Materials List for:

Assaying Locomotor Activity to Study Circadian Rhythms and Sleep Parameters in *Drosophila*

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Materials

Name	Company	Catalog Number	Comments
Drosophila activity monitor (DAM)	Trikinetics Inc.; Waltham, MA	DAM2 or DAM5	DAM2 monitors are more compact, and more can fit into a single incubator
Power supply interface unit (for DAM system)	Trikinetics Inc.; Waltham, MA	PSIU9	Includes PS9-1 AC Power Supply
Light controller	Trikinetics Inc.; Waltham, MA	LC6	
Pyrex glass tubes	Trikinetics Inc.; Waltham, MA	PGT5, PGT7, and PGT10	
Plastic activity tube caps	Trikinetics Inc.; Waltham, MA	CAP5	Yarn can be used instead of plastic caps.
DAM System data collection software	Trikinetics Inc.; Waltham, MA		Versions available for both Mac and PC
FaasX software	Centre National de la Recherche Scientifique		Only for Mac
Insomniac 2.0 software	University of Pittsburgh School of Medicine		Runs on Matlab. Can be used on both PC and Macintosh.
Environmental incubator with temperature and diurnal control, e.g. Percival incubator	Percival Scientific, Inc.	I-30BLL	Interior space dimension:Width: 65cm;Height: 86cm;Depth: 55cm
Environmental incubator with temperature and diurnal control, e.g. DigiTherm Heating/Cooling Incubator with Circadian Timed Lighting and Timed Temperature	Tritech Research, Inc.	05DT2CIRC001	Interior space dimension:Width: 36m;Height: 56m;Depth: 28cm
APC Smart-UPS 2200VA 120V (Emergency power backup unit)	APC	SU2200NET	Output Power Capacity of 1600 Watts
Sucrose	Sigma-Aldrich	S7903	
Bacto Agar	BD Biosciences	214010	
TissuePrep Paraffin pellets	Fisher Scientific	T565	Melting point 56°C-57°C
Block heater	VWR international	12621-014	

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