

Materials List for

A Permanent Window for Investigating Cancer Metastasis to the Lung

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Materials

Name	Company	Catalog Number	Comments
1% (w/v) solution of enzyme-active detergent	Alconox Inc	N/A	concentrated, anionic detergent with protease enzyme for manual and ultrasonic cleaning
2 µm fluorescent microspheres	Invitrogen	F8827	
5 mm coverslip	Electron Microscopy Sciences	72296-05	
5% (w/v) solution of sodium hydroxide	Sigma-Aldrich	S8045	
5% Isoflurane	Henry Schein, Inc	29405	
5-0 braided silk with RB-1 cutting needle	Ethicon, Inc.	774B	
7% (w/v) solution of citric acid	Sigma-Aldrich	251275	
8 mm stainless steel window frame	N/A	N/A	Custom made, Supplementary Figure 2
9 cm 2-0 silk tie	Ethicon, Inc.	LA55G	
5 mm disposable biopsy punch	Integra	33-35-SH	
Blunt micro-dissecting scissors	Roboz	RS-5980	
Brass window tool holder	N/A	N/A	Custom-made, Supplemental Figure 3
Buprenorphine	Hospira	0409-2012-32	
Cautery pen	Braintree Scientific	GEM 5917	
Chlorhexidine gluconate	Becton, Dickinson and Company	260100	ChloraPrep Single swabstick 1.75 mL
Compressed air canister	Falcon	DPSJB-12	
Cyanoacrylate adhesive	Henkel Adhesives	LOC1363589	
Fiber-optic illuminator	O.C. White Company	FL3000	
Bead sterilizer	CellPoint Scientific	GER 5287-120V	Germinator 500
Graefe forceps	Roboz	RS-5135	
Infrared heat lamp	Braintree Scientific	HL-1	

Insulin syringes	Becton Dickinson	329424	
Isoflurane vaporizer	SurgiVet	VCT302	
Jacobson needle holder with lock	Kalson Surgical	T1-140	
Long cotton tip applicators	Medline Industries	MDS202055	
Nair	Church & Dwight Co., Inc.	40002957	
Neomycin/polymyxin B/bacitracin	Johnson & Johnson	501373005	Antibiotic ointment
Ophthalmic ointment	Dechra Veterinary Products	17033-211-38	
Paper tape	Fisher Scientific	S68702	
Murine ventilator	Kent Scientific	PS-02	PhysioSuite
Rectangular Cover Glass	Corning	2980-225	
Rodent intubation stand	Braintree Scientific	RIS 100	
Small animal lung inflation bulb	Harvard Apparatus	72-9083	
Stainless steel cutting tool	N/A	N/A	Custom made, Supplementary Figure 1
Sulfamethoxazole and Trimethoprim oral antibiotic	Hi-Tech Pharmacal Co.	50383-823-16	
SurgiSuite Multi-Functional Surgical Platform for Mice, with Warming	Kent Scientific	SURGI-M02	Heated surgical platform
Tracheal catheter	Exelint International	26746	22 G catheter
Vacuum pickup system metal probe	Ted Pella, Inc.	528-112	