

Materials List for:

# A Thrombotic Stroke Model Based On Transient Cerebral Hypoxia-ischemia

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## Materials

Name	Company	Catalog Number	Comments
adult male mice	Charles River	C57BL/6	10-13 weeks old (22-30 g)
Mobile Laboratory Animal Anesthesia System	VetEquip	901807	anesthesia
Medical air (Compressed) air tank	Airgas	UN1002	anesthesia
Isoflurane	Piramal Healthcare	NDC 66794-013-25	anesthesia
Multi-Station Lab Animal AnesthesiaSystem	Surgivet	V703501	hypoxia system
7.5% O <sub>2</sub> balanced by 92.5% N <sub>2</sub> tank	Airgas	UN1956	hypoxia system
Temperature Controller with heating lamp	Cole Parmer	EW-89000-10	temperature controllers
Rectal probe	Cole Parmer	NCI-00141PG	temperature controllers
Dissecting microscope	Olympus	SZ40	surgical setup
Heat pump with warming pad	Gaymar	TP700	surgical setup
Fine curved forceps (serrated)	FST	11370-31	surgical instrument
Fine curved forceps (smooth)	FST	11373-12	surgical instrument
micro scissors	FST	15000-03	surgical instrument
micro needle holders	FST	12060-01	surgical instrument
Halsted-Mosquito hemostats	FST	13008-12	surgical instrument
5-0 silk suture	Harvard Apparatus	624143	surgical supplies
4-0 Nylon monofilament suture	LOOK	766B	surgical supplies
Tissue glue	Abbott Laboratories	NC9855218	surgical supplies
Puralube Vet ointment	Fisher	NC0138063	eye dryness prevention
MoorFLPI-2 blood flow imager	Moor	780-nm laser source	Laser Speckle Contrast Imaging
Mannitol	Sigma	M4125	<i>in vivo</i> TTC
2,3,5-triphenyltetrazolium chloride (TTC)	Sigma	T8877	<i>in vivo</i> TTC
Vibratome	Stoelting	51425	brain section for <i>in vivo</i> TTC
Digital microscope	Dino-Lite	AM2111	whole-brain imaging
O.C.T compound	Sakura Finetek	4583	
goat anti-rabbit Alexa Fluoro 488	Invitrogen	A11008	Immunohistochemistry
Cryostat	Vibratome	ultrapro 5000	brain section for IHC
Evans blue	Sigma	E2129	Detecting vascular perfusion
Microtome	Electron Microscopy Sciences	5000	brain section for histology
Avertin (2, 2, 2-Tribromoethanol)	Sigma	T48402	euthanasia
Fluorescent microscope	Olympus	DP73	

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Meloxicam SR	ZooPharm		NSAID analgesia
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