

Materials List for:

Application of Chronic Stimulation to Study Contractile Activity-induced Rat Skeletal Muscle Phenotypic Adaptations

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Materials

Name	Company	Catalog Number	Comments
Sprague Dawley Rat	Charles River	Strain 400	
Chronic contractile activity unit	Home-made	n/a	
CCA unit protective box (3.5 x 3.5 x 2.5 cm)	Home-made	n/a	Box should be made of opaque material or covered in an opaque tape
Coin lithium ion batteries (3V)	Panasonic	CR2016	
Medwire	Leico Industries	316SS7/44T	
Solder pin (socket)	Digi-Key	ED6218-ND	
Zonas porous tape	Johnson & Johnson	5104	
Suture silk (Size 5)	Ethicon	640G	
Suture silk (Size 6)	Ethicon	706G	
Curved blunt scissor (11.5 cm Length)	F.S.T.	14075-11	
Curved blunt scissor (15 cm Length)	F.S.T.	14111-15	
Delicate haemostatic forceps (16 cm Length)	Lawton	06-0230	
Scalpel	Feather	3	
Curved forceps	F.S.T.	11052-10	
Stainless-steel rod (30 cm; 7mm diameter)	Home-made	n/a	Rod should have 5 mm slit in one end to hold the wire for tunneling under the skin
Clip applying forceps	KLS Martin	20-916-12	
Staples (clips)	Bbraun	BN507R	
Metal hooks/retractor	Home-made	n/a	
Povidone-iodine (500 mL)	Rougier	#NPN00172944	
Ampicillin sodium	Novopharm	#DIN00872644	
Metacam	Boehringer	#DIN02240463	
Digital multimeter (voltmeter)	Soar Corporation	ME-501	
LED digital stroboscope	Lutron Electronic Enterprise	DT-2269	