

Materials List for:

Automated Gait Analysis in Mice with Chronic Constriction Injury

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Materials

Name	Company	Catalog Number	Comments
0.9% Saline	JW Pharmaceutical	N/A	Vehicle for drugs
1ml syringe	BD Plastipak	300013	Injecting device
2, 2, 2-tribromoethanol (97% purity)	Sigma	T48402	Anesthetic
2-methyl-2-buthanol (99% purity)	Sigma	152463	Solvent for 2, 2, 2-tribromoethanol
Catwalk Automated gait analysis system	Noldus	N/A	Automatic analysis software of aniaml gait
Chromic catgut (4-0 thickness)	AILEE	C442	Ligature to make chronic constriction injury on the sciatic nerve
Gabapentin	Sigma	Y0001280	Analgeisc, Used as a positive control drug in this study
Graefe Forceps	F.S.T	11051-10	Surgical instrument
Heating Pad	DAESHIN ELECTRONICS	M-303AT	Regulation of body temperature
ICR Mouse	Samtaco	N/A	Experimental animal
Mersilk (3-0 thickness)	ETHICON	W598H	Suture material for surgical closure of skin
Micro-Mosquito	F.S.T	13010-12	Surgical instrument
Micro-scissors	F.S.T	14090-09	Surgical instrument
Needle holder	F.S.T	12002-12	Surgical instrument
Povidone Iodine	Firson	N/A	Disinfectant to prevent infection after surgery
Scalpel blade	F.S.T	10010-00 (#10)	Surgical instrument to make an incision
Scalpel handle	F.S.T	10003-12 (#3)	Surgical instrument to make an incision
Von-Frey filaments	North Coast	NC12775-99	Measurement device to test sensory function for mechanical stimulation