

Materials List for

Simplified Whole Body Plethysmography to Characterize Lung Function During Respiratory Melioidosis

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jove.com/video/62722

Materials

Name	Company	Catalog Number	Comments
1/8" NPT Luer adaptor	Amazon	B07DH9MY8W	Calibration port
1/8" NPT to 1/4" NPT adaptor	Amazon	B07T6CR6FS	Bulkhead to luer adaptor
150 kohm resistor	Amazon	B07GPRYL81	Pressure transducer excitation voltage selection
3/4" diamond drill bit	Drilax	DRILAX100425	To drill bulkhead mounts in glass jar
Bridge Amp	AD Instruments	FE221	One channel option
Bulkhead fitting	Legines	3000L-B	1/4" NPT, 3/4-16 UNF brass bulkhead coupling
Chaney adaptor	Hamilton	14725	Gas tight syringe adaptor for set volume
DIN connector	AD Instruments	SP0104	To connect pressure sensor to Bridge Amp
Gastight syringe, 25 uL	Hamilton	80201	Calibration syringe
LabChart	AD Instruments		Life Science Data Acquisition Software
Luer plug	Cole Parmer	45513-56	Calibration port closure
PowerLab 4/26	AD Instruments	PL2604	Digital interface to computer
Pressure transducer	Omega Engineering	PX409-10WGV	High accuracy oil filled gage pressure sensor
Rubber gasket	Amazon	B07LH4C8LS	To mount bulkheads (4 required per chamber)
Square glass jar	Amazon	B07VNSPR8P	600 ml with 95 mm silicone gasket