

A Simple Technique to Assay Locomotor Activity in *Drosophila*

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URL

jove.com/video/65092

Materials

Name	Company	Catalog Number	Comments
Animal tracker	Hungarian Brain Research Program	version: 1.7	official website: http://animaltracker.elte.hu/main/downloads
Camera software	Microsoft	version: 2021.105.10.0	built-in windows 10 system
Computer	DELL	Vostro-14-5480	a computer running win 10 system is available
Drosophila carbon dioxide anesthesia workstation	Wu han Yihong technology	#YHDFPCO2-018	official website: http://www.yhkjwh.com/
Fiji software	Fiji team	version: 1.53v	official website: https://fiji.sc/
Format factory software	Pcfreetime	version: X64 5.4.5	official website: http://www.pcfreetime.com/formatfactory/CN/index.html
Graph pad prism	GraphPad Software	version: 8.0.2	official website: https://www.graphpad-prism.cn
Hight definition camera	TTQ	Jingwang2 (HD1080P F1.6 6-60mm)	official website: http://www.ttq100.com/product_show.php?id=35
Office software	Microsoft	version: office 2019	official website: https://www.microsoftstore.com.cn/software/office
Petri dish	Bkman	110301003	size: 60 mm
Silica gel	DOW	SYLGARD 184 Silicone Elastomer Kit	Mix well according to the instructions
Sodium bicarbonate	Macklin	#144-55-8	Mix well with silica gel