

Materials List for:

Cardiopulmonary Bypass in a Mouse Model: A Novel Approach

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Materials

Name	Company	Catalog Number	Comments
Sterofundin	B.Braun Petzold GmbH	PZN:8609189	priming volume, 1:1 with Tetraspan
Tetraspan 6% HES Solution	B. Braun Melsungen AG	PZN: 05565416	priming volume, 1:1 with Sterofundin
Heparin Natrium 25.000	Ratiopharm GmbH	PZN: 3029843	2.5 IU per ml of priming solution
NaHCO ₃ 8,4% Solution	B. Braun Melsungen AG	PZN: 1579775	3% in priming solution
KCL 7.45 % Solution	B. Braun Melsungen AG	PZN: 2418577	0.1 mL for cardioplegia
Carprofen	Zoetis Inc., USA	PZN:00289615 08859153	5 mg/kg/BW
1 Fr PU Catheter	Instechlabs INC., USA	C10PU-MCA1301	carotid artery
2 Fr PU Catheter	Instechlabs INC., USA	C20PU-MJV1302	jugular vein
Vasofix Safety catheter 20G	B.Braun Medical	4268113S-01	orotracheal intubation
8-0 Silk suture braided	Ashaway Line & Twine Mfg. Co., USA	75290	ligature
Isoflurane	Piramal Critical Care Deutschland GmbH	PZN:9714675	narcosis
CLINITUBES blood capillaries	Radiomed GmbH	51750132	blood sampling 60 - 95 microliter
Spring Scissors - 6mm Blades	Fine Science Tools GmbH	15020-15	instruments
Spring Scissors - 2mm Blades	Fine Science Tools GmbH	15000-03	instruments
Halsted-Mosquito Hemostat	Fine Science Tools GmbH	13009-12	instruments
Dumont #55 Forceps	Fine Science Tools GmbH	11295-51	instruments
Castroviejo Micro Needle Holder - 9cm	Fine Science Tools GmbH	12060-02	instruments
Micro Serrefines	Fine Science Tools GmbH	18555-01	instruments
Bulldog Serrefine	Fine Science Tools GmbH	18050-28	instruments
MiniVent Ventilator for Mice (Model 845)	Harvard Apparatus	73-0044	mechanical ventilation
Isoflurane Vaporizer Dräger 19.1	Drägerwerk AG & Co. KGaA		anesthesia 1.3 - 2.5%
PowerLab data acquisition device 4/35	ADInstruments Ltd, New Zealand	PL3504	invasive pressure, ECG, temperature
ABL 800 Flex	Radiometer GmbH		blood gas analysis
NMRI mice	Charles River Laboratories	Crl:NMRI(Han)	male, 30 - 35 g, 12 weeks old, housed at least 1 week before the experiment