

Assessment of The Effect of Antidiarrheal Drugs and Plant Extracts on *Drosophila melanogaster*

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jove.com/video/65877

Materials

Name	Company	Catalog Number	Comments
Chemical & Food medium			
Agar	Sigma Aldrich	A7002	5 Kg bucket
Bromophenol blue	Sigma Aldrich	34725-61-6	B5525-25G
Corn flour	Nature et Cie	*910007	25 Kg bag
Crofelemer	Napo pharmaceuticals	-	-
Ethanol 96%	-	-	-
Loperamide	Sigma Aldrich	L4762	5 grams
Moldex	VWR	1.06757.5000	5 Kg bag
Propionic acid	Dutscher	409553-CER	1 Liter bottle
Sugar	Pomona EpiSaveurs	52705	1 Kg bag
Yeast	Dutscher	789195	10 Kg bag
Materials			
Beaker	DWK LIFE SCIENCE	-	250 mL
Centrifugation tube	Eppendorf	30119401	Eppendorf tubes 5.0 mL
CO ₂ tank	-	-	-
Erlen Meyer flask	-	-	500 mL (for extraction)
Filter paper grade	Whatman	-	3 mm chr.
Flowbuddy socle	Genesis	-	-
Flugs Narrow Plastic vials	Genesis	49-102	-
Flystuff Blow gun	Genesis	-	-
Flystuff Ultimate Flypad	Genesis	-	-
Flystuff Foot pedal	Genesis	-	-
Forceps	Dumostar	11295-51	-
Graduated cylinder	-	-	100 mL
Inox spatula	-	-	-
Micropipette	Eppendorf	4924000088	Eppendorf Reference 2
Micropipette tip	Eppendorf	30000919	epT.I.P.S. Standard
Narrow Drosophila vials	Genesis	32-120	-

Paintbrush	-	-	-
Petri dish	Greiner	628162	Size: 60 x 15mm
Round-bottom flask	-	-	500 mL (for evaporation)
Thermometer	Avantor	620-0916	
Whisk	-	-	-
Equipments			
Chiller	HUBER	Minichiller	-
Heating bath	BÜCHI	B-490	-
Heating plate	BIOBLOCK SCIENTIFIC	-	Magnetic stirrer hot plate
Incubator	Memmert	-	HPP110eco
Rotary evaporator	BÜCHI	R-200	-
Scanner	Epson	V850 pro	-
Shaker	Edmund Bühle	KS 10	-
Stereomicroscope binocular	Zeiss	Stemi 305	-
Vacuum pump	VACUUBRAND	PC500 series	-
Vortex mixer	Sigma Aldrich	CLS6776-1EA	Corning LSE vortex mixers
Weighing scale	OHAUS Scout	SKX622	-