

Materials List for:

# Environmental Modulations of the Number of Midbrain Dopamine Neurons in Adult Mice

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URL: <https://www.jove.com/video/52329>

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## Materials

Name	Company	Catalog Number	Comments
Isoflurane	Baxter Healthcare Pty Ltd, Baxter Drive, NSW 2146, Australia	AHN3640	
ALZET Osmotic pump 1002	DURECT Corporation, PO Box 530 Cupertino, CA 95015-0530	0004317	
ALZET Brain infusion kit 1	DURECT Corporation, PO Box 530 Cupertino, CA 95015-0530	0004760	
ALZET cannula holder 1	DURECT Corporation, PO Box 530 Cupertino, CA 95015-0530	0008860	
Vertex Monomer Self-curing (dental acrylic solvent)	Vertex Dental, Postbus 10, 3700 AA ZEIST, The Netherlands	n/a	
Vertex Self Curing (dental acrylic powder)	Vertex Dental, Postbus 10, 3700 AA ZEIST, The Netherlands	n/a	
METACAM (Meloxicam)	Troy Laboratories, 98 long Street, smithfield NSW 2164 Australia	L10100	
Sodium Pentobarbitone	Lethabarb, Virbac, Milperra, NSW, Australia	571177	
Normal goat serum	chemicon-temecula, CA	S26-Litre	
Triton X-100	Merck Millipore Headquarters , 290 Concord road, Billerica, MA 01821	1.08603.1000	
Polyclonal rabbit anti-tyrosine hydroxylase	Merck Millipore Headquarters , 290 Concord road, Billerica, MA 01821	AB152	
Polyclonal biotinylated goat anti-rabbit	Dako Australia Pty. Ltd., Suite 4, Level 4, 56 Berry street, North Sydney, NSW, Australia 2060	EO432	
Avidin peroxidase	Sigma-aldrich, Castle Hill, NSW 1765 AU	A3151-1mg	
Diamino-benzidine	Sigma-aldrich, Castle Hill, NSW 1765 AU	D-5637	
Stereo Investigator	MicroBrightField Bioscience, 185 Allen Brook Lane, Suite 101, Williston, VT 05495	n/a	