

Materials List for:

Physiological, Morphological and Neurochemical Characterization of Neurons Modulated by Movement

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Materials

| Name | Company | Catalog Number | Comments |
|-----------------------------------|-------------------------------------|--------------------------|--|
| electromagnetic vibrator | Ling Dynamic Systems | V101 | |
| signal generator | Feedback Systems | PFG605 | capable of producing trapezoidal output signal |
| electrode glass | Sutter Instrument Co. | AF100-68-10 | with filament |
| electrode puller | Sutter Instrument Co. | Model P-2000 or P-80 | |
| biotinamide | Vector Laboratories | SP-1120 | stored at 4°C |
| Texas Red avidin DCS | Vector Laboratories | A-2016 | |
| tetramethylrhodamine | Molecular Probes, Life Technologies | D-3308 | 3000 molecular weight, lysine fixable |
| mouse anti-synaptophysin antibody | Chemicon International | MAB5258 | |
| fluorescent Nissl stain | Neurotrace, Life Technologies | N-21480 | |
| electrode tester | Winston Electronics | BL-1000-B | to measure electrode impedance |
| electrometer | Axon Instruments | Axoprobe 1A, Axoclamp 2B | |