

Materials List for

Preparing Irradiated and Marked Male *Aedes aegypti* Mosquitoes for Release in an Operational Sterile Insect Technique Program

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Materials

Name	Company	Catalog Number	Comments
1-1/8" wrench (1" (1 inch) = 2.54 cm)	Craftsman	CMMT44707	
1/2 pint cardstock cup (1/2 pint = 236.5 mL)	Science Supplies WLE corp	1/2 pint	
1/4" tubing - tygon	Hudson Extrusions	LLDPE1/8 X 1/4 BLK	to attach to CO2 gas regulator
1/8" brass barb w/ MIP connection	B&K	BHB-85NLB	to attach to CO2 gas regulator
1000 mL graduated plastic beakers with handle	Thermo Scientific	1223-1000	
3000 mL graduated plastic beakers with handle	Thermo Scientific	1223-3000	
Adult large cage	Bioquip	1450D	
Aspirator vials	Bioquip	2809V	
Bovine liver powder	MP Biomedicals	290039601	
Brewers yeast	MP Biomericals	02903312-CF	
CO2 regulator	Randor	64003038	
CO2 tank (20# canister)	Praxair	CDBEVCARB20	
Collection basin	Treasure Gurus	KI-ENAMELBOWL	for separator
Cotton balls - large	Fisher Scientific	22-456-883	
Deli cups w/lids - 470 mL	Pactiv DELItainer	PCTYSD2516	
Deli cups w/lids - 1900 mL	Berry Global	T60764	
DoseReader 4			ND0.5 and ND1.0 QA Filter Set standards
Dosimetry film	Far West Technology, Inc.		
Filter paper	Millipore	AP10045S0	
Flashlight aspirator	Bioquip	2809D	
Forceps - fine featherweight	Bioquip	4748 or 4750	featherweight

GAFchromic			radiochromic film
Gammator M	Radiation Machinery Corporation, Parsippany, NJ		Cesium-137 irradiator
Hand held mechanical aspirator	Clarke Mosquito	13500	
Lambskin condoms	Trojan	Naturalamb	
Large CO2 chamber	Sterilite	Walmart # 568789514	
Larval rearing pans	Blue Ridge Thermoforming	01-FG-400-3N-ABS	Dimensions: 22.375 x 17.5 x 3 (inches)
Magnets - 20# pull	Master magnetics	MHHH20BX	
Marking dye	Dayglo	ECO-11	Aurora Pink
Marking dye	Dayglo	ECO-17	Saturn Yellow
Mesh	Falk		T301
Pasture pipettes	Thermo Scientific	02-708-006	
Petri dishes - large	VWR International	25384-090 CS	
Petri dishes - small (60 mm x 15 mm)	Fisher Brand	FB0875713A	
Pupa separator	J.W. Hock	1512	
Red rubber hose	Welch	331040-5	
Release containers	Science Supplies WLE corp	1 gallon	
Rubber bands - cross #19	Alliance	ALL37196	
Rubber bands - latitude #64	Skillcraft	NSN0589974	
Scale	Ohaus	H-4737	
Seed germination paper - Heavy stock 76#	Anchor Paper	#76	
Shipping coolers- 16 x 13 x 12.5"	MrBoxonline.com	Husky Foam Cooler kit	
Sieve #20	Advantech	20BS8F	
Sieve #30	Advantech	30BS8F	
Small cage - Bug Dorm	MegaView	Bug Dorm-1	
Small CO2 chamber	Mainstays	Walmart # 562922221	
Souffle cup lid	SOLO	41165277456	
Souffle cups - 4 oz (1 oz = 29.6 mL)	SOLO	41165024104	
Sponge	ocelo	MMM7274FD	
Squeeze bottle	Dynalon	3UUP6	
Stereoscope	Meiji Techno	EMZ-5	
Stockinette	BSN Medical	30-1006	
Styrofoam			extruded polystyrene foam
Tropical fish flake food	Tetra	4.52 pound	
Vacuum chamber - desiccator	BelArt	T9FB892757	
Weigh boats	Globe Scientific	3621	