

Materials List for:

Dorsal Root Ganglion Injection and Dorsal Root Crush Injury as a Model for Sensory Axon Regeneration

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Materials

Name	Company	Catalog Number	Comments
Fast Green FCF dye	Sigma-Aldrich	F7258	For visualizing colorless solution. Recommended concentration: 1%
Cholera Toxin B subunit	List Biological Laboratories	104	For anterograde axonal tracing. Recommended concentration: 1%
IsoFlo	Zoetis	115095	Inhalation anesthetic (active ingredient: isoflurane)
Baytril 2.5% injectable	Bayer	05032756093017	Antibiotic (active ingredient: enrofloxacin). Manufacturer's recommended dosage: 10 mg/kg
Carprieve 5.0% w/v	Norbrook	02000/4229	Analgesic (active ingredient: carprofen). Manufacturer's recommended dosage: 4 mg/kg
Lacri-Lube	Allergan	PL 00426/0041	Eye ointment
Olsen-Hegar Needle Holder	Fine Science Tools	FST 12502-12	
Friedman Pearson Rongeur Curved 0.7 mm Cup	Fine Science Tools	FST 16121-14	
Bonn Micro Forceps	Fine Science Tools	FST 11083-07	For performing dorsal root crush injury
Tissue Separating Scissors	Fine Science Tools	FST 14072-10	
Fine Scissors	Fine Science Tools	FST 14058-11	
Micro-Adson Forceps	Fine Science Tools	FST 11018-12	
Goldstein Retractor	Fine Science Tools	FST 17003-03	
Vannas Spring Scissors (straight)	Fine Science Tools	FST 15018-10	
SURGIFOAM Absorbable Gelatin Sponge	Ethicon	1972	For bleeding control
Microliter Syringe RN701 (10 µL)	Hamilton	80330	
Custom-made Removable Needle (for DRG injection)	Hamilton	7803-05	33 gauge, 38 mm, point style 3
Custom-made Removable Needle (for CTB injection)	Hamilton	7803-05	33 gauge, 10 mm, point style 3
UltraMicroPump with SYS-Micro4 Controller	World Precision Instruments	UMP3-1	