

Materials List for:

# Testing *Drosophila* Olfaction with a Y-maze Assay

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## Materials

Name	Company	Catalog Number	Comments
Drosophila Polystyrene tube	VWR europe	734-2255	30 x 25 mm Y-maze
Drosophila Borosilicate tube	Dijon verre		95 X 25 mm Y-maze
Foam stopper	Dutscher	999038	Y-maze
Y-shaped connector	Europrix	11020605	Y-maze
100-1,000 µl pipette tips	Corning	4868	Join the following pipette tips to the Y-shaped connector. Cut 2 pipette tips at 65 mm from the wide end, and connect the narrow end (with a #2 mm opening) to 2 test vials. These openings will limit the U-turns once the flies enter the tubes containing the odors. Cut 1 pipette tip at 35 mm from the wide end, and connect it to the loading vial. Y-maze
Far-Red LED Bulb	Rubin-Lacaque	0RB180238	625-630 nm
Acetic Acid	Sigma-Aldrich	45725	
Phenylacetic Acid	Sigma-Aldrich	P16621	
Yeast	Sensient Flavors Strasbourg	1018880464	
Cornmeal	eurogerm	Farine de maïs	
Agar	Kalys	HP-697-25	
Methyl hydroxy 4 benzoate	VWR international	25605293	