

Materials List for:

Automated Measurements of Sleep and Locomotor Activity in Mexican Cavefish

James B Jaggard, Evan Lloyd, Arthur Lopatto, Erik R Duboue, Alex Keene
TODO, TODO

Correspondence to: Alex Keene at alexckeene@gmail.com

URL: <https://www.jove.com/video/59198>

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Materials

Name	Company	Catalog Number	Comments
12V power adaptor	Environmental Lights	24 Watt 12 VDC Power Supply	
Acrylic dividers (adults)	TAP Plastic		Order sheets in sizes as needed
Adult infrared light power source	Environmental Lights 24 Watt 12 VDC Power Supply		
Battery pack	CyberPower	CP850PFCLCD	
Camera lens (adult)	Navitar Zoom 7000	Zoom 7000	
Camera lens (larval)	Fujian 35mm f/1.7	B01CHX7668	Purchase on Amazon
Camera lens adapter	d	1524219	
Camera mount	CowboyStudio Super Clamp	B002LV7X1K	Purchase on Amazon
Fish tank	Deep Blue Professional	ADB11006	
Heat sink (adult)	M-D Building products	SKU: 61085	Cut to fit
Heat sink (larval)	M-D Building products	SKU: 57000	Cut to fit
Infrared lights (adults)	Environmental Lights Infrared 850 nm 5050 LED strip	irrf850-5050-60-reel	Cut to fit
Infrared lights (larval)	LED World	B00MO9H7H4	Purchase on Amazon
IR-diffusing acrylic	TAP Plastic		Order sheets in sizes as needed
Laptop/computer	N/A	N/A	Any laptop will work.
LED light	Chanzon 10 High Power Led Chip 3W White (6000K-6500K/600mA-700mA/DC 3V-3.4V/3 Watt)	B06XKTRSP7	Use with Chanzon 25pcs 1W 3W 5W LED Heat Sink (2 pin Black) Aluminum Base Plate Panel
light timer	Century 24 Hour Plug-in Mechanical Timer Grounded		
Plastic wall mount for IR	Everbilt Plastic pegboard	Model # 17961	
Power cable	BNTECHGO 22 Gauge Silicone Wire	B01K4RPE0Y	
Power source	Rapid LED	MOONLIGHT DRIVER (350MA)	
Tissue culture plates	Fisherbrand	12-well (FB012928) 24-well (FB012929)	
Tripod Ball head	Demon DB-44	B00TQ54CZO	Purchase on Amazon
USB Hardrive	Seagate 3TB backup	STDT3000100	
USB Webcam	Microsoft LifeCam	Q2F-00014	Purchase on Amazon
Wall mount for camera	LDR Industries 1/2" Steel pipe	307 12X36	Mounted on wall with Flange and 90 degree pipe elbow. Could also use a tripod to hold camera.