

Materials List for:

Analysis of Neural Crest Migration and Differentiation by Cross-species Transplantation

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Materials

Name	Company	Catalog Number	Comments
Chick eggs	Various		
Quail eggs	Various		
Egg incubator (Digital Readout 1502 Sportsman Incubator w/ Humidity 110-120 Volt AC)	 Poultry Supply	1502	
Dumont AA forceps, Inox Epoxy-coated	Fine Science Tools	11210-10	
Scotch tape	Any Supplier		
Curved Iris forceps	Fine Science Tools	11065-07	
India ink	Any Supplier		
Pen/Strep (Penicillin, Streptomycin) Solution	VWR international	101447-068	
Clear Packing tape	Any Supplier		
Needle pulling apparatus	Narishige International	PE-21	
Pulled glass needle, made from 1.5-1.8 x 100mm borosilicate glass capillary tube	Kimble Chase	34500 99	
Pulled glass pipette, made from 5¼" Pasteur pipette	Fisher Scientific	13-678-6A	
Mouth pipette apparatus (aspirator tube assembly for calibrated microcapillary pipette)	Sigma-Aldrich	A5177-52A	
Dumont #5 forceps	Fine Science Tools	11251-30	
Tungsten wire, 0.1mm diameter	VWR international	AA10404-H2	
Needle holders (Nickel-plated pin holder)	Fine Science Tools	26018-17	
QCPN antiserum	Developmental Studies Hybridoma Bank	QCPN	
Alexa Fluor secondary antibody (e.g., Alexa Fluor 594 goat anti-mouse IgG1)	Invitrogen	A21125	
Ringer's Solution (2L): • 14.4g NaCl • 0.34g CaCl₂ • 0.74g KCl • 0.230g Na₂HPO₄ • 0.04g KH₂PO₄ • ddH₂O to 2L • Filter and autoclave	Fisher Scientific	• 7647-14-5 • 10043-52-4 • 7447-40-7 • 7558-79-4 • 7778-77-0	