

Materials List for:

Intubation-mediated Intratracheal (IMIT) Instillation: A Noninvasive, Lung-specific Delivery System

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Materials

Name	Company	Catalog Number	Comments
Rodent, Tilting WorkStand	Hallowell EMC	000A3467	Base should be detached when working in a BSC
Operating Otoscope Head	Welch Allyn	21700	
Otoscope 3.5 V Li Battery	Welch Allyn	71900	
Mouse Intubation Specula short, Autoclaveable	Hallowell EMC	200A3589S	
Incisor Loops	Hallowell EMC	210A3490A	
Cotton fine tip applicator	Puritan	871-PC DBL	Used for tongue retraction
I.V. Catheter, 20 G	Exel Int	26741	Optional: fit a silicon sleeve with 10 mm exposed catheter surface
Gas tight syringe, 250 ul	Hamilton	81120	Used for delivery of liquid inoculum by IMIT
Blunt Needle, 22 G	Hamilton	91022	Trim to length to protrude 1 mm from 20 G catheter
Guide wire (Fiber optic wire, 0.5 mm)	TheFiberOpticStore.com	FOF .50	Cut to 6" length: used as guide wire for intubation
Tuberculin syringe, 1 ml	Becton Dickinson	309659	Assemble with fiber optic wire as guide wire
Brilliant Blue R (Coomassie)	Sigma	B0149	
Tygon tubing, 1/16"	Saint Gobain	ALC00002	
Male Luer 1/16" barb	Cole Parmer	45503-22	
Female Luer 1/16" barb	Cole Parmer	45500-00	
Lidocaine, USP	Spectrum	LI102	pH lidocaine into solution at 2%(w/v) pH7.0
Sample bag, 1 oz	Whirl-Pak	B01067	
U-bottom 96 well plate, sterile	Greiner	650161	