

Materials List for:

Direct Intrathecal Injection of Recombinant Adeno-Associated Viruses in Adult Mice

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Materials

Name	Company	Catalog Number	Comments
FVB/NJ mice	Charles River Laboratories China		
Lidocaine hydrochloride monohydrate	HEOWNS	73-78-9	
AAV	Viral Vector Core of the Gene Therapy Center at University of Massachusetts Medical School		
25µL Hamilton syringe/27-30g needle	GASTIGHT	1702	
O.C.T compound	SAKURA	4583	
H ₂ O ₂	SHUI HUAN PAI	170401	
Goat serum	Solarbio	S9070	
Triton X-100	LIFE SCIENCES	T8200	
Rabbit anti-GFP	Life tech	G10362	1:333 dilution
The second antibody (goat-anti rabbit)	Jackson Immuno Research	111-005-144	1:1000 dilution
VECTASTAIN ABC REAGENT	Vector Lab	PK-6100	
ImmPACT DAB Peroxidase Substrate Kit	Vector Lab	SK-4105	
Mounting medium for fluorescence with DAPI	Vectorshield	H-1200	
NaCl	Yong Da Chemical		
NaH ₂ PO ₄ ·2H ₂ O	Yong Da Chemical		
Na ₂ HPO ₄ ·12H ₂ O	Yong Da Chemical		
Paraformaldehyde	Yong Da Chemical	307699	
Adhesion Microscope Slides	CITOGLAS	17083	25*75 mm
SUPER-SLIP MICRO-GLAS	Electro Microscopy Siences	72236-60	24*60 mm
15 ml Centrifuge tube	CORNING	430790	
96 well cell culture cluster	Coster	3599	
24 well cell culture cluster	Coster	3524	
70% Ethanol	WEN ZHI		
Gauze	Wei AN	05171112	8cm*10cm*12cm
1mL syringe	Hong Da		
Microtubes	Plasmed		

Micropipet	eppendorf		
Peppet tips	Rainin		
Centrifuge	eppendorf	5427R	
Regerator	Haier	BCD-539WT	
Filter	MILLEX GP	R4PA42342	
Pump	LongerPump	BT-100-2J/YZ1515X	
Microscope	Olympus	BX53	
Freezing-microtome	Leica	CM1520	