

Materials List for:

# Reproducible dsRNA Microinjection and Oviposition Bioassay in Mosquitoes and House Flies

Neil D. Sanscrainte<sup>1</sup>, Christy M. Waits<sup>2,3</sup>, Christopher J. Geden<sup>1</sup>, Alden S. Estep<sup>1,2</sup>, James J. Becnel<sup>1</sup>

<sup>1</sup>USDA/ARS Center for Medical, Agricultural, and Veterinary Entomology

<sup>2</sup>CMAVE Detachment, Navy Entomology Center of Excellence

<sup>3</sup>Lovelace Respiratory Research Institute

Correspondence to: Neil D. Sanscrainte at [neil.sanscrainte@ars.usda.gov](mailto:neil.sanscrainte@ars.usda.gov)

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## Materials

Name	Company	Catalog Number	Comments
<b>needle pulling</b>			
vertical pipette puller	Kopf	720	settings: heater = 15 units, solenoid = 4 amps
glass capillaries, 3.5" long, ID = 0.530 mm ± 25 µm, OD 1.14 mm	World Precision Instruments	504949	capillaries for pulling glass needles
<b>microinjector station</b>			
Nanoliter 2010	World Precision Instruments	NANOLITER2010	microinjector
manual micromanipulator	World Precision Instruments	KITE-L	left hand KITE manipulator
magnetic stand	World Precision Instruments	M9	holds micromanipulator
precision stereo zoom binocular microscope on boom stand	World Precision Instruments	PZMIII-BS	dissecting scope for microinjections
1.5X objective	World Precision Instruments	501377	objective for microscope
light LED ring	World Precision Instruments	504134	light ring for injection microscope
laboratory chill table	BioQuip Products	1431	chill table for microinjections
microscope slides	Fisher Scientific	12-544-1	for staging insects while injections
Rhodamine B, 98+%	Acros Organics	AC296571000	
<b>mosquito oviposition bioassays</b>			
large Petri dish	Fisher Scientific	FB0875714	for holding staging slides
plastic cup - 3 1/2 oz.	Dart Container Corporation	TK35	mosquito oviposition bioassay cups
matte tulle fabric	Joanne Fabrics	1103068	caps for oviposition bioassays
blood source	locally acquired		typically bovine or live chickens
1 x 30mm clear edible collagen casing	Butcher and Packer	30D02-05	
heavy weight seed germination paper	Anchor Paper Co	SD7615L	
oral aspirator with HEPA filter	John W. Hock Company	612	
<b>house fly oviposition bioassays</b>			
4 L plastic food storage canister	Walmart	555115143	
10-inch stockinette sleeve	Medonthego.com	FS15001H	
wheat bran	locally acquired		typically found at feed stores

Calf Manna performance supplement	ValleyVetSupply.com	16731	pelleted livestock feed
dried egg yolk	BulkFoods.com	40506	
black cotton cloth	locally acquired		typically in craft supplies section
60 mL cup	Dart Container Corporation	P200-N	