

Materials List for:

## Methods for Intravenous Self Administration in a Mouse Model

Elizabeth K. Kmiotek<sup>1</sup>, Corey Baimel<sup>1</sup>, Kathryn J. Gill<sup>1</sup>

<sup>1</sup>Addictions Unit, McGill University Health Centre

Correspondence to: Kathryn J. Gill at [kathryn.gill@mcgill.ca](mailto:kathryn.gill@mcgill.ca)

URL: <https://www.jove.com/video/3739>

DOI: [doi:10.3791/3739](https://doi.org/10.3791/3739)

### Materials

Name	Company	Catalog Number	Comments
Ticarcillin Disodium Salt	Sigma-Aldrich	T5639-1G	1 gram bottle
Tears Naturale P.M (Eye lubricant)	Alcon	N/A	3.5 gram tube This eye lubricant can be found in most pharmacies. Any ophthalmic eye lubricant can be used.
Cocaine	Medisca Pharmaceutique	0723-06	1 gram bottle
Ketamine	Medisca Pharmaceutique	1754-04	25 gram bottle
Midazolam	Medisca Pharmaceutique	2519-06	1 gram bottle
Heparin sodium salt	Sigma-Aldrich	H4784-250MG	250 gram bottle
Ketoprofen	Sigma-Aldrich	K1751-1G	1 gram bottle
Amikicin Sulphate salt	Sigma-Aldrich	A2324-5G	5 gram bottle
Sucrose ACS Reagent	Sigma-Aldrich	S5016-500G	500 gram bottle
Standard mouse catheters with soft mesh	CamCaths	MIVSA/20/26/BC-1S	Tubing specifications: 26SWG;0.451;0.254
Crystal cap applicator	HRS Scientific	313CAC	This is the white catheter cap.
Tygon Micro Bore Tubing	Thomas Scientific	9561S41	Tubing specifications (bore x o.d. x wall thickness in inches): .01 x .03 x .01