

Materials List for:

Mutagenesis and Functional Analysis of Ion Channels Heterologously Expressed in Mammalian Cells

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Materials

Name	Company	Catalog Number	Comments
Chemicals	Sigma	Varies	
Mini Prep Kit	Qiagen	27104	
Radiacwash	Biodex	005-100	
Poly-D-lysine hydrobromide	BD Biosciences	CB40210	Poly-L-lysine can also be used
Maxi Prep Kit	Qiagen	12263	
QuickChange XL II Site Directed Mutagenesis Kit	Stratagene	200512-5	
Lipofectamine 2000	Invitrogen	11668-027	
Cover slips ^... 12 mm	Warner Instruments	CS-12R	
Capillary Glass Tubing Borosilicate-standard wall	Warner Instruments	G150-3	
Inverted fluorescence microscope	 Leica	DMI3000 B	
Electrophysiology	Nikon/ Leica/ Zeiss	Any inverted DIC (Hoffmann) microscope with fluorescence	
Amplifier	Molecular Devices	Axon Axopatch 200B amplifier	
Perfusion system	Warner Instruments	VC-6 Perfusion MM-6	
Digitizer	Molecular Devices	Digidata 1320 digitizer	
Manipulators	Sutter Instruments	Manipulator: MP-85	
Electrode Puller	Narishige	PC10 vertical electrode puller	
Isolation Table	Technical Manufacturing Corporation	Air table	