

Materials List for

# Partial Sciatic Nerve Ligation: A Mouse Model of Chronic Neuropathic Pain to Study the Antinociceptive Effect of Novel Therapies

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jove.com/video/64555

## Materials

Name	Company	Catalog Number	Comments
5/0, FS-2, 30" Undyed PGA Braided Polyglycolic Acid Synthetic Absorbable Suture	CP Medical	421A	<a href="https://cpmedical.com/suturesearch/product/421a-visorb-50-fs-2-30/">https://cpmedical.com/suturesearch/product/421a-visorb-50-fs-2-30/</a>
6/0, P-1, 18" Blue Polypropylene Monofilament Non-Absorbable Suture	CP Medical	8697P	<a href="https://cpmedical.com/suturesearch/product/8697p-polypro-60-p-1-18/">https://cpmedical.com/suturesearch/product/8697p-polypro-60-p-1-18/</a>
9/0 (0.3 metric) Nylon Black Monofilament Suture	Crestpoint Ophthalmics	MANI 1407	<a href="https://crestpointophthalmics.com/mani-1407-suture-trape-spatula-nylon-black-mono-box-of-12.html">https://crestpointophthalmics.com/mani-1407-suture-trape-spatula-nylon-black-mono-box-of-12.html</a>
Allodynia Software	National Instruments, LabView 2015		Quantification of mean withdrawal thresholds (Von Frey data)
C57Bl6/J mice	The Jackson Laboratory, Bar Harbor, ME	000664	<a href="https://www.jax.org/strain/000664">https://www.jax.org/strain/000664</a>
Castroviejo needle holder	Fine Science Tools	12565-14	<a href="https://www.finescience.com/en-US/Products/Wound-Closure/Needle-Holders/Castroviejo-Needle-Holder/12565-14">https://www.finescience.com/en-US/Products/Wound-Closure/Needle-Holders/Castroviejo-Needle-Holder/12565-14</a>
Cold Hot Plate Test	Bioseb	BIO-CHP	<a href="https://www.bioseb.com/en/pain-thermal-allodynia-hyperalgesia/563-cold-hot-plate-test.html">https://www.bioseb.com/en/pain-thermal-allodynia-hyperalgesia/563-cold-hot-plate-test.html</a>
Elevated metal mesh stand for Von Frey	Bioseb	BIO-STD2-EVF	<a href="https://www.bioseb.com/en/pain-mechanical-allodynia-hyperalgesia/1689-elevated-metal-mesh-stand-30-cm-height-to-fit-up-to-2-pvf-cages.html">https://www.bioseb.com/en/pain-mechanical-allodynia-hyperalgesia/1689-elevated-metal-mesh-stand-30-cm-height-to-fit-up-to-2-pvf-cages.html</a>
Extra fine Graefe forceps	Fine Science Tools	11152-10	<a href="https://www.fishersci.com/shop/products/fisherbrand-curved-">https://www.fishersci.com/shop/products/fisherbrand-curved-</a>

