

Materials List for:

Swimming Induced Paralysis to Assess Dopamine Signaling in *Caenorhabditis Elegans*

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Materials

Name	Company	Catalog Number	Comments
Aluminum foil	Reynolds wrap	1091835	
Amphetamine	Sigma	51-63-8	
Autoclave			
Bacterial Incubator	New Brunswick scientific	M1352-0000	
Bacteriological grade, Agar	Lab Scientific, Inc	A466	
Bacto (TM) Peptone	BD	REF 211677	
Calcium Chloride (dihydrate)	Sigma-Aldrich	C3881	
Camera	Thorlabs	U-CMAD3	
Centrifuge	Eppendorf 5810R 15amp	E215059	
Cholesterol	Sigma-Aldrich	57-88-5	
Deionised water	Millipore	Z00QSV0WW	Milli-Q
Depression glass spot plate	Corning	Corning, Inc. 722085	
Erlenmeyer flask	ThermoFisher	4103-0250PK	
Eye lash			
Glass slide	Fisherbrand	12-550-15	
Graphing and statistical software	Prism		Graphpad 5
HEPES	Sigma-Aldrich	RB=H3375 & H7006	
Hypochlorite	Hawkins	Sodium Hypochlorite 4-6%, USP" 1 gal	
LB Broth, Miller	Fisher	BP1426	
Magnesium Chloride (Hexahydrate)	Sigma-Aldrich	RB=M0250	500g
Magnesium sulfate (heptahydrate)	Sigma-Aldrich	M1880	
Magnetic stir bar	Fisherbrand	16-800-510	
Microcentrifuge tubes	ThermoFisher	69715	
NA 22 bacteria	CGC		
Nystatin	Sigma	1400-61-9	
Osmometer	Advanced Instruments, Inc	Model 3320	
Pasteur Pipettes	Fisherbrand	13-678-20A	
Petriplates	Falcon	351007	
pH Meter	Orion VersaStar Pro	IS-68X591202-B 0514	
Polystyrene conical tubes	Falcon	352095	

Potassium Chloride	Sigma-Aldrich	P9541	
Potassium dihydrogen phosphate	Sigma-Aldrich	7778-77-0	
Potassium Phosphate - DIBASIC	Sigma-Aldrich	P-8281	
Potassium Phosphate - MONOBASIC	Sigma-Aldrich	P0662	
Serological pipettes	VWR	10ml=89130-898	
Shaker	Reliable Scientific	55S 12x16	
Sodium Chloride	Fisher	RB=BP358-1	
Sodium dihydrogen Phosphate	Fisher	RB=S381	
Spreadsheet	MS office		Microsoft Excel
Stereo Microscope	Zeiss	Model tlb3. 1 stemi2000	
Sterile Pipette tips	Various	02-707-400	
Sucrose	Sigma-Aldrich	RB=S5016	
Superglue	Loctite	1647358 .14 oz.	
SwimR software	10.18129/B9.bioc.SwimR		
Tracker 2	Worm Tracker 2.0	www.mrc-lmb.cam.ac.uk/wormtracker/	
Video recording software	Virtualdub	http://www.virtualdub.org/	