

Materials List for:

A Simple Neuronal Mechanical Injury Methodology to Study *Drosophila* Motor Neuron Degeneration

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Materials

Name	Company	Catalog Number	Comments
Micro-dissecting scissors	Fine Science Tools	15000-08	
Dumont #3 Forceps	Fine Science Tools	11231-30	Some people prefer size 3, while others prefer size 5
Dumont #5 Forceps	Fine Science Tools	11251-30	Some people prefer size 3, while others prefer size 5
CO ₂ Air Tank	Tech Air	UN 1013	Various tank sizes can be purchased
CO ₂ Anesthetizing Apparatus	Genesee Scientific	59-114	
Stainless-steel pins, size 0.1	Fine Science Tools	26002-10	
Sylgard 184 Silicone Elastomer, Base and Curing Agent	Dow Corning	3097358-1004	To pour dissecting plates
Bouin's Solution	Sigma	HT 10132-1L	Antibodies should be tested for their efficiency in Bouin's and PFA
4% Paraformaldehyde (PFA) in Phosphate-Buffered Saline (PBS)	Affymetrix	FLY-8030-20	Antibodies should be tested for their efficiency in Bouin's and PFA
Dissecting Stereo Microscope	AmScope	SM-1BZ	
Light Source	AmScope	HL150-AY-220V	
anti- nc82 antibody	Developmental Studies Hybridoma Bank	nc82-s	
anti-discs large antibody	Developmental Studies Hybridoma Bank	AF3	
Alexa Fluor anti-horseradish peroxidase	Jackson ImmunoResearch	123-545-021; 123-585-021; 123-605-021	One can you Alexa Fluor® 488, 594 or 647
Flystuff Grape Juice Agar Premix	Genesee Scientific	47-102	
Microscope slides	Genesee Scientific	29-101	
Glass Coverslips	Fisher Scientific	12-545-87	
Thermo Scientific Nalgene Utility Box	Fisher Scientific	03-484C	Used to create humid chamber for larval recovery