

Materials List for:

Dissection and Flat-mounting of the Threespine Stickleback Branchial Skeleton

Nicholas A. Ellis¹, Craig T. Miller¹

¹Department of Molecular and Cell Biology, University of California, Berkeley

Correspondence to: Craig T. Miller at ctmiller@berkeley.edu

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Materials

Name	Company	Catalog Number	Comments
Potassium Hydroxide (KOH)	EMD	PX1480-1	
Glycerol	Sigma-Aldrich	G7893-4L	
10% Neutral Buffered Formalin (NBF)	Azer Scientific	NBF-4-G	
Alizarin Red S	EMD	AX0485-3	
Microscope Cover Glasses 22 mm x 60 mm	VWR	16004-350	
100 mm x 10 mm Glass Petri Dish	Kimble Chase	23064-10010	To dissect samples on
Sylgard 184 Silicone Elastomer Kit	Ellsworth Adhesives	184 SIL ELAST KIT 0.5KG	Can be poured into glass or plastic Petri dishes to make dissecting plates
Modeling Clay	Sargent Art	22-4000	1 lb cream
Scintillation Vials (case of 500)	Wheaton	986586	Borosilicate Glass with Screw Cap
Forceps-Dumont #5 Inox (Biologie tip)	FST	11252-20	Dumostars are an alternative
Dissecting Scissors	FST	15003-08	Alternate sizes are available depending on size of sample
Dissecting Microscope	Leica	S6E with KL300 LED	Many other models work nicely, having a flat base helps
Microcentrifuge Tubes 1.7 ml	Denville	C2170	
Cardboard slide tray	Fisher	12-587-10	