

Materials List for

Air-Inflation of Murine Lungs with Vascular Perfusion-Fixation

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Materials

Name	Company	Catalog Number	Comments
00117XF-Stopcock 1 way 100/PK M Luer	Cole-Parmer	Mfr # VPB1000050N – Item # EW-00117-XF	Stopcock
BD 60 mL syringe, slip tip	BD	309654	Syringe used to construct the water column
BD PrecisionGlide Needle 25G x 5/8	BD Biosciences	305122	Needle for vascular perfusion/fixation
Female Luer Thread Style Panel Mount 1/4-28 UNF to Male Luer	Nordson Medical	FTLLBMLRL-1	Female Luer
Heparin sodium salt from porcine intestinal mucosa	Sigma-Aldrich	H3393	Heparin solution.
Luer-Stub Adapter BD Intramedic 20 Gauge	BD Biosciences	427564	Luer-Stub Adapter
Male Luer (2) to Female Luer Thread Style Tee	Nordson Medical	LT787-9	Male Luer
Nalgene 180 Clear Plastic PVC Tubing	ThermoFisher Scientific	8000-9020	Tubing
Paraformaldehyde Aqueous Solution - 32%	Electron Microscopy Sciences	15714-S	Fixative solution. Diluted to 4% with phosphate buffered saline
Permatex Ultra Blue Multipurpose RTV Silicone Gasket Maker	Permatex	81724	Silicone Gasket Maker for air-tight sealing of chambers
Phosphate-Buffered Saline, 1x Without Calcium and Magnesium	Corning	21-040-CV	Bottle used to construct the air-inflation chamber, and buffer used for heparin and fixative solutions
Sterilite Ultra Seal 16.0 cup rectangle food storage container	Sterilite	0342	Animal processing container