			medium-point-general-purpose-forceps/16100110
Fine Castroviejo needle holder	Simovision/Geuder	17565	<a href="https://simovision.com/assets/Uploads/Brochure-Geuder-Ophthalmic-Surgical-Instruments-EN2.pdf">https://simovision.com/assets/Uploads/Brochure-Geuder-Ophthalmic-Surgical-Instruments-EN2.pdf</a>
Fine scissors (11.5 cm)	Fine Science Tools	14558-11	<a href="https://www.finescience.com/en-US/Products/Scissors/Standard-Scissors/Fine-Scissors-Tungsten-Carbide-ToughCut%C2%AE/14558-11">https://www.finescience.com/en-US/Products/Scissors/Standard-Scissors/Fine-Scissors-Tungsten-Carbide-ToughCut%C2%AE/14558-11</a>
Fine scissors (9 cm)	Fine Science Tools	14558-09	<a href="https://www.finescience.com/en-US/Products/Scissors/Standard-Scissors/Fine-Scissors-Tungsten-Carbide-ToughCut%C2%AE/14558-09">https://www.finescience.com/en-US/Products/Scissors/Standard-Scissors/Fine-Scissors-Tungsten-Carbide-ToughCut%C2%AE/14558-09</a>
Iris forceps	Fine Science Tools	11064-07	<a href="https://www.finescience.com/en-US/Products/Forceps-Hemostats/Fine-Forceps/Iris-Forceps/11064-07">https://www.finescience.com/en-US/Products/Forceps-Hemostats/Fine-Forceps/Iris-Forceps/11064-07</a>
Micro Adson forceps	Fine Science Tools	392487	<a href="https://www.fishersci.com/shop/products/micro-adson-tissue-forceps-1x2-teeth-german-steel/13820072#?keyword=adson%20forceps">https://www.fishersci.com/shop/products/micro-adson-tissue-forceps-1x2-teeth-german-steel/13820072#?keyword=adson%20forceps</a>
Modular holder cages for rats and mice	Bioseb	BIO-PVF	<a href="https://www.bioseb.com/en/pain-mechanical-allodynia-hyperalgesia/1206-modular-holder-cages-for-rats-and-mice.html">https://www.bioseb.com/en/pain-mechanical-allodynia-hyperalgesia/1206-modular-holder-cages-for-rats-and-mice.html</a>
Moretti/Effetre #240 Light Cobalt Blue glass rods 4 mm	Ebay	N/A	<a href="https://www.ebay.com/itm/402389491328?hash=item5db0485e80:g:agYAAOSw9CtfnlVJ&amp;amdata=enc%3AAQAHAHAwCoqvgWRoNTe5Vq8PWOgfE4ygWeW4tLk81J1AFu%2Fkcbstk6pxYtJi6digE5TL9SzlzMzYUMNDR%2Bdku2%2B%2FEvB1qXqFmebE020SGs9LPDXLL5w21un7jrM09xfWYvIzBYQYh6FRWYUJngCuuA9Bkjb9lxtZoYlg5y6PyFR2P34xFk5xaNC5ib65M1%2Fr%2F4w2lw45QqsSyXH2cuUKRom0AGBoBalr%2BbJw1VnlMjGuc9dtx4fbPbqoBNSWjj3RbZPOPTYs8Q%3D%3D%7Ctkp%3ABk9SR4q6-6LFYA">https://www.ebay.com/itm/402389491328?hash=item5db0485e80:g:agYAAOSw9CtfnlVJ&amp;amdata=enc%3AAQAHAHAwCoqvgWRoNTe5Vq8PWOgfE4ygWeW4tLk81J1AFu%2Fkcbstk6pxYtJi6digE5TL9SzlzMzYUMNDR%2Bdku2%2B%2FEvB1qXqFmebE020SGs9LPDXLL5w21un7jrM09xfWYvIzBYQYh6FRWYUJngCuuA9Bkjb9lxtZoYlg5y6PyFR2P34xFk5xaNC5ib65M1%2Fr%2F4w2lw45QqsSyXH2cuUKRom0AGBoBalr%2BbJw1VnlMjGuc9dtx4fbPbqoBNSWjj3RbZPOPTYs8Q%3D%3D%7Ctkp%3ABk9SR4q6-6LFYA</a>
Plantar Test for Thermal Stimulation - Hargreaves Apparatus	Ugo Basile	37570	<a href="https://ugobasile.com/products/categories/pain-and-inflammation/plantar-test-for-thermal-stimulation">https://ugobasile.com/products/categories/pain-and-inflammation/plantar-test-for-thermal-stimulation</a>
Touch-Test Sensory Evaluators, Set of 20 Monofilaments	North Coast Medical	NC12775-99	<a href="https://www.ncmedical.com/products/touch-test-sensory-evaluators_1278.html">https://www.ncmedical.com/products/touch-test-sensory-evaluators_1278.html</a>
Tying forceps	Duckworth & Kent	2-504ER8	<a href="https://duckworth-and-kent.com/product/tying-forceps-9/">https://duckworth-and-kent.com/product/tying-forceps-9/</a>