

Materials List for:

Chronic Imaging of Mouse Visual Cortex Using a Thinned-skull Preparation

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Materials

Name	Type	Company	Catalog Number	Comments
Fentanyl Citrate		In House		Fentanyl Cocktail: Anesthetic Cocktail; IP Dose: 0.0125 ml/g Final cocktail conc.: 0.05 mg/kg
Medetomidine Hydrochloride		In House		Fentanyl Cocktail: Anesthetic Cocktail; IP Dose: 0.0125 ml/g Final cocktail conc.: 0.05 mg/kg
Midazolam HCL		In House		Fentanyl Cocktail: Anesthetic Cocktail; IP Dose: 0.0125 ml/g Final cocktail conc.: 0.05 mg/kg
2,2,2-tribrom-ethanol				Avertin Cocktail: Anesthetic; IP Dose: 0.0075 cc/ g Final cocktail conc.: 1%
2-methyl-2-butanol (Final concentration: 0.775%)				Avertin Cocktail: Anesthetic; IP Dose: 0.0075 cc/ g Final cocktail conc.: .775%
TC-1000 Temp. Control System for Mice		CWE, Inc.	TC-1000 Mouse	Body Temp. Regulation
Toberadex		In House		Eye Ointment
10% Ferric Chloride		Ricca Chemical Company	3120-32	Thin-skull preparation
Microsurgical Blade		Sable Industries	S-6400	Thin-skull preparation
Cyanoacrylate 404,401		Loctite	P/N 46551	Thin-skull preparation
Cyanoacrylate 401		Loctite	P/N 40140	Thin-skull preparation
Zip Kicker Glue Accelerator		Pacer Technology	PT-29	Thin-skull preparation
Micro Drill Steel Burrs 0.7mm tip diameter		Fine Science Tools	19008-07	Thin-skull preparation
Microtorque Control Box and Tech2000 Handpiece		Ram Products, Inc.	TECH2000ON/OFF	Thin-skull preparation
#6-0 (0.7 metric) silk suture		Ethicon Inc.	K8894H	Taper C-1
Eye Dressing Forceps, 10cm, tip width 0.5mm, curved	Surgical Tools	Fine Science Tools	11152-10	
Extra Fine Bonn Scissors, 8.5cm, straight tip, cutting edge 13mm	Surgical Tools	Fine Science Tools	14084-08	
Standard Pattern Forceps, straight, 2.5mmx1.35mm tip, 12cm	Surgical Tools	Fine Science Tools	11000-12	