

Materials List for:

Subretinal Injection of Gene Therapy Vectors and Stem Cells in the Perinatal Mouse Eye

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Materials

Name	Company	Catalog Number	Comments
0.8-1.10 x 100 mm Capillary Tube (glass)	Kimble Glass, Inc.	34502 99	
Flaming/Brown Micropipette Puller	Sutter Instrument	P-97	Narishige microforge can be used instead. Catalog #MF-900
Sigmacote	Sigma Aldrich	SL2-25ML	Silicone
Dubecco's Phosphate Buffered Saline with Calcium Chloride and Magnesium Chloride	Gibco-Invitrogen	14040-133	
Safety-Lok 25 3/4G x 12"; Blood Collection Set	B-D Vacutainer	367298	
1 ml Sub-Q 26 5/8G Slip-Tip Syringe	Becton-Dickinson	309597	
0.5-10 µl Finnpiptette II Adjustable-Volume Pipetter	Fisherbrand	21-377-815	
1-200 µl Natural Beveled Tips	USA Scientific, Inc.	1111-1700	
Discovery.V8 Stereo Microscope	Zeiss	MC1500	
60 mm x 15 mm Style Treated Polystyrene Cell Culture Dish	Corning Incorporated	430166	
Vannas Straight Scissors	Storz Ophthalmics	E3383 S	
Curved Dressing Forceps with Serrations Delicate	Storz Ophthalmics	E1408	
15 Degree Microsurgery Knife	Wilson Ophthalmic Corp.	091204	
Ketamine	Ketaset III	NADA #45-290	
Xylazine	Lloyd Laboratories	NADA #139-236	
Bupivacaine (Marcaine)	AstraZeneca	N/A	
Buprenorphine	Sigma Aldrich	B9275	