

Materials List for

Drosophila Passive Avoidance Behavior as a New Paradigm to Study Associative Aversive Learning

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jove.com/video/63163

Materials

Name	Company	Catalog Number	Comments
Bloomington Formulation diet	Nutri-Fly	66-112	Available from Genesee Scientific Inc., San Diego, CA
1000 µL Blue tip	Fisher	NC9546243	
17 x 100 mm 14 mL polypropylene culture tube	VWR	60818-689	
Aduino-based Automatic Kontrol Module	In-house	AKM-007	This unit is optional. Complete description, schematics, wiring diagram and a code are provided at the ECU Digital Market - https://digitalmarket.ecu.edu/akmmodule
Dual-Display 2-Channel Digital Clock/Timer	Digi-Sense	AO-94440-10	https://www.amazon.com/Cole-Parmer-AO-94440-10-Dual-Display-2-Channel-Jumbo-Digit/dp/B00PR0809G/ref=sr_1_5?dchild=1&keywords=Dual-Display+timer+jumbo&qid=1627660660&sr=8-5#customerReviews
Electronic Finger Counter	N/A	N/A	https://www.amazon.com/gp/product/B01M81RK6F/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
Fisherbrand Sparkleen 1 Detergent	Fisher Scientific	04-320-4	
Fly mouth aspirator	In-house		Prepared as described in reference 19.
Grass S88 stimulator	N/A	N/A	Could be replaced with any stimulator which can provide described parameters
Kim-wipes	Fisher Scientific	06-666	Kimberly-Clark Professional 34120
Metal block for fly immobilization	In-house		4 x 13 x 23.5cm aluminum block
Nutiva USDA Certified Organic, non-GMO, Red Palm Oil	Nutiva	N/A	https://www.amazon.com/Nutiva-Certified-Cold-Filtered-Unrefined-Ecuadorian/dp/B00JJ1E83G/ref=sxsts_rp_s1_0?cv_ct_cx=Nutiva+USDA+Certified+Organic%2C+non-GMO%2C+Red+Palm+Oil&dchild=1&keywords=Nutiva+USDA+Certified+Organic%2C

			+non-GMO%2C+Red+Palm+Oil&pd_rd_j=B00JJ1E83G&pd_rd_r=f35e9d2f-afe4-44b6-afc2-1c9cd705be18&pd_rd_w=R3Zb4&pd_rd_wg=eUv1m&pf_rd_p=c6bde456-f877-4246-800f-44405f638777&pf_rd_r=M94N11RC7NH333EMJ66Y&psc=1&qid=1627661533&sr=1-1-f0029781-b79b-4b60-9cb0-eeda4dea34d6
Shock tube	CelExplorer	TMA-201	https://www.ceexplorer.com/product_detail.asp?id=217&MainType=110&SubType=8
Stopwatch	Accusplit	A601XLN	https://www.amazon.com/gp/product/B0007ZGZYI/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
Transparent vinyl tubing (3/4" OD, 5/8" ID)	Lowe's		Available from Lowe's