

Materials List for

Left Coronary Artery Ligation: A Surgical Murine Model of Myocardial Infarction

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jove.com/video/64387

Materials

Name	Company	Catalog Number	Comments
22 G catheter needle	Exel INT	26741	Thoracentesis
24 G catheter needle	Exel INT	26746	Endotracheal intubation
4-0 nylon suture	Covetrus	29263	Suturing of muscles and skin
8-0 nylon suture	S&T	3192	Ligation of LAD
Anesthetic Vaporizers	Vet equip	VE-6047	Anesthetic support
Animal physiology monitor	Fujifilm	VEVO 3100	Monitor heart rate, respiration rate and body temperature
Betadine solution	PBS animal health	11205	Antiseptic
Buprenorphine	Covetrus	55175	Analgesic
Dissecting microscope	OMANO	OM2300S-V7	Binocular
Electric razor	Wahl	79300-1001M	Shaving
Electrode gel	Parker Laboratories	W60698L	Electrically conductive gel
Ethanol	Decon Laboratories	22-032-601	Disinfectant
Forceps	FST	11065-07	Stainless Steel
Gauze	Curity	CAR-6339-PK	Sterile
Heat lamp	Satco	S4998	Post surgery care
Heating pad	Kent scientific	Surgi-M	Temperature control
Hot Bead sterilizer	Germinator 500	11503	Sterilization of surgical instrument
Isoflurane	Covetrus	29405	Anesthesia
Masson's trichrome staining kit	Thermoscientific	87019	Measurement of cardiac Fibrosis
Micro Needle Holder	FST	12500-12	Stainless Steel
Micro scissors	FST	15000-02	Stainless Steel
Ophthalmic ointment	Dechra	Puralube Vet	Sterile ocular lubricant
Scanning Gel	Parker Laboratories	Aquasonic 100	Aqueous ultrasound transmission gel
Scissors	FST	14060-11	Stainless Steel
Small Animal Laryngoscope	Penn-Century	Model LS-2-M	Illuminating the oropharynx
Small animal ventilator	Harvard apparatus	557058	Ventilator support

Surgical light	Cole parmer	41723	Illuminator Width (in): 7
Vevo 3100 preclinical imaging platform	Fujifilm	VEVO 3100	Echocardiography
VevoLAB software	Fujifilm	VevoLAB 3.2.6	Echocardiography data analysis