

Vascular Casting of Adult and Early Postnatal Mouse Lungs for Micro-CT Imaging

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Materials

Name	Company	Catalog Number	Comments
1cc syringe	Becton Dickinson	309659	
20ml Glass Scintillation Vials	Fisher	03-340-25P	
30G Needle	Becton Dickinson	305106	
50mL conical tubes	Cornin	352098	For sample Storage and scanning
60cc syringe	Becton Dickinson	309653	
7-0 silk suture	Teleflex	103-S	
Analyze 12.0 Software	AnalyzeDirect Inc.	N/A	Primary Software
Amira 6.7 Software	Thermo Scientific	N/A	Alternative Software
CeramaCut Scissors 9cm	Fine Science tools	14958-09	
Ceramic Coated Curved Forceps	Fine Science tools	11272-50	
CO2 Tank	Robert's Oxygen Co.	n/a	
Dual syringe pump	Cole Parmer	EW-74900-10	
Dumont Mini-Forceps	Fine Science tools	11200-14	
Ethanol	Pharmco	111000200	
Formalin	Sigma - Life Sciences	HT501128	
Gauze	Covidien	441215	
Hemostat	Fine Science tools	13013-14	
Heparin (1000USP Units/ml)	Hospira	NDC 0409-2720-01	
Horos Software	Horos Project	N/A	Alternative Software
induction chamber	n/a	n/a	
Kimwipe	Fisher	06-666	fiber optic cleaning wipe
Labelling Tape	Fisher	15966	
Magnetic Base	Kanetec	N/A	
Micro-CT system	PerkinElmer	Quantum GX	

Microfil (Polymer Compound)	Flowech Inc.	Kit B - MV-122	8 oz. of MV compound; 8 oz. of diluent; MV-Curing Agent
Micromanipulator	Stoelting	56131	
Monoject 1/2 ml Insulin Syringe	Covidien	1188528012	
Octagon Forceps Straight Teeth	Fine Science tools	11042-08	
Parafilm	Bemis company, Inc.	#PM999	
PE-10 tubing	Instech	BTPE-10	
Phospahte buffered Saline	BioRad	#161-0780	
Ring Stand	Fisher	S13747	Height 24in.
Sodium Nitroprusside	sigma	71778-25G	
Steel Plate	N/A	N/A	16 x 16 in. area, 1/16 in thick
Straight Spring Scissors	Fine Science tools	15000-08	
SURFLO 24G Teflon I.V. Catheter	Santa Cruz Biotechnology	360103	
Surgical Board	Fisher	12-587-20	This is a converted slide holder
Universal 3-prong clamp	Fisher	S24280	
Winged Inf. Set 25X3/4, 12" Tubing	Nipro	PR25G19	
Zeiss Stemi-508 Dissection Scope	Zeiss	n/a	