

Materials List for:

The Inverted Heart Model for Interstitial Transudate Collection from the Isolated Rat Heart

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URL: <https://www.jove.com/video/55849>

DOI: [doi:10.3791/55849](https://doi.org/10.3791/55849)

Materials

Name	Company	Catalog Number	Comments
Latex Solution	ProChemie	Z-Latex LA-TZ	http://kautschukgesellschaft.de/%E2%80%A8z-latex-la-tz
Aluminum Mold	Home made	-	Reverse heart model
Universal Ovens	Memmert	UNB 400	Reverse heart model
Latex Balloon	Hugo Sachs	Size 4	Reverse heart model
Milling Machine	Proxxon	MF70	Reverse heart model
Sodium Chloride	Sigma	SZBD0810V	Chemicals
Sodium Hydrogen Carbonate	Roth	68852	Chemicals
Potassium Chloride	Merck	49361	Chemicals
Magnesium Sulphate Heptahydrate	Merck	58861	Chemicals
Potassium Dihydrogen Phosphate	Merck	48731	Chemicals
D(+)-Glucose Anhydrous	Merck	83371	Chemicals
Calcium Chloride Dihydrate	Fluka	21097	Chemicals
Balance	VWR	SE 1202	Weighing chemicals
Double Distilled Water	Millpore	-	Disolving chemicals
Medical Pressure Transducer	Gold	-	Langendorff apparatus
Medical Flow Probe	Transonic	3PXN	Langendorff apparatus
Heating Circulating Bath	Haake	B3 ; DC1	Langendorff apparatus
Laboratory and Vaccum Tubing	Tygon	R-3603	Langendorff apparatus
Animal Research Flowmeters	Transonic	T206	Langendorff apparatus
PowerLab Data Acquisition Device	AD Instruments	Chart 7.1	Langendorff apparatus
LabChart Data Acquisition Software	AD Instruments	Chart 7.1	Langendorff apparatus
Peristaltic Pump	Glison	MINIPULS 3	Langendorff apparatus
Glass Water Column	home made	-	Langendorff apparatus
Water Bath Protective Agent	VWR	462-7000	Langendorff apparatus
Sterile Disposable Filters (0.2 µm)	Thermo Scientific	595-4520	Langendorff apparatus
Blood gas analyzers	Radiometer	ABL90 FLEX PLUS	Gas analyzer
70% ethanol	VWR	UN1170	Cleaning tubings
100% ethanol	Merck	64-17-5	Cleaning tubings
Wistar Rats	Janvier	-	Animals
Stainless Scissors	AESCULAP	BC702R	Surgical Instruments

Stainless Scissors	AESULAP	BC257R	Surgical Instruments
Big Forceps	AESULAP	-	Surgical Instruments
8m/m Stainless Forceps	F.S.T	11052-10	Surgical Instruments
superfine (10/0) emery paper	3M	051111-11694	Reverse heart model