

Materials List for:

A High-performance Liquid Chromatography Measurement of Kynurenine and Kynurenic Acid: Relating Biochemistry to Cognition and Sleep in Rats

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Materials

Name	Company	Catalog Number	Comments
Wistar rats	Charles River Laboratories		adult male, 250-350 g
L-kynurenine sulfate	Sai Advantium		
ReproSil-Pur C18 column (4 mm x 150 mm)	Dr. Maisch GmbH		
EZ Clips	Stoelting Co.	59022	
Mounting materials screws	PlasticsOne	00-96 X 1/16	
Nonabsorbable Sutures	MedRep Express	699B	CP Medical Monomid Black Nylon Sutures, 4-0, P-3, 18", BOX of 12
Absorbable Sutures	Ethicon	J310H	4-0 Coated Vicryl Violet 1X27" SH-1
Dental Cement	Stoelting Co.	51458	
Drill Bit	Stoelting Co.	514551	0.45 mm
Name	Company	Catalog Number	Comments
Alliance HPLC system			
E2695 separation module	Waters	176269503	
2475 fluorescence detector	Waters	186247500	
post-column reagent manager	Waters	725000556	
Lenovo computer	Waters	668000249	
Empower software	Waters	176706100	
Name	Company	Catalog Number	Comments
Passive avoidance box for rat			
Extra tall MDF sound attenuating cubicle	MedAssociates	ENV-018MD	Interior: 22" (W) x 22" (H) x 16" (D)
Center channel modulator shuttle box chamber	MedAssociates	ENV-010MC	
Stainless steel grid floor for rat	MedAssociates	ENV-010MB-GF	
Auto guillotine door	MedAssociates	ENV-010B-S	
Quick disconnect shuttle grid floor harness for rat	MedAssociates	ENV-010MB-QD	
Stimulus light, 1" white lens, mounted on modular panel	MedAssociates	ENV-221M	
Sonalert module with volume control for rat chamber	MedAssociates	ENV-223AM	
SmartCtrl 8 input/16 output package	MedAssociates	DIG-716P2	

8 Channel IR control for shuttle boxes	MedAssociates	ENV-253C	
Infrared source and detector array strips	MedAssociates	ENV-256	
Tabletop interface cabinet, 120 V 60 Hz	MedAssociates	SG-6080C	
Dual range constant current aversive stimulation module	MedAssociates	ENV-410B	
Solid state grid floor scrambler module	MedAssociates	ENV-412	
Dual A/B shock control module	MedAssociates	ENV-415	
2' 3-Pin mini-molex extension	MedAssociates	SG-216A-2	
10' Shock output cable, DB-9 M/F	MedAssociates	SG-219G-10	
Shuttle shock control cable 15', 6	MedAssociates	SG-219SA	
Small tabletop cabinet and power supply, 120 V 60 Hz	MedAssociates	SG-6080D	
PCI interface package	MedAssociates	DIG-700P2-R2	
Shuttle box avoidance utility package	MedAssociates	SOF-700RA-7	
Name	Company	Catalog Number	Comments
Sleep-Wake Monitoring Equipment			
Ponehmah software	Data Sciences International (DSI)	PNP-P3P-610	
MX2 8 Source Acquisition interface	Data Sciences International (DSI)	PNM-P3P-MX204	
Dell computer, Optiplex 7020, Windows 7, 64 bit	Data Sciences International (DSI)	271-0112-013	
Dell 19" computer monitor	Data Sciences International (DSI)	271-0113-001	
Receivers for plastic cages, 8x	Data Sciences International (DSI)	272-6001-001	
Cisco RV130 VPN router	Data Sciences International (DSI)	RV130	
Matrix 2.0	Data Sciences International (DSI)	271-0119-001	
Network switch	Data Sciences International (DSI)	SG200-08P	
Neuroscore software	Data Sciences International (DSI)	271-0171-CFG	
Two biopotential channels transmitter, model TL11M2-F40-EET	Data Sciences International (DSI)	270-0134-001	