

Materials List for:

The Left Pneumonectomy Combined with Monocrotaline or Sugren As a Model of Pulmonary Hypertension in Rats

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Materials

Name	Company	Catalog Number	Comments
Surgical Blade	Bard-Parker	371215	Incision
Forane (Isoflurane, USP)	Baxter	NDC 10019-360-40	anesthesia
BD Angiocath 14 G	BD	382268	chest tube
BD Angiocath 16 G	BD	381157	intubation tube
BD 1 mL Insulin Syringe	BD	329652	administer buprinex post-operatively
Biogel Surgeons Surgical Gloves	Biogel	30460-01	sterile surgical gloves
Wahl BravMini+ Trimmer	Braintree Scientific	CLP-41590 P	shave surgical site
SU5416	Cayman Chemical	13342	Sugren
Fiber Optic Illuminator	Cole-Parmer	EW-41723-02	light for intubation
Surgipro II 4-0 Suture	Covidien	VP831X	Closing intercostal muscles
Polysorb 5-0 Suture	Covidien	GL-885	Closing skin
Medium Slide Top Induction Chamber	DRE Veterinary	12570	oxygen & isoflurane delivery
DRE Compact 150 Rodent Anesthesia Machine	DRE Veterinary	373	oxygen & isoflurane delivery
Small Vessel Cauterizer Kit	Fine Science Tools	18000-00	cauterizer to minimize bleeding
VentElite Small Animal Ventilator	Harvard Apparatus	55-7040	ventilator
MouseSTAT Jr	Kent Scientific	MSTAT-JR	pulse oximeter & heart rate monitor
Mouse Paw Pulse Oximeter Sensor	Kent Scientific	SPO2-MSE	pulse oximeter & heart rate paw sensor
PhysioSuite RightTemp	Kent Scientific	PS-02	temperature pad
PVP Prep Solution	Medline	MDS093944	Cleaning surgical site
Poly-lined Drape	Medline	NON21002Z	cover animal
3 mL syringe	Medline	SYR103010	administer fluids post-operatively
Microsurgical Kits, Integra	Miltex	95042-540	surgical tools: plain wire speculum, double-ended probe, McPherson-Vannas Iris scissors straight, straight iris scissors
Hemostatic forceps - Micro-Jacobson-Mosquito	Miltex	17-2602	mosquito
Buprenorphine HCl 0.3 mg/mL	Par Pharmaceutical	NDC 42023-179-01	Pain relief
Cooley-Mayo curved scissors	Pilling	352090	Large scissors
Gerald Tissue forceps	Pilling	351900	forceps
Wangesnsteen Tissue Forceps	Pilling	342929	atraumatic forceps
Pilling Thin Vascular Needle Holder	Pilling	354962DG	needle holder
Crotaline	Sigma-Aldrich	C2401-1G	MCT

Surflash 20 G IV Catheter	Terumo	SR*FF2051	For pressure reading during organ harvest
ADVantage PV System with 1.2 Fr Catheter	Transonic Inc	ADV500	Record pulmonary artery and right ventricle pressure
Medium Hemoclip	Weck	523700	ligate vessels
Open Ligating Clip Applicator; Medium, curved	Weck Horizon	237081	hemoclip applicator
Surgical Microscope	Zeiss OPMI MD	1808	magnification