

Materials List for:

# Visualization of the Axonal Projection Pattern of Embryonic Motor Neurons in *Drosophila*

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## Materials

Name	Company	Catalog Number	Comments
Bovine Serum Albumin	Sigma-Aldrich	A7906	
Triton X-100	Sigma-Aldrich	X100	t-Octylphenoxy polyethoxyethanol
16% Paraformaldehyde Solution	Ted Pella	18505	
Sodium Chloride	Sigma-Aldrich	S5886	
Potassium Chloride	Sigma-Aldrich	P5405	
Sodium Phosphate Dibasic	Sigma-Aldrich	30435	
Sodium Phosphate Monobasic	Sigma-Aldrich	71500	
X-Gal Substrate	US Biological	X1000	X-Gal (5-Bromo-4-chloro-3-indolyl-b-D-galactoside galactopyranoside)
Dimethyl Sulfoxide	Sigma-Aldrich	D4540	
Magnesium Chloride	Sigma-Aldrich	M8266	
Potassium hexacyanoferrate(II) trihydrate	Sigma-Aldrich	P9387	
Potassium hexacyanoferrate(III)	Sigma-Aldrich	244023	
Hydrogen Peroxide	Sigma-Aldrich	216763	
3,3'-diaminobenzidine Tetrahydrochloride	Sigma-Aldrich	D5905	
Agar	US Biological	A0930	
Sucrose	Fisher Scientific	S5-3	
Tegosept (Methy 4-Hydroxybenzoate)	Sigma-Aldrich	H5501	
Culture Dish (60 mm)	Corning	430166	
Tricon Beaker	Simport	B700-100	This is used to make a plastic beaker cage for embryo collection.
Yeast	Societe Industrielle Lesaffre	Saf Instant Yeast Red	
Cotton Swab (Wooden Single Tip Cotton PK100)	VWR	14220-263	
Eppendorf Tube (1.5 ml)	Sarstedt	#72.690	
Bleach	The Clorox Company	Clorox	
Heptane	Sigma-Aldrich	246654	
Methanol	J.T. Baker	UN1230	
Normal Goat Serum	Life Technologies	16210-064	
Anti-FasciculinII Antibody	Developmental Studies Hybridoma Bank	1D4 anti-Fasciclin II	
Goat Anti-mouse-HRP Antibody	Jackson ImmunoResearch	115-006-068	AffiniPure F(ab') <sub>2</sub> Fragment Goat Anti-Mouse IgG+IgM (H+L)

			(min X Hu, Bov, Hrs Sr Prot
Glycerol	Sigma-Aldrich	G9012	
Slide Glass	Duran Group	235501403	
Coverslip	Duran Group	235503104	18 x 18 mm
1 ml Syringe	Becton Dickinson Medical(s)	301321	
Tungsten Needle	Ted Pella	#27-11	Tungsten Wire, $\varnothing$ 0.13mm/6.1m ( $\varnothing$ .005"/20 ft.)
Nutator (Mini twister)	Korean Science	KO.VS-96TWS	Alternatively, BD Clay Adams Brand Nutator (BD 421125)