

Materials List for:

A High-content Assay for Monitoring AMPA Receptor Trafficking

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Materials

Name	Company	Catalog Number	Comments
Mouse monoclonal (RH95) anti-GluA1 N-terminal	EMD Millipore	Cat#MAB2263MI, RRID: AB_11212678, LOT#2869732	
Mouse monoclonal (6C4) anti-GluA2	ThermoFisher Scientific	Cat#32-0300, RRID: AB_2533058, LOT#TE268315	
IRDye 680RD Goat anti-Mouse IgG (H+L)	Li-COR Biosciences	Cat# 926-68070, RRID: AB_10956588, LOT#C60107-03	
IRDye 800CW Donkey anti-Mouse IgG (H+L)	Li-COR Biosciences	Cat# 926-32212, RRID: AB_621847, LOT#C60524-15	
(RS)-3,5-DHPG	Tocris Bio-Techne	Cat#0342	
Tetrodotoxin Citrate (TTX)	Tocris Bio-Techne	Cat#1069	
Poly-D-Lysine Hydrobromide (PDL)	Sigma-Aldrich	Cat#P7280-5X5MG	
Saponin	ACROS Organics	Cat# 419231000	
B-27 Supplement (50 X), Serum Free	Gibco	Cat#17504044	
Glutamax Supplement	Gibco	Cat#35050061	
5-Fluoro-2'-deoxyuridine (FUdR)	Sigma-Aldrich	Cat#F0503	
Gentamycin (10 mg/ml)	Gibco	Cat#15710064	
Paraformaldehyde, EM Grade, Purified	Electron Microscopy Sciences	Cat#19210	
Sucrose (EP/BP/NF)	FisherScientific	Cat#S2500GM	
Odyssey Blocking Buffer (TBS)	Li-COR	Cat#927-50003	Referred to as "Blocking Buffer" in the protocol
Cell Culture Grade Water	HyClone	Cat#SH30529.02	
DPBS, no calcium, no magnesium	Gibco	Cat#14190250	
Neurobasal Medium, minus phenol red	Gibco	Cat#12348017	Referred to as "neuronal Media" in the protocol
28 mm Diameter Syringe Filters, 0.2 µm Pore SFCA Membrane, Sterile	Corning	Cat#431219	
96-well Black/Clear and White/ Clear Bottom Polystyrene Microplates	Corning	Cat#3603	
ImageJ	NIH	https://imagej.nih.gov/ij/ ; RRID: SCR_003070	
Fiji (Fiji is Just ImageJ)	NIH	http://fiji.sc/ ; RRID: SCR_002285	
Odyssey CLx imaging system	Li-COR Biosciences		