

Materials List for:

In Vivo Electrophysiological Measurement of the Rat Ulnar Nerve with Axonal Excitability Testing

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Materials

Name	Company	Catalog Number	Comments
QTracS Program	Digitimer Ltd.		Axonal excitability program
AM-Systems 2200, Analog Stimulus Isolator, 2200V/50Hz	SDR Scientific	850005	Stimulator
High Performance AC Amplifier Model LP511	Grass Technologies		Amplifier
Humbug 50/60Hz Noise eliminator	Quest Scientific Instruments	726310	Noise eliminator
Low Impedance Platinum Monopolar Subdermal Needle Electrodes	Grass Technologies	F-E2-24	Recording electrodes, 10 mm length, 30 gauge
Low Impedance Platinum Electroencephalography Needle Electrodes	Cephalon	9013L0702	Stimulating electrodes, 10 mm length, 30 gauge
Multifunction I/O Device Model USB-6341	National Instruments		Multifunction input/output device
Iron Base Plate IP	Narishige Scientific Instrument Laboratory		Used for holding stimulating needle electrode in place
Rotating X-block X-4	Narishige Scientific Instrument Laboratory		Used for holding stimulating needle electrode in place
Magnetic Stand GJ-8	Narishige Scientific Instrument Laboratory		Used for holding stimulating needle electrode in place
Micromanipulator M-3333	Narishige Scientific Instrument Laboratory		Used for holding stimulating needle electrode in place