

Materials List for:

Delivery of Antibodies into the Murine Brain via Convection-enhanced Delivery

Michal Beffinger¹, Linda Schellhammer¹, Stanislav Pantelyushin¹, Johannes vom Berg¹

¹Institute of Laboratory Animal Science, University of Zurich

Correspondence to: Johannes vom Berg at johannes.vomberg@uzh.ch

URL: <https://www.jove.com/video/59675>

DOI: [doi:10.3791/59675](https://doi.org/10.3791/59675)

Materials

Name	Company	Catalog Number	Comments
10 µL syringe	Hamilton	7635-01	
27 G blunt end needle	Hamilton	7762-01	
Agarose	Promega	V3121	
Atipamezol	Janssen		
Bone wax	Braun	1029754	
Buprenorphine	Indivior Schweiz AG		
Carprofen	Pfizer AG		
Dental drill bits, steel, size ISO 009	Hager & Meisinger	1RF009	
Ethanol 100%	Reuss-Chemie AG	179-VL03K-/1	
Fentanyl	Helvepharm AG		
FITC-Dextran, 2000 kDa	Sigma Aldrich	FD2000S	
Flumazenil	Labatec Pharma AG		
Formaldehyde	Sigma Aldrich	F8775-500ML	
High viscosity cyanoacrylate glue	Migros		
Iodine solution	Mundipharma		
Medetomidin	Orion Pharma AG		
Microforge	Narishige	MF-900	
Midazolam	Roche Pharma AG		
Ophthalmic ointment	Bausch + Lomb	Vitamin A Blache	
PBS	ThermoFischer Scientific	10010023	
Polyclonal goat anti-rat IgG (H+L) antibody coupled with Alexa Fluor 647	Jackson Immuno		
Scalpels	Braun	BB518	
Silica tubing internal diameter 0.1 mm, wall thickness of 0.0325 mm	Postnova	Z-FSS-100165	
Stereotactic frame for mice	Stoelting	51615	
Stereotactic robot	Neurostar	Drill and Injection Robot	
Succrose	Sigma Aldrich	S0389-500G	
Topical tissue adhesive	Zoetis	GLUture	
Trypan blue	ThermoFischer Scientific	15250061	
Water	Bichsel	1000004	