

Materials List for

Systemic Treatment for Postnatal, Juvenile, and Runted Adult Mice by Retrobulbar Sinus Injection

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jove.com/video/66809

Materials

Name	Company	Catalog Number	Comments
AAV8-CAG-eGFP	Univ. Penn. Vector Core	Special order	alternative sources of AAV reporters and alternative AAV reporters are available
Barrier (Filter) Tips, 20 µL size	ThermoFisher	AM12645	for diluting AAV to disire injection volume and concentration
Barrier (Filter) Tips, 100 µL size (sterile)	ThermoFisher	AM12648	for diluting AAV to disire injection volume and concentration
Dual Prodedure Circuit	VetEquip	921400	alternative anesthesia method can be used
Gilsen PIPETTEMAN Classic P20 pipette	Gilson	F123600	for diluting AAV to disire injection volume and concentration
Gilsen PIPETTEMAN Classic P100 pipette	Gilson	F123615	for diluting AAV to disire injection volume and concentration
Hand warmers (HOTHANDS)	ULINE	S-1497B	to keep mouse warm while anesthized
Insulin syringes, 31 G, 8 mm length, 3/10 mL capacity	Becton Dickson	328438	used in video; one syringe per injection
Isoflurane (Fluriso)	VETONE	502017	alternative anesthesia can be used
Medline Protection Plus Disposable Underpads	ThermoFisher	23-666-062	to place mouse on durring injection
Oak Ridge Phlebotomy Sharps Container With Transparent Lid	ThermoFisher	22-730-434	for needle disposal
Phosphate buffered saline PBS, pH 7.4	Gibco	10010023	To dilute AAV to desired concncentration and volume
Snap Cap Low Retention Microcentrifuge Tubes (sterile)	ThermoFisher	3451	for diluting AAV to disire injection volume and concentration
Sterile gauze sponge 4"x4	Covidien	3033	
Treacaine Hydrochloride Ophthalmic (0.5%)	Ocenanside Pharmaceuticals	AK102D5DS	local anesthetic
Tuberculin syringe with a 27.0 G (or smaller)	Any	N/A	alternative to insulin syringe used in video
VetEquip's User Guide and Operating Manual for table top and	VetEquip	chrome-extension://efaidnbmnnnibpcajpgclclefindmkaj/	link to users guide and manual

mobile Laboratory Animal Anesthesia System.

<https://www.vetequip.com/pdfs/LAAS%20Manual.pdf>