

Materials List for:

Ferric Chloride-induced Murine Thrombosis Models

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Materials

Name	Company	Catalog Number	Comments
Surgical Scissors - Tungsten Carbide	Fine Science Tools	14502-14	cut and hold skin
Micro-Adson Forceps - Serrated/Straight/12 cm	Fine Science Tools	11018-12	cut and hold skin
Metzenbaum Fino Scissors - Tungsten Carbide/Curved/Blunt-Blunt/14.5 cm	Fine Science Tools	14519-14	to dissect and separate soft tissue
Ultra Fine Hemostat - Smooth/Curved/12.5 cm	Fine Science Tools	13021-12	to dissect and separate soft tissue
Graefe Forceps - Serrated/Straight/10 cm	Fine Science Tools	11050-10	to dissect and separate soft tissue
Dumont #5 Fine Forceps - Biology Tips/Straight/Inox/11 cm	Fine Science Tools	11254-20	Isolate vessel from surrounding tissue
Dumont #5XL Forceps - Standard Tips/Straight/Inox/15 cm	Fine Science Tools	11253-10	Isolate vessel from surrounding tissue
Blunt Hook- 12 cm/0.3 mm Tip Diameter	Fine Science Tools	10062-12	Isolate vessel from surrounding tissue
Castroviejo Micro Needle Holders	Fine Science Tools	12061-02	Needle holders
Suture Thread 4-0	Fine Science Tools	18020-40	For fix the incisors to the plate
Suture Thread 6-0	Fine Science Tools	18020-60	For all surgery and ligation
Kalt Suture Needles	Fine Science Tools	12050-03	
rhodamine 6G	Sigma	83697-1G	To label platelets
FeCl ₃ (Anhydrous)	Sigma	12321	To induce vessel injury
Papaverine hydrochloride	Sigma	P3510	To inhibit gut peristalsis.
Medline Surgical Instrument Sterilization Steam Autoclave Tapes	Medline	111625	To fix the mouse to the plate
Fisherbrand™ Syringe Filters - Sterile 0.22 μm	Fisher	09-720-004	For sterilization of solutions injected to mice
Fisherbrand™ Syringe Filters - Sterile 0.45 μm	Fisher	09-719D	To filter the FeCl ₃ solution
Sterile Alcohol Prep Pad	Fisher	06-669-62	To sterilize the surgical site
Agarose	BioExpress	E-3120-500	To make gel stage
Leica DMLFS fluorescent microscope	Leica		Intravital microscope
GIBALTAR Platform and X-Y Stage System with heating plate attached.	npi electronic GmbH		http://www.npielectronic.de/products/micropositioners/burleigh/gibraltar.html

Streampix version 3.17.2 software	NorPix		https://www.norpix.com/
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