anthesia tray			for cold anthesia decapitation
Plastic boxes			for recovery of decapitated flies in humid environment