

Materials List for:

Yeast Luminometric and *Xenopus* Oocyte Electrophysiological Examinations of the Molecular Mechanosensitivity of TRPV4

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Materials

Name	Company	Catalog Number	Comments
Vapor Pressure Osmometer	Wescor	Wescor 5500	Logan, UT, USA
Sirius Single Tube Luminometer	Titertek-Berhold	Sirius	Huntsville, LA, USA
Microplate luminometer	Titertek-Berthold	Mithras LB940	Huntsville, LA, USA
Luminometry software	Titertek-Berthold	MikroWin2000	Huntsville, LA, USA
Patch clamp and software	Axon Instrument	HS2A headstage, VG-2Ax100 virtual grounded bath clamp, GeneClamp 500 amplifier, digidata 1440 digitizer, pClamp10 software	Union City, CA, USA
Manometer	Bio-Tec		Winooski, VT, USA
Pipette puller	Sutter Instrument Co	Model P-97	Novata, CA, USA
Microinjector	Drummond Scientific	Nanoinject II	Broomall, PA, USA
Luciferin coelenterazine	Invitrogen		Carlsbad, CA, USA
T7 RNA polymerase reaction	Ambion	mMessage mMachine	Austin, TX, USA
Gentamicin	Sigma		
Ruthenium red	Sigma		
Micropipettes	Drummond	100 microliter micropipets	Broomall, PA, USA
High-fidelity PfuUltra polymerase	Stratagene		La Jolla, CA, USA