

Materials List for

Precision Cut Lung Slices as an Efficient Tool for *Ex vivo* Pulmonary Vessel Structure and Contractility Studies

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jove.com/video/62392

Materials

Name	Company	Catalog Number	Comments
0.5cc of fractionated heparin in syringe	BD	100 USP units per mL	
1X PBS	Corning	21-040-CM	
20 1/2 inch gauge blunt end needle for trachea cannulation	Cml Supply	90120050D	
30cc syringe	BD	309650	
Anti Anti solution	Gibco	15240096	
Automated vibrating blade microtome	Leica	VT1200S	
Cell Viability Reagent (alamarBlue)	Thermofisher	DAL1025	
Confocal	Zeiss	880	
Dulbecco's Modified Eagle Medium and GLutaMAX, supplemented with 10% FBS, 1% Pen/Strep	Gibco	10569-010	
Endothelin-1	Sigma	E7764	
KCl	Sigma	7447-40-7	
Mortar and Pestle	Amazon		
RIPA lysis and extraction buffer	Thermoscientific	89900	
Surgical suture 6/0	FST	18020-60	
TRIzol Reagent	Invitrogen, Thermofisher	15596026	
UltraPure Low Melting Point Agarose	Invitrogen	16520050	
Vibratome	Leica Biosystems	VT1200 S	
Winged blood collection set (Butterfly needle) 25-30G	BD	25-30G	