

Materials List for

Measuring Membrane Lipid Turnover with the pH-sensitive Fluorescent Lipid Analog ND6

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jove.com/video/62717

Materials

Name	Company	Catalog Number	Comments
Digidata 1440A Data Acquisition System	Molecular Devices	Digidata 1440A	For synchronized stimulation and solution exchange
Dual Channel Temperature Controller	Warner Instruments	TC-344B	For live-cell imaging
Fetal Bovine Serum	OMEGA Scientific	FB-01	For making H+20 solution used in dissection and tissue culture
Hamamatsu Flash4.0 sCOMS camera	Hamamatsu Inc.	C13440-20CU	high-sensitivity camera
Hank's Balanced Salt Solution	Sigma	H6648	For making H+20 solution used in dissection and tissue culture
Heated Platform	Warner Instruments	PH-1	For live-cell imaging
Matrigel	BD Biosciences	354234	For tissue culture
Micro-G Vibration Isolation Table	TMC	63-564	For live-cell imaging
Micro-manager	https://micro-manager.org/	NA	For image acquisition control
Multi-Line In-Line Solution Heater	Warner Instruments	SHM-6	For live-cell imaging
Neurobasal Plus Medium	ThermoFisher Scientific	A3582901	For tissue culture
Nikon Ti-E Inverted Microscope	Nikon	Ti-E/B	For live-cell imaging
ORCA-Flash4.0 Digital CMOS camera	Hamamatsu	C1340-20CU	For live-cell imaging
Perfusion Chamber	Warner Instruments	RC-26G	For live-cell imaging
Six-Channel Valve Control Perfusion System	Warner Instruments	VC-6	For solution exchange
Square Pulse Stimulator	Grass Instrument	SD9	For electric field stimulation