

Materials List for:

The Rabbit Model of Accelerated Atherosclerosis: A Methodological Perspective of the Iliac Artery Balloon Injury

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URL: <https://www.jove.com/video/55295>

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Materials

Name	Company	Catalog Number	Comments
New Zealand White rabbits	Charles River laboratories,France	Cre:KBL(NZW)	
Cholesterol rich diet	Ssniff spezialdiäten	Ssniff EF K High Fat and Cholesterol	
Glass bead sterilizer-Germinator 500	VWR, Leicestershire, UK	101326-488	
Fogarty balloon embolectomy catheters, 2 French	Edwards Lifesciences, Switzerland	120602F	For single use only
Luer Lock Syringe	Becton, Dickinson and Company, USA	309628	
Thermopad Type 226	Solis, Switzerland AG	397387	
Buprenorphine- Temgesic	Reckitt Benckiser AG, Switzerland	7.68042E+12	
Isoflurane	Piramal Critical Care, Inc, Bethlehem, PA 18017	2667-46-7	
Anaesthesia machine-combi-vet Base Anesthesia System	Rothacher Medical GmbH, Switzerland	CV 30-301-A	
Cardell touch veterinary vital signs monitor	Midmark, Ohio, USA	8013-001	
Ophthalmic ointment-Humigel	Virbac, France		
Animal hair clippers	Aesculap AG, Germany	GT420	
Disinfectant-Betadine solution	MundipharmaMedicalCompany, Switzerland	14671-1203	
Dumont #7 Forceps	FST Germany	11274-20	
Medium and small microscissors	Medline International Switzerland Sàrl	UC4337	
Microvascular clamps	FST, Germany	18051-28	
Papaverine	ESCA chemicals, Switzerland	RE 356 803	
Vein Pick	Harvard Apparatus, Cambridge, UK	72-4169	For single use only
Saline	Laboratorium Dr. G. Bichsel AG, , Switzerland	1330055	
Polysorb 5-0 suture	Covidien AG, Switzerland	UL 202	Monofilament
Sulfadoxine and Trimethoprim-Trimethazol	Werner Stricker AG, Switzerland	Swissmedic Nr. 50'361	
Antiseptic- Octenisept	Schülke & Mayr AG, Switzerland	GTIN: 4032651214068	
Phosphate Buffered Saline	Roth	1058.1	
Isobutanol-2-Methylbutane	Sigma-Aldrich, Switzerland	M32631-1L	

Optimum Cutting Temperature compound-Tissue-Tek	VWR Chemicals, Belgium	25608-930	
Cryostat	Leica, Glattbrugg, Switzerland	Leica CM1860 UV	
Glass slide- Superfrost Plus	Thermo Scientific	4951PLUS4	
Mayer's Haematoxylin	Sigma-Aldrich, Switzerland	MHS32-1L	
Eosin 0.5% aq.	Sigma-Aldrich, Switzerland	HT110232-1L	
Oil Red O	Sigma-Aldrich, Switzerland	O0625-25G	
α -smooth muscle actin antibody	Abcam, UK.	ab7817	
Macrophage Clone RAM11 antibody	DAKO, Switzerland	M063301	
Hoechst	Abcam, UK.	ab145596	
Goat polyclonal Secondary Antibody (Chromeo 546)	Abcam, UK.	ab60316	
Alexa Fluor 488/547	Abcam, UK.		
Glycergel Mounting Medium, Aqueous	DAKO, Switzerland	C056330	
Hematoxylin for Movat pentachrome staining	Sigma-Aldrich, Switzerland	H3136-25G	
Ferric chloride for Movat pentachrome staining	Sigma-Aldrich, Switzerland	157740-100G	
Iodine for Movat staining	Sigma-Aldrich, Switzerland	207772-100G	
Potassium iodide for Movat pentachrome staining	Sigma-Aldrich, Switzerland	60400-100G-F	
Alcian blue for Movat staining	Sigma-Aldrich, Switzerland	A5268-10G	
Strong Ammonia for Movat pentachrome staining	Sigma-Aldrich, Switzerland	320145-500ML	
Brilliant crocein MOO for Movat pentachrome staining	Sigma-Aldrich, Switzerland	210757-50G	
Acid Fuchsin for Movat pentachrome staining	Sigma-Aldrich, Switzerland	F8129-50G	
Sodium Thiosulfate for Movat pentachrome staining	Sigma-Aldrich, Switzerland	72049-250G	
Phosphotungstic acid for Movat pentachrome staining	Sigma-Aldrich, Switzerland	79690-100G	
Crocin for Movat pentachrome staining	Sigma-Aldrich, Switzerland	17304-5G	
EUKITT for Movat pentachrome staining	Sigma-Aldrich, Switzerland	03989-100ML	