

Materials List for

Cigarette Smoke Exposure in Mice using a Whole-Body Inhalation System

Daniel E. Morales-

Mantilla^{1,2}, Xinyan Huang^{3,7}, Philip Erice^{1,3}, Paul Porter⁴, Yun Zhang^{1,5}, Mary Figueroa⁶, Joya Chandra⁶, Katherine Y. King², Farrah Kheradmand^{4,8}, Antony Rodríguez^{3,8}

¹Program in Immunology, Baylor College of Medicine ²Department of Pediatrics, Section of Infectious Diseases, Baylor College of Medicine ³Department of Medicine - Immunology Allergy and Rheumatology, Baylor College of Medicine ⁴Department of Medicine, Pulmonary, Critical Care, Sleep Medicine, Baylor College of Medicine ⁵Department of Pathology and Immunology, Baylor College of Medicine ⁶Department of Pediatrics, Research and Department of Epigenetics and Molecular Carcinogenesis, The University of Texas MD Anderson Cancer Center ⁷Division of Pulmonary and Critical Care Medicine, The First Affiliated Hospital of Sun Yat-sen University ⁸Center for Translational Research on Inflammatory Diseases (CTRID), Michael E. DeBakey VA Medical Center

Corresponding Author

Antony Rodríguez
antonyr@bcm.edu

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Materials

Name	Company	Catalog Number	Comments
1 in fastener	Lowe's	756990	
1/4 in Barbed Y connector	VWR	89093-282	
1/4 in straight tubing connector	VWR	62866-378	
1/8 hex nipple	Lowe's	877221	
1/8 in threaded coupling fitting	Lowe's	877208	
1/8 in threaded male adapter nipple fitting	Lowe's	877243	
10/32 (M) threaded straight connector	Bimba	EB60	
3/4 in 90-degree elbow CPVC fitting	Lowe's	22643	
3/4 in chlorinated polyvinyl chloride (CPVC) pipe	Lowe's	23814	
3/4 in CPVC cap	Lowe's	23773	
3/4 in CPVC Drip irrigation female adapter	Lowe's	194629	
3/4 in diameter CPVC male adapter	Lowe's	23766	
8.5 L airtight container with lid (11.25in x 7.75in x 6 in)	Komax	N/A	Listed as "Komax Biokips Large Bread Box (280-oz) Large Storage Container"
Glass drain tube (1.75 in diameter x 8 in length)	KIMAX	6500	
Isonic Solenoid Valves	Bimba	V2A02-AW1	
Marlboro Red 100's	Marlboro	N/A	
Oxygen swivel barbed connector	Global Medical Solutions	RES002	

Panasonic Timer LT4H-W	Panasonic	LT4HW	Item was built-in the valve controller by Shepherd Controls & Associates
Pressure regulator	Allied Electronics and Automation	70600552	Also listed as "Norgren R07-100-RGKA"
Rubber stopper # 1 (one hole)	VWR	59581-163	
Rubber stopper # 8.5 (one hole)	VWR	59581-389	
Scireq inExpose system	Scireq and Emka Technologies	N/A	Commercial system used for comparison with our DIY WBIS
Straight barbed fitting (8mm opening)	VWR	10028-872	
Thread Sealant tape	Lowe's	1184243	
Threaded port adaptor	Bimba	P1SA1	
Timeter Aridyne 2000 Medical Air Compressor	MFI Medical	AHC-TE20	
Timeter flowmeter	Allied Healthcare Products	15006-03YP2	Also listed as "Puritan Air Meter"
Valve Control system	Shepherd Controls and Associates	N/A	Company custom designed the valve control system for this model.
Vinyl pipes	Vitality Medical	RES3007	