

Materials List for:

The Pilocarpine Model of Temporal Lobe Epilepsy and EEG Monitoring Using Radiotelemetry System in Mice

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Materials

Name	Company	Catalog Number	Comments
C57BL/6	Envigo	C57BL/6NHsd	
Scopolamine methyl nitrate	Sigma	S2250	Make 10X stock
Terbutaline hemisulfate salt	Sigma	T2528	Make 10X stock
Pilocarpine hydrochloride	Sigma	P6503	
Ketamine hydrochloride	Yuhan corporation		
Xylazine hydrochloride	Bayer Korea		
Diazepam	SAMJIN		
Castor oil (Kolliphor EL)	Sigma	C5135	Polyoxyl 35 hydrogenated castor oil
Saline	Daihan pharm. Co.		
5% Dextrose	Daihan pharm. Co.		
Iodine solution (Povidin)	Firson		
vet ointment (Terramycin)	Pfizer		
Blue Nylon	AILEE	NB617	
Mupirocin (Bearoban)	Daewoong Pharmaceutical Co., Ltd		
Ketoprofen	Samchundang Pharm. Co., Ltd		5 mg/kg
Gentamicin	Huons, Ltd.		5 mg/kg
1 mL syringe	Sung shim medial Co., Ltd.		
26 guage needle	Sung shim medial Co., Ltd.		26 G * 13 mm (1/2")
30 guage needle	Sung shim medial Co., Ltd.		30 G * 13 mm (1/2")
Razor blade	Dorco		
Drill	Saeshin precision Co., Ltd.		207A, 35K (speed)
Telemetry video/EEG system	Data sciences International. Inc.	Version 5.20-SP6	
Implantable transmitter	Data sciences International. Inc.	ETA-F10	
Screw	Sungho Steel		M1.4, 2 mm length stainless steel
Vertex dental material	Dentimex		
Acetone	Duksan pure chemicals Co., Ltd.		CAS 67-64-1
Paraformaldehyde (PFA)	millipore	1.04005.1000	4 %
Sucrose	Sigma	S9378	30 % solution in 0.01 M PBS
Cresyl violet acetate	Sigma	C5042	
Ethanol	EMD Millipore Co.	UN1170	
xylene	Duksan pure chemicals Co., Ltd.	UN1307	
Acetic acid glacial	Junsei chemical	31010-0350	
FSC33 Clear	Leica biosystems		OCT compound for tissue freezing

DPX Mounting for histology	Sigma	6522	
Forceps	Fine science tools	11002-12	
Scissors	Solco biomedical	02-2445	
Stereotaxic frame	David Kopf Instruments	E51070012	