

Materials List for:

Limbal Approach-Subretinal Injection of Viral Vectors for Gene Therapy in Mice Retinal Pigment Epithelium

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Materials

Name	Company	Catalog Number	Comments
TWEEZERS DUMONT #5 11cm DUMOSTAR 0.1 x 0.06 mm TIPS	WPI	500233	
VANNAS Scissors S/S, 105 mm	WPI	555583S	
33 G Blunt needle	WPI	NF33BL-2	
NanoFil Syringe, 10 microliter	WPI	NANOFIL	
RPE-KIT	WPI	RPE-KIT	For easy one hand injection
30 G x 1/2 (0.3 mm x 13 mm) BD PrecisionGlide™ Needle	BD	305107	Initial puncture for subretinal injection
Microscope Cover Glasses (No. 1 3 mm diameter)	Warner Instruments	64-0720 (CS-3R)	
Leica operating microscope	Leica	LM M80	
Fluorescein microscope	Nikon	Eclipse 80i	
Lentivirus	Thermo scientific	TMO.LV-Ctr	Used to dilute vectors
PBS	Gibco	10010-015	Used to dilute vectors
Troperin (Phenylephrin 0.5% - Tropicamide 0.5%)	Hanmi		For dilation
Proparacaine Hydrochloride Ophthalmic Solution USP, 0.5% (Sterile)	Bausch&Lomb		For topical anesthesia
Healon GV OVD	Abbott Medical Optics Inc.		
Zoletil 50 (tiletamine hypochloride and zolazepam hypochloride)	Virbac		For general anesthesia
Rompun injection (Xylazine HCl)	Bayer		For general anesthesia