

Materials List for:

# Method of Isolated *Ex Vivo* Lung Perfusion in a Rat Model: Lessons Learned from Developing a Rat EVLP Program

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## Materials

Name	Company	Catalog Number	Comments
IPL-2 Basic Lung Perfusion System	Harvard Apparatus		
Tweezer #5 stainless steel, curved 11 cm	Kent Scientific Corporation	IND500232	
Tweezer #5 Dumostar, 11 cm	Kent Scientific Corporation	INS500085-A	
Tweezer #7 Titanium, 12 cm tips curved	Kent Scientific Corporation	INS600187	
McPherson-Vannas Scissors 8 cm, Str 5 mm	Kent Scientific Corporation	INS14124	
Vannas Scissors 8 cm Str 5 mm	Kent Scientific Corporation	INS14003	
Instrument Sterilization Tray 5" x 7"	Kent Scientific Corporation	INS800101	
Heparin 30,000 units per 30 ml	APP Pharmaceuticals	Supplied from OSU Pharmacy	
Ketamine 500 mg per 5 ml	JHP Pharmaceuticals	Supplied from OSU Pharmacy	
Xylazine 100 mg per 1 ml	Akorn	Supplied from OSU Pharmacy	
10 cc insulin syringe 29 G x 1/2" needle	B-D	309301	
Hyflex NBR	Ansell	S-17310M	Bite proof gloves
BL1500	Sartorius	Practum 1102-1S	Scale
Large Flat Bottom Restrainer	Braintree Scientific Inc	FB L 3.375 dia x 8.5, 250-500gm rat	Rat tunnel for injection
Sterling Nitrile Powder-free Exam Gloves, Large	Kiberly-Clark	50708	
Rapidpoint 405	Siemens		blood gas analyzer
Fiberoxygenator D150	Hugo Sachs Elektronik	PY2 73-3762	
LabChart v7.3.7	ADInstruments		
Tracheal cannula	Harvard Apparatus	733557	
Pulmonary Artery cannula	Harvard Apparatus	730710	
Left Atrium cannula	Harvard Apparatus	730712	
Peristaltic Pump	Ismatec	ISM 827B	
Small Animal Ventilator model 683	Harvard Apparatus	55-000	

Ecoline Star Edition 003, E100	Lauda	LCK 1879	Water Heater
Tubing Cassette	Cole-Parmer	IS 0649	
Connect kit D150	Cole-Parmer	VK 73-3763	
PowerLab 8/35	ADInstruments	730045	
TAM-A transducer amplifier module type 705/1	Hugo Sachs - Harvard Apparatus	73-0065	
TAM-D transducer amplifier type 705/2	Hugo Sachs - Harvard Apparatus	73-1793	
SCP Servo controller for perfusion type 704	Hugo Sachs - Harvard Apparatus	732806	
CFBA carrier frequency bridge amplifier type 672	Hugo Sachs - Harvard Apparatus	731747	
VCM ventilator control module type 681	Hugo Sachs - Harvard Apparatus	731741	
TCM time control module type 686	Hugo Sachs - Harvard Apparatus	731750	
IL2 Tube set for perfusate	Harvard Apparatus	733842	
Tube set for moist chamber	Harvard Apparatus	73V83157	
Tygon E-3603 Tubing 2.4 mm ID	Harvard Apparatus	721017	perfusate line entering lung
Tygon E-3603 Tubing 3.2 mm ID	Harvard Apparatus	721019	perfusate line leaving lung
low potassium dextran glucose solution			flushing the lung