

Materials List for:

Novel Methods for Intranasal Administration Under Inhalation Anesthesia to Evaluate Nose-to-Brain Drug Delivery

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URL: <https://www.jove.com/video/58485>

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Materials

Name	Company	Catalog Number	Comments
ddY mouse	Japan SLC, Inc.		Male, 4-6 weeks, 20-30 g
Isoflurane	Pfizer	v002139	
Isoflurane setup	SHINANO manufacturing CO. LTD.	SN-487-OTAir, SN-489-4	
Isoflurane mask	SHINANO manufacturing CO. LTD.		For small rodents
Isoflurane mask (openable type)	SHINANO manufacturing CO. LTD.		Special orders
Anesthesia Box	SHINANO manufacturing CO. LTD.	SN-487-85-02	
Animal experiments scissors-1	NATSUME SEISAKUSHO CO., LTD.	B-27H	
Animal experiments scissors-2	NATSUME SEISAKUSHO CO., LTD.	B-13H	
Tweezers-1	FINE SCIENCE TOOLS Inc.	11272-30	Dumont #7 Dumoxel
Tweezers-2	NATSUME SEISAKUSHO CO., LTD.	A-12-1	
Cannula tube (PE-50)	Becton, Dickinson and Company.	5069773	I.D.: 0.58 mm, O.D.: 0.965 mm
Cannula tube (SP-10)	NATSUME SEISAKUSHO CO., LTD.	KN-392	I.D.: 0.28 mm, O.D.: 0.61 mm
Shaver	MARUKAN, LTD.	DC-381	
Stereoscopic microscope	Olympus Corporation	SZ61	
Needle 27G 1/2 in 13 mm	TERUMO CORPORATION	NN-2738R	
1 mL syringe	TERUMO CORPORATION	SS-01T	
Syringe pump	Neuro science	NE-1000	
Cellulose membrane	Toyo Roshi Kaisya, Ltd.	00011090	
Micro spatula	Shimizu Akira Inc.	91-0088	
Micropipette (0.5-10 uL)	Eppendorf AG	Z368083	
Pipette chip	Eppendorf AG	0030 000.811	
Tape	TimeMed Labeling System, Inc.	T-534-R	For fixing mouse
[¹⁴ C]-Inulin	American Radiolabeled Chemicals Inc.	ARC0124A	0.1 mCi/mL
EtOH	Wako Pure Chemical Industries, Ltd.	054-00461	
Liquid scintillation counter	Perkin Elmer Life and Analytical Sciences, Inc	Tri-Carb 4810TR	