

Materials List for:

Generation and 3-Dimensional Quantitation of Arterial Lesions in Mice Using Optical Projection Tomography

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Materials

Name	Company	Catalog Number	Comments
Operating Microscope	Zeiss, Germany		OPMI Pico i
Anesthetic Machine	Vet Tech, UK		
Fluovac	Harvard Apparatus UK	340387	
Fluosorber	Harvard Apparatus UK	340415	
Bead Sterilizer	Fine Science Tools, UK	1800-45	
Heated Mat	Fine Science Tools, UK	21061-10	
Balance	Mettler Toledo	MS1602S	PB1502 or equivalent
Sutures	Ethicon, UK		5/0 Mersilk
Guidewire	Cook Inc, USA	C-PMS-251	0.014"
Suture Silk	Fine Science Tools, UK	18020-60	6/0 Mersilk
Surgical Tools	Fine Science Tools, UK	14058-09	Toughcut Iris scissors
Cohan-Vannas Spring Scissors	Fine Science Tools, UK	15000-01	
Dumont #5/45 Forceps	Fine Science Tools, UK	11251-35	
Moria Iris Forceps	Fine Science Tools, UK	11370-31	
Halsted-Mosquito Hemostat	Fine Science Tools, UK	13008-12	
Bulldog clips	Fine Science Tools, UK	18050-35	
Bioptronics 3001 Tomograph	Bioptronics, UK		
Magnetic OPT Mount	Bioptronics, UK		
Computer	Dell Inc, UK		
Peristaltic pump	Gilson	F117606	Minipuls 3
DataViewer software	Skyscan, Belgium	v.1.4.4	
NRecon software	Skyscan, Belgium	v.1.6.8	
CTan software	Skyscan, Belgium	v.1.12	
Isoflurane	Merial Animal Health Ltd, UK	AP/Drugs/220/96	100% Inhalation vapor, liquid
Medical Oxygen	BOC Medical, UK	UN1072	
Vetergesic	Alstoe Animal Health Ltd, UK		0.3 mg/ml
1% Lignocaine	Hamlen Pharmaceuticals, UK	LD1010	10 ml ampoule
EMLA Cream	Astra Zeneca, UK		
Sodium Pentobarbital	Ceva Animal Health Ltd, UK		
Western Diet	Research Diets, USA	D12079B	0.2% cholesterol
Phosphate Buffered Saline	Sigma UK	P4417	
Heparin (Mucous)	Leo Laboratories, UK	PL0043/003GR	250,000 Units
Neutral Buffered Formalin	Sigma, UK	HT501128	10%
Ethanol	VWR BDH Prolabo, UK	20821.33	Absolute AnalaR

Agarose	Invitrogen, UK	16020050	Low melting point
Filter Paper	GE Healthcare, UK	113v	Whatman
Cyanoacrylate adhesive	Henkel, UK	4304	Loctite
Benzyl alcohol	Sigma, UK	B6630	
Benzyl benzoate	Sigma, UK	402834	
Methanol	VWR BDH Prolabo, UK	20856.296	100%