

Materials List for:

A Method for Growing Bio-memristors from Slime Mold

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URL: <https://www.jove.com/video/56076>

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Materials

Name	Company	Catalog Number	Comments
Conductive PLA filament 2.85mm	Functionalize	FE_1LB_2.85MM	Conductive 3D Printing Filament
HIPS Filament 3mm 1KG (black)	NuNus	104856	3D printing filament
Cleaning Filament, 3mm, 0.1 kg, Natural	3D Prima	3DPCLEAN300	3D cleaning filament
Lulzbot Taz 5	Lulzbot	TAZ 5	3D printer
Agar powder	Sigma-Aldrich	0504	Non-nutrient microbiological Agar powder
4mm ID x 6mm OD Clear PVC Tubing Pipe Hose 5 Metres	Amazon	B008NC4JUO	Roll of PVC tubing
Physarum polycephalum Plasmodium, Living, Plate	Carolina Biological Supply Company	156193	Plasmodium culture.
Oat Flakes	Carolina Biological Supply Company		Oak flakes to feed the Plasmoidum
Cura	Lulzbot	Cura LulzBot Edition	https://www.lulzbot.com/cura
230 Programmable Voltage Source	Keithley Instruments		Voltage source instrument.
617 Programmable Electrometer	Keithley Instruments		Electrometer to measure low currents.