

Materials List for:

# Balloon-based Injury to Induce Myointimal Hyperplasia in the Mouse Abdominal Aorta

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## Materials

Name	Company	Catalog Number	Comments
10-0 Ethilon suture	Ethicon	2814G	
3 mL Syringe	BD Medical	309658	
37% HCl	Sigma-Aldrich	H1758	
5-0 prolene suture	Ethicon	EH7229H	
6-0 prolene suture	Ethicon	8706H	
Acid Fuchsin	Sigma-Aldrich	F8129-25G	Trichrome staining
Antigen retrieval solution	Dako	S1699	
Azophloxin	Waldeck	1B-103	Trichrome staining
Bepanthen Eye and Nose ointment	Bayer	1578675	Eye ointment
Betadine Solution	Betadine Purdue Pharma	NDC:67618-152	
C57BL/6J	Charles River	Stock number 000664	
Clamp applicator	Fine Science Tools	18056-14	JAW DIMS: 4 x 0.75 mm LENGTH: 13 mm
Collagen 3	abcam	ab7778	Antibody
DAPI	Thermo Fischer	D1306	
Donkey anti-Goat IgG AF555	Invitrogen	A21432	Secondary antibody
Donkey anti-Rabbit IgG AF488	Invitrogen	A21206	Secondary antibody
Donkey anti-Rabbit IgG AF488	Invitrogen	A11055	Secondary antibody
Donkey anti-Rabbit IgG AF555	Invitrogen	A31572	Secondary antibody
Ethanol 70%	Th. Geyer	2270	
Ethanol 96%	Th. Geyer	2295	
Ethanol absolute	Th. Geyer	2246	
FAP	abcam	ab28246	Antibody
Forceps fine	Fine Science Tools	11251-20	
Forceps standard	Fine Science Tools	11023-10	
Glacial Acetic Acid	Sigma-Aldrich	537020	
Hair clipper	WAHL	8786-451A ARCO SE	
Heparin	Rotexmedica	PZN 3862340	25.000 I.E./mL
High temperature cautery kit	Bovie	18010-00	
Image-iT FX Signal Enhancer	Invitrogen	I36933	Blocking solution
Light Green SF	Waldeck	1B-211	Trichrome staining
Microsurgical clamp	Fine Science Tools	18055-04	Micro-Serrephine - 4mm

MINI TREK Coronary Dilatation Catheter 1.20 mm x 6 mm / Rapid-Exchange	Abbott	1012268-06U	
Molybdato-phosphoric acid hydrate	Merck	1.00532.0100	Trichrome staining
NaCl 0,9%	B.Braun	PZN 06063042 Art. Nr.: 3570160	
Needle holder	Fine Science Tools	12075-14	
Novaminsulfon	Ratiopharm	PZN 03530402	Metamizole
Orange G	Waldeck	1B-221	Trichrome staining
Paraffin	Leica biosystems	REF 39602004	
PBS pH 7,4	Gibco	10010023	
PFA 4%	Electron Microscopy Sciences	#157135S	
Ponceau S solution	Serva Electrophoresis	33427	Trichrome staining
Primary antibody diluent	Dako	S3022	
Prolong Gold Mounting solution	Thermo Fischer	P36930	Mounting solution for immunofluorescence stained slides
Replaceable Fine Tip	Bovie	H101	
Resorcin-Fuchsin Weigert	Waldeck	2E-30	Trichrome staining
Rimadyl	Pfizer	400684.00.00	Carprofen
Scissors	Fine Science Tools	14028-10	
Scissors Vannas-style	Fine Science Tools	15000-03	
Secondary antibody diluent	Dako	S0809	
Fast acting Adhesive MINIS 3x1g	UHU	45370	Cyanoacrylate
Slide Rack	Ted Pella	21057	
SM22	abcam	ab10135	Antibody
SMA	abcam	ab21027	Antibody
Staining dish	Ted Pella	21075	
Surgical microscope	Leica	M651	
Tabotamp fibrillar	Ethicon	431962	Absorbable hemostat
Transpore Surgical Tape	3M	1527-1	
U-100 Insulin syringe	BD Medical	324825	
Vessel Dilator	Fine Science Tools	18603-14	
Vitro-Clud	Langenbrinck	04-0001	
Weigerts iron hematoxylin Kit	Merck	1.15973.0002	Trichrome staining
Xylene	Th. Geyer	3410	