

Materials List for

Injections of AAV Vectors for Optogenetics in Anesthetized and Awake Behaving Non-Human Primate Brain

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jove.com/video/62546

Materials

Name	Company	Catalog Number	Comments
Equipment: Stereotaxic set			
Item			
Allen keys	BONDHUS	10936	STERRAD
Cannula holder	KOPF	1770	STERRAD
Carrier (manipulator)	KOPF	1404	STERRAD
Carrier platform	KOPF	1430	NA
Carrier stand	KOPF	1449	STERRAD
Eye, ear, mouth bars	KOPF	1430	NA
Stereotaxic base	KOPF	1210	NA
Equipment: Cannula			
Item			
1 mL Luer-lock syringes	BD	309628	NA (sterilized package)
Cannulas*	(homemade - see below)	NA	steam (autoclave)
Colored oil**	(homemade - see below)	NA	NA
Elevator (for tube rack)	Cole-Parmer	UX-08057-10	STERRAD
Filter tip	Genesee Scientific	23-404	NA (sterilized package)
Fluorescent microbeads	Lumafluor	R170	NA
P20 pipetman	Gilson	FA10003M	NA
PCR tubes	Olympus Plastics	22-161	STERRAD
Stopcock	Cole-Parmer	3060004	STERRAD
Tube rack	homemade	NA	STERRAD
Vector solution	(homemade)	NA	NA
Equipment: Electric air pump set			
Item			
Electric air pump	World Precision Instruments	PV830	NA

Foot pedal	World Precision Instruments	3260	NA
Tube cover	EZ Drape	A400-1000	NA (sterilized package)
Equipment: General surgery tools			
Item			
Beaker	MEDLINE	azlon	STERRAD
Burrs	STRYKER	277-10-235	STERRAD
Double pronged tissue pick	Fine Science Tools	18067-11	STERRAD
Drapes	MEDLINE	DYNJP3004	NA (sterilized package)
Dressing forceps	Miltex	6-118	STERRAD
Drill	STRYKER	Q9R-5400	NA
Drill bits	STRYKER	277-82-87	STERRAD
Gauze	MEDLINE	NON26334	NA (sterilized package)
Hemostatic mosquito forceps	Miltex	7-2, 7-4	STERRAD
Light handles	SKYTRON	Stellar XL	STERRAD
Needle holder	Miltex	8-2	STERRAD
Periosteal elevator	Miltex	18-1968	STERRAD
Rongeurs	Miltex	17-4800	STERRAD
Saline	BAXTER	2F7122	STERRAD
Scalpel	Bard-Parker	372610	STERRAD
Scissors	Miltex	5-12, 5-114	STERRAD
Senn retractors	Miltex	28065	STERRAD
Sterile gloves	MEDLINE	Triumph Micro	NA (sterilized package)
Suction	medela	200-4869	NA
Suction tip	MEDLINE	DYNDFR12S	NA (sterilized package)
Suction tube	COVIDEN	8888301614	NA (sterilized package)
Surgical gowns	MEDLINE	DYNJP2002S	NA (sterilized package)
Surgical pens & ruler	MEDLINE	DYNJSM03	NA (sterilized package)
Suture	COVIDEN	SL-635	NA (sterilized package)
Tissue forceps	Miltex	6-114	STERRAD
Towel clamps	Miltex	7-504	STERRAD
Wood swabs	MEDLINE	MDS202095	NA (sterilized package)
Equipment: *cannulas			
Item			
Hypodermic needle	EXELINT INTERNATIONAL	26437	NA (sterilized package)
Stainless steel tube	K-TUBE	K30R	NA
PTFE tube	ZEUS	216200	NA
Equipment: **colored oil			
Item			
Liquid Candle Dye Concentrate	PremiumCraft	Red/Pink	NA
Mineral oil	Vi-Jon	S0883	NA
	STERRAD: low-temperature hydrogen peroxide gas plasma		