

Materials List for:

Murine Left Anterior Descending (LAD) Coronary Artery Ligation: An Improved and Simplified Model for Myocardial Infarction

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Materials

Name	Company	Catalog Number	Comments
High-Intensity Light Source	Harvard Apparatus	72-0215	
SurgiSuite Operating Platform	Kent Scientific Corporation	SurgiSuite	Uses a rechargeable, battery-operated far infrared warming pad. Charge overnight before surgery.
SurgiSuite LED Lighting Kit	Kent Scientific Corporation	SURGI-5003	
Hot Bead Sterilizer	Fine Science Tools	18000-45	Preheating takes 15 - 20 min. Instruments take 20 s to sterilize.
Small Rodent Anesthesia System	VetEquip Inc.	901810	
Isoflurane	Piramal Enterprises	66794-017-10	
Buprenorphine	Rhode Island Hospital Pharmacy	NDC 12496-0757-1, 12496-0757-5	
Surgical Loupes	Roboz	RS-6687	
Small Rodent Ventilator	Harvard Apparatus	73-0043	
Lubricating Drops	Thermo Fisher Scientific	19-898-350	
Electric Razor	Kent Scientific Corporation	CL 9990-1201	
Hair Removal Cream	Nair		
Medical Tape	Thermo Fisher Scientific	18-999-380	
Betadine	Thermo Fisher Scientific	19-027136	
70% Isopropanol Wipes	Thermo Fisher Scientific	22-363-750	
Surgical Drapes	Braintree	SP-TS	
Surgical Gloves	Thermo Fisher Scientific	18999102D	
5-0 Polypropylene Sutures	Ethicon	8630G	
8-0 Nylon Sutures	Fine Science Tools	12051-08	
Platinum-Cured Tubing	Harvard Apparatus	72-1042	0.3 mm inside diameter x 0.6 mm outside diameter
0.9% Saline	Thermo Fisher Scientific	19-310-207	
4-0 Polypropylene Sutures	Ethicon	8631G	
1 CC Syringe with 25-Gauge Needle	Thermo Fisher Scientific	14-826-100	
Scissors	Kent Scientific Corporation	INSS600225	
Forceps	Kent Scientific Corporation	INS700100	
Cotton Swabs	Thermo Fisher Scientific	23-400-118	
IV Catheter, 20-Gauge	Thermo Fisher Scientific	NC9892181	
Retractor	Kent Scientific Corporation	INS 750369	
Forceps	Fine Science Tools	11003-12	
Dissecting Forceps, Straight	Kent Scientific Corporation	INS 700101	

Dissecting Forceps, Curved	Kent Scientific Corporation	INS 700103	
Hemostatic Forceps, Straight	Kent Scientific Corporation	INS 750451	
Hemostatic Forceps, Curved	Kent Scientific Corporation	INS 750452	
Tissue Forceps	Kent Scientific Corporation	INS 700131	
Needle Holder	Kent Scientific Corporation	INS 600109	
Scissors	Kent Scientific Corporation	INS 600225	