

Materials List for:

Spinal Cord Transection in the Larval Zebrafish

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URL: <https://www.jove.com/video/51479>

DOI: [doi:10.3791/51479](https://doi.org/10.3791/51479)

Materials

Name	Company	Catalog Number	Comments
60 mm Petri dish	VWR	82050-544	
100 mm Petri dish	VWR	89038-968	
PDMS, Sylgard 184 Silicone Elastomer Kit	Fisher Scientific	NC9644388	
borosilicate capillary tubing: OD 1.00 mm, ID 0.78 mm	Warner Instruments Inc.	64-0778	
Forceps	Fine Scientific Tools Inc.	11252-30	
Dissection microscope	Nikon	SMZ6454	
Microgrinder	Narishige	EG-44	
Gentamycin Sulfate	Amresco Inc.	0304-5G	dissolve in water 10 mg/ml, store at -20 °C
Tricaine	Acros Organics	118000100	
Cotton tipped applicator, wood, 6-inch	Fisher Scientific	23-400-101	
1 ml syringe	BD	309625	
27 G needle	BD	305109	
Fry food	Argent Labs	F-ARGE-PTL-CN	store at -20 °C
Micropipette puller	Sutter Instrument Co.	Model P-97	Box Filament FB330B
20x E2 (1 L); store at RT			
17.5 g NaCl	Fisher Scientific	S671-500	
0.75 g KCl	Fisher Scientific	P217-500	
2.90 g CaCl ₂ ·2H ₂ O	Sigma	C7902-500G	
4.90 g MgSO ₄ ·7H ₂ O	Merck	MX0070-1	
0.41 g KH ₂ PO ₄	Fisher Scientific	P285-500	
0.12 g Na ₂ HPO ₄	Sigma	S0876-500G	
500x NaCO₃ (10 ml); make fresh, discard extra			
0.35 g NaCO ₃	Sigma	S5761	
1x E2 (1 L); store at RT			
50 ml 20x E2			
2 ml fresh 500x NaCO ₃			