

Materials List for:

# Dil Perfusion as a Method for Vascular Visualization in *Ambystoma mexicanum*

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## Materials

Name	Company	Catalog Number	Comments
Peristaltic Pump	Marshall Scientific	RD-RP1	
Perfusion tubing	Excelon Lab & Vacuum Tubing	436901705	size S1A
27g butterfly needle	EXELint Medical Products	26709	
NaCl	AmericanBio	7647-14-5	
KCl	AmericanBio	7747-40-7	
Na <sub>2</sub> HPO <sub>4</sub>	AmericanBio	7558-79-4	
NaH <sub>2</sub> PO <sub>4</sub>	AmericanBio	10049-21-5	
Distilled water			
HCl	AmericanBio	7647-01-0	
Glucose	ThermoFischer	A2494001	
1,1'-Dioctadecyl-3,3,3',3'-tetramethylindocarbocyanine perchlorate	Sigma Aldrich	468495	
Ethanol (100% vol/vol)	Sigma Aldrich	64-17-5	
Surgical forceps	Medline	MDG0748741	
Polystyrene foam frame			any polystyrene foam square with an axolotl-shaped cut out
Surgical scissors	Medline	DYND04025	
Scalpel	Medline	MDS15210	
Absorbent underpad	Avacare Medical	PKUFSx	
Paper towels			
Standard disposable transfer pipette	Fisherbrand	50216954	
Clamp stand	Adafruit	291	
Ethyl 3-aminobenzoate methanesulfonate	Sigma Aldrich	E10521	Tricaine powder
Adult axolotl			
MgSO <sub>4</sub>	AmericanBio	10034-99-8	
CaCl <sub>2</sub>	Sigma Aldrich	C1016-100G	
NaHCO <sub>3</sub>	Sigma Aldrich	S5761-500G	
Plastic tanks			Varying size appropriate for the axolotl
Paraformaldehyde	Sigma Aldrich	30525-89-4	
Axolotl			

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Leica Microscope	Leica	M165 FC	
ET-CY3 Fluorescent Filter	Leica	M205FA/M165FC	
MS-222			