

Materials List for

# Free-Hand Intracerebroventricular Injections in Mice

Richard B. McCosh<sup>1</sup>, Lauren A. Young<sup>1</sup>

<sup>1</sup>Department of Biomedical Sciences, Colorado State University

## Corresponding Author

**Richard B. McCosh**  
richard.mccosh@colostate.edu

## Citation

McCosh, R.B., Young, L.A. Free-Hand Intracerebroventricular Injections in Mice. *J. Vis. Exp.* (203), e65324, doi:10.3791/65324 (2024).

## Date Published

January 12, 2024

## DOI

10.3791/65324

## URL

jove.com/video/65324

## Materials

Name	Company	Catalog Number	Comments
18-gauge blunt needles	SAI Infusion	B18-150	
18-gauge needles	BD Medical	305195	
Alcohol pads	Fisher Scientific	22-363-750	
Bench pad	Fisher Scientific	14-206-62AC22	
Betadine solution	Fisher Scientific	NC1696484	
Buprenorphine	Patterson Vet Supply	07-892-5235	Controlled substance
Eyelube	Fisher Scientific	50-218-8442	
Glass syringe	Hamilton	7634-01	
Injection needle	Hamilton	7803-01	27 gauge, Small Hub RN needle, point style: 4, Needle length: 10cm, Angle: 45
Isoflurane	Patterson Vet Supply	07-893-8441	
Isoflurane vaporizer	Vet Equip	V-10	
Laboratory Tape	VWR	89098-128	
Medical grade oxygen	Airgas	OX USPEA	
Paraformaldehyde	Millipore-Sigma	8.18715.1000	
Phosphate Buffered Saline	Fisher Scientific	J67802.K2	
PulsaR Software	Open source, University of Otago		See ref 9
Ruler	Fisher Scientific	12-00-152	
Silastic tubing (0.040" I.D.)	DOW	508-005	
Silastic tubing (0.078" I.D.)	DOW	508-009	
Sterile saline	VWR	101320-574	
Sucrose	Fisher Scientific	S5-500	