

# The Serial Anesthesia Array for the High-Throughput Investigation of Volatile Agents Using *Drosophila melanogaster*

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## Materials

Name	Company	Catalog Number	Comments
<b>Serial Anesthesia Array:</b>			
5 mL Serological Pipettes	Fisher Scientific	13-676-10C	Polystyrene, 5mL serological pipette
50 mL Conical Tubes	Fisher Scientific	1495949A	Polypropylene, 50 mL
Cable Tie Mounting Pad	Grainger	6EEE6	1.25 inch L x 1 inch W x 0.28 inch H
Dispensing Syringe	Grainger	5FVE0	10 mL with Luer-Lock Connection
Fabric Mesh Netting			1 mm mesh
Flow Indicator	Grainger	8RH52	5/16 to 1/2 inch connection size, paddle wheel style
Tygon Tubing	Tygon	E-3603	ID: 5/16, OD: 7/16, wall: 1/16
Wood Frame			10 feet of 2 inch x 3/4 inch
Zip Tie			>5inch
<b>Vaporizer Interface (Budget Alternative to Manifold):</b>			
Dispensing Syringe	Grainger	5FVE0	10 mL with Luer-Lock Connection
<b>Commercial Manifold and Vaporizers:</b>			
1/4 inch Equal Barbed Y Connector	Somni Scientific	BF-9000	
1/8 inch NPT to 1/4 inch Barbed Elbow (Plastic)	Somni Scientific	BF-9004	
AIR 0-4 LPM Flowmeter w/ black knob	Somni Scientific	FP-4002	
Flowmeter auxiliary mounting bracket	Somni Scientific	NonInvPart	
Medical Air, 1/8 inch NPT Male x DISS Male	Somni Scientific	GF-11012	
TT-2 Table Top Anesthesia System, built in dual diverter valve system. Includes 6' color coded tubing X2. (Vaporizer not Included)	Somni Scientific	TT-17000	
Tec 7 Isoflurane Vaporizer	GE Datex-Ohmeda	1175-9101-000	Agent-specific vaporizer (Isoflurane)

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