

Materials List for:

A Low-cost Method for Analyzing Seizure-like Activity and Movement in *Drosophila*

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URL: <https://www.jove.com/video/51460>

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Materials

Name	Company	Catalog Number	Comments
WebCam	Logitech	Pro900	Any quality webcam will suffice.
HandiAVI time-lapse software	Azcendant software		Latest version can be found at http://www.azcendant.com/
ImageJ	NIH		Latest version can be found at http://rsbweb.nih.gov/ij/download.html
Multitracker Plug-In	NIH		Latest version can be found at http://rsbweb.nih.gov/ij/plugins/index.html
Vortexer	VWR	Vortex Genie 2	Most standard size vortexers such as the Vortex Genie 2 will suffice.
5 cm Petri dish cover	LabM Limited	D011	Smaller or larger Petri dish covers can be used for an arena in movement assay.
Light box	custom made		Built from scrap material. Illumination is used for the locomotion assay. Depending on the room lighting, it is possible to perform the assay without the light box.