

Materials List for

An Effective Mouse Model of Unilateral Renal Ischemia-Reperfusion Injury

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jove.com/video/62749

Materials

Name	Company	Catalog Number	Comments
Atipamezole hydrochloride	Penn Veterinary Supply, Inc., PA, USA	PVS8700	5 mg/mL
Buprenorphine	Penn Veterinary Supply, Inc., PA, USA	PRMBURPEN22	0.3 mg/mL
Commercial euthanasia solution	various suppliers	na	e.g., Euthasol Virbac (sodium pentobarbital 390 mg/mL + sodium phenytoin 50 mg/mL)
Eye ointment Puralube	Dechra Veterinary Products, KS, USA	na	3.5 g (1/8 oz)
Heating pad RightTempJr	Kent Scientific, CT, USA	RT-JR-20	Consider the one with two temperature probes
Ketamine hydrochloride	Penn Veterinary Supply, Inc., PA, USA	VED1220	100 mg/ml
S&T Vascular clamp	Fine Science Tools, Inc., Germany	00398-02	Jaw dimensions: 5.5 x 1.5 mm; length: 11 mm
Sterile Disposable Towel Drapes	Kent Scientific, CT, USA	SURGI-5023-3	Disposable, individually packed
Surgical instruments (Graefe forceps, Halsted-Mosquito hemostat, scissors, etc)	Fine Science Tools, Inc., Germany	Various	Consider the extra fine straight scissor and the angled Graefe forceps
Vicryl suture	Ethicon US, LLC	J493G	Size 5-0
Xylazine hydrochloride	Penn Veterinary Supply, Inc., PA, USA	VAM4821	100 mg/mL