

Materials List for

Cardiac Response to β -Adrenergic Stimulation Determined by Pressure-Volume Loop Analysis

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jove.com/video/62057

Materials

Name	Company	Catalog Number	Comments
1.4F SPR-839 catheter	Millar Instruments, USA	840-8111	
1 ml syringes	Beckton Dickinson, USA	REF303172	
Bio Amplifier	ADInstruments, USA	FE231	
Bridge-Amplifier	ADInstruments, USA	FE221	
Bovine Serum Albumin	Roth, Germany	8076.2	
Buprenorphine hydrochloride	Bayer, Germany	4007221026402	
Calibration cuvette	Millar, USA	910-1049	
Differential pressure transducer MPX	Hugo Sachs Elektronik- Harvard Apparatus, Germany	Type 39912	
Dumont Forceps #5/45	Fine Science tools Inc.	11251-35	
Dumont Forceps #7B	Fine Science tools Inc.	11270-20	
Graefe Forceps	Fine Science tools Inc.	11051-10	
GraphPad Prism	GraphPad Software	Ver. 8.3.0	
EcoLab-PE-Micotube	Smiths, USA	004/310/168-1	
Etomidate Lipuro	Braun, Germany	2064006	
Excel	Microsoft		
Heparin	Ratiopharm, Germany	R26881	
Hot plate and control unit	Labotec, Germany	Hot Plate 062	
Isofluran	Baxter, Germany	HDG9623	
Isofluran Vaporizer	Abbot	Vapor 19.3	
Isoprenalinhydrochloride	Sigma-Aldrich, USA	I5627	
Fine Bore Polythene tubing 0.61 mm OD, 0.28 mm ID	Smiths Medical International Ltd, UK	Ref. 800/100/100	
MiniVent ventilator for mice	Hugo Sachs Elektronik- Harvard Apparatus, Germany	Type 845	
MPVS Ultra PVL System	Millar Instruments, USA		
NaCl	AppliChem, Germany	A3597	

NaCl 0.9% isotonic	Braun, Germany	2350748	
Pancuronium-bromide	Sigma-Aldrich, USA	BCBQ8230V	
Perfusor 11 Plus	Harvard Apparatus	Nr. 70-2209	
Powerlab 4/35 control unit	ADInstruments, USA	PL3504	
Rechargeable cautery-Set	Faromed, Germany	09-605	
Scissors	Fine Science tools Inc.	140094-11	
Software LabChart 7 Pro	ADInstruments, USA	LabChart 7.3 Pro	
Standard mouse food	LASvendi GmbH, Germany	Rod18	
Stereo microscope	Zeiss, Germany	Stemi 508	
Surgical suture 8/0	Suprama, Germany	Ch.B.03120X	
Venipuncture-cannula Venflon Pro Safty 20-gauge	Beckton Dickinson, USA	393224	
Vessel Cannulation Forceps	Fine Science tools Inc.	00574-11	
Water bath	Thermo Fisher Scientific, USA		
Syringe filter (Filtropur S 0.45)	Sarstedt, Germany	Ref. 83.1826	