Materials List for:

Phenotyping Mouse Pulmonary Function *In Vivo* with the Lung Diffusing Capacity

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Materials

Name	Company	Catalog Number	Comments
Gas Chromatograph	Inficon	Micro GC Model 3000A	Agilent makes a comparable model
18 G Luer stub needle	Becton Dickenson		Several other possible vendors
3 ml plastic syringe	Becton Dickenson		Several other possible vendors
Polypropylene gas sample bags	SKC	1 or 2 L capacity works well	Other gas tight bags will work well
Gas tank, 0.3% Ne, 0.3% CO, balance air; (size ME)	Airgas, Inc	Z04 NI785ME3012	This is the standard mixture used for DLCO in humans
25 TCID50/mouse of influenza virus A/PR8 diluted in phosphate buffered saline.			
Porcine pancreatic elastase	Elastin Products, Owensville, MO		5.4 U
Bleomycin	APP Pharmaceuticals, Schaumburg, IL		0.25 U
Escherichia coli LPS	Sigma L2880		3 μg/g body weight; O55:B5
Aspergillus fumigatus (isolate Af293) conidia were collected from mature colonies grown on potato dextrose agar.			

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