

Materials List for:

Cochlear Implant Surgery and Electrically-evoked Auditory Brainstem Response Recordings in C57BL/6 Mice

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Materials

Name	Company	Catalog Number	Comments
Hardware			
Sound-proof booth	IAC Acoustics, Winchester, UK	Mac-2 Enclosure RF Shielded Box 2A	
MF1 Speaker	Tucker Davis Technologies (TDT), FL, USA		
PCB microphone	PCB Piezotronics, Inc, NY, USA	Model 378C01	
Low impedance headstage	TDT, FL, USA	RA4LI	
Medusa pre-amplifier	TDT, FL, USA	RA4PA	
RZ6 auditory processor	TDT, FL, USA		
Animal Stimulator Platform	ASP, Oticon Medical, Nice, France		
Multimeter	Fluks	#115	
Surgical equipment			
Closed-loop heating pad	FHC, Inc. ME, USA		
Eye ointment	Alcon, CH	Lacrinorm Augengel	
Acoustic foam	Otoform Ak, Dreve Otoplastik GmbH	#464	
Disposable subdermal needle electrodes	Horizon, Rochester Electro-Medical Inc.	S83018-R9, 27G	
Self-retaining retractor tool (Mini Colibri Retractor)	Fine Science Tools	#17000-01	
Suction wedges	Agthos, SE	#42-886-460	
Absorbable paper point (Medium)	WPI, FL, USA	#504182	
Intracochlear electrode array	Bionics Institute, Melbourne, Australia	4 channel	
Spongostan Standard	Ferrosan Medical Devices	#MS0002	
Tissue glue. Loctite 4161 Superbond	Henkel	Part No 19743	
Animal Stimulator Platform (ASP)	Oticon Medical, Nice, France		
Drugs/chemicals			
Ketamine (Narketan)	Provet AG, CH	100mg/mL, #VQ_320265	
Xylazine (Rompun)	Provet AG, CH	Inj Diss 2%, # 1315	
Bupivacaine	Compendium, CH	Bupivacain Sintetica inj Diss 0.5%	
Atropine (Atropinesulfat Amino)	Amino AG, CH	1 mg/ml	
Betadine (Povidone/iodine)	Provedic, CH		

Neomycin (Neomycin trisulfate salt)	Sigma	N1876-25G, Lot#WXBB7516V	
Software			
BioSigRZ	TDT, FL, USA		
Matlab	MathWorks, MA, USA		
ASP software	Oticon Medical, Nice, France		