

Materials List for:

A Simple Method of Mouse Lung Intubation

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Materials

Name	Company	Catalog Number	Comments
Intubation cannula	BD Insylte, Sparks, MD or Jelco Optiva, Carlsbad, CA		1-in.-long, 20-gauge intravenous (IV) catheter
Fiber-optic cable	Edmund Optics, Barrington, NJ	#NT02-542	Approximately 2-ft length of 0.5-mm optical fiber (Communication grade plastic fiber). The edge of the fiber end that is inserted into the trachea should be gently rounded by holding the fiber ≈2 cm from the end and then making small circles while dragging the tip for a few seconds on 1,000-grit emory paper.
Light Source	Volpi	NCL-150	Although we use a 150-W halogen light source, any equivalent light source, even with much lower wattage can be used.
Aluminum tube			One inch O.D., with 1/16 inch wall. This may need to be change to fit whichever light source is used.
Rubber stopper			A #4 rubber stopper fits the 1 inch tube.
Small silicone rubber tube	Cole-Palmer	EW-96410-13	A ≈1.5 cm piece of silicone rubber tubing (0.8 inner diameter, 4 mm outer diameter)
Angled support stand			Ours is constructed from plexiglass, but any material to which a thread or wire can be affixed to hold the mouse at an almost vertical angle can be use.