

Materials List for:

# A Battery of Motor Tests in a Neonatal Mouse Model of Cerebral Palsy

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## Materials

Name	Company	Catalog Number	Comments
C57BL/6 mice	Charles River Laboratories	STRAIN CODE: 027	C57BL/6NcrI is the exact strain we use
Anesthesia Dish, PYREX™ Crystallizing Dish	Corning Life Sciences Glass	3140125	Capacity: 25.03 oz. (740ml); Dia. x H: 4.92 x 2.55 in. (125 x 65mm). However, any small round glass container will work. A 2 cup capacity pyrex food storage bowl with flat bottom will also work and is much cheaper (Pyrex model number: 6017399).
Covered lead ring	Fisher Scientific	S90139C	Lead ring for stabilizing flasks in a water bath. It is used inside the anesthesia dish.
Scalpel Blade #11	World Precision Instruments, Inc.	500240	
Small Vessel Cauterizer	Fine Science Tools	18000-00	
Micro Hook	Fine Science Tools	10064-14	
Vetbond Suture Glue	3M	1469SB	n-butyl cyanoacrylate adhesive
Lipopolysaccharide	Sigma Life Science	L4391	Lipopolysaccharide from E.coli 0111:B4, gamma irradiated
12 x 12 inch opaque box	Acrylic Display Manufacturing: A division of Piasa Plastics	C4022	Colored Acrylic 5-Sided Cube, 3/16" Colored Acrylic, 12"W x 12"D x 12"H; <a href="http://www.acrylicdisplaymfg.com/html/cubes_19.html">http://www.acrylicdisplaymfg.com/html/cubes_19.html</a>
Camera/camcorder	JVC	GC-PX100BUS	Any camcorder that works well in low light and can be imported and edited. We use the JVC GC-PX100 Full HD Everio Camcorder.
Covidien Tendersorb™ Underpads	Kendall Healthcare Products Co	7174	
WypAll L40	Kimberly-Clark Professional	5600	Any surface with moderate grip will do
Surface at 45 degree incline			We use a cardboard box.
Thin wire from a pipe cleaner	Creatology	M10314420	Any pipe cleaner from any craft store will work.
50mL conical tube	Falcon	352070	
Fiberglass Screen Wire	New York Wire <a href="http://www.lowes.com">www.lowes.com</a>	14436	Any supplier can be used as long as their screen is 16 x 16 or 18 x 16
Razor blade	Fisherbrand	12-640	A wooden stick applicator or wooden part of a cotton-tipped swab will also work.

<p>OPTIX 24-in x 4-ft x 0.22-in Clear Acrylic Sheet to make Clear Acrylic Walkway</p>	<p>PLASKOLITE INC</p>	<p>1AG2196A</p>	<p>Clear acrylic (1/8" thick) with sides and a top to limit exploration. We bought a sheet of acrylic from a local hardware store and had them cut it to size. (2) 2" x 2"; (3) 2" x 18"; (1) 2" x 15.5"; (1) 2" x 3". Using clear tape, tape all sides together, with the 15.5" piece on top. Tape the 3" piece to the end of the 15.5" piece to create a flap/entryway for the mice. Alternatively, part or all of the walkway can be glued together, and only taping on the top pieces. This design will allow for the walkway to be opened for easy cleaning.</p>
<p>Protractor</p>	<p>Westscott</p>	<p>ACM14371</p>	