

Materials List for:

Combined Shuttle-Box Training with Electrophysiological Cortex Recording and Stimulation as a Tool to Study Perception and Learning

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Materials

Name	Company	Catalog Number	Comments
Teflon-insulated stainless steel wire	California Fine Wire		diam. 50µm w/ isolation
Pin connector system	Molex Holding GmbH	510470200	1.25 mm pitch PicoBlade
TEM grid Quantifoil	Science Services	EQ225-N27	
Dental acrylic Paladur	Heraeus Kulzer	64707938	
Hand-held drill OmniDrill35	WPI	503599	
Ketamine 500mg/10ml	Ratiopharm GmbH	7538837	
Rompun 2%, 25ml	Bayer Vital GmbH	5066.0	
Sodium-Chloride 0.9%, 10ml	B.Braun AG	PRID00000772	
Lubricant KY-Jelly	Johnson & Johnson		
Shuttle-box E10-E15	Coulbourn Instruments	H10-11M-SC	
Stimulus generator MCS STG 2000	Multichannel Systems		
Plexon Headstage cable 32V-G20	Plexon Inc.	HSC/32v-G20	
Plexon Headstage 32V-G20	Plexon Inc.	HST/32v-G20	
PBX preamplifier 32 channels	Plexon Inc.	32PBX box	
Multichannel Acquisition System	Plexon Inc.	MAP 32/HLK2	
Cryostate CM3050 S	Leica Microsystems GmbH		
Signal processing Card Ni-Daq	National Instruments		
Lab Standard™ Stereotaxic Instruments	Stoelting Co.		
Audio attenuator g.pah	g.pah Guger technologies		
Cresyl violet acetate	Roth GmbH	7651.2	
Roticlear	Roth GmbH	A538.1	
Sodium acetate trihydrate	Roth GmbH	6779.1	
Potassium hexacyanoferrate(II) trihydrate	Roth GmbH	7974.2	
Di-sodium hydrogen phosphate dihydrate	Merck	1,065,801,000	
ICM Impedance Conditioning Module	FHC	55-70-0	
Animal Temperature Controller	World Precision Instruments	ATC2000	