

Materials List for:

A Microfluidic Model of Biomimetically Breathing Pulmonary Acinar Airways

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Materials

Name	Company	Catalog Number	Comments
Polydimethylsiloxane (PDMS) and curing agent	Dow Corning	(240)4019862	Sylgard® 184 Silicone Elastomer Kit
Plastipak 2 ml syringe	BD	300185	
Norm-Ject Luer slip 1 ml syringe	Henke Sass Wolf	4010-200V0	
1 mm Biopsy punch	Kai Medical	BP-10F	
Laboratory Corona Treater	Electro-Technic Products	BD-20AC	
PHD Ultra Syringe pump	Harvard apparatus	703006	
Dyed red rqueous fluorescent particles	Thermo-Scientific		Uncataloged 0.86 µm beads were used
Glycerin AR	Gadot	830131320	
FlowMaster MITAS micro-particle image velocimetry (µPIV) system	LaVision	1108630	