

Materials List for:

Lateral Diffusion and Exocytosis of Membrane Proteins in Cultured Neurons Assessed using Fluorescence Recovery and Fluorescence-loss Photobleaching

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Materials

Name	Company	Catalog Number	Comments
24mm glass coverslips	VWR international	631-0161	
Poly-L-lysine	Sigma-Aldrich	P2636	1mg/ml in borate buffer to coat coverslips
Neurobasal Medium	Invitrogen	21103	
B27	Invitrogen	17504-044	2% in neuronal plating and feeding medium
Penicillin Streptomycin	Sigma-Aldrich	P0781	1% in neuronal plating and feeding medium
L-Glutamine	Invitrogen	25030	2mM / 0.8mM in plating/feeding medium
Horse Serum	Biosera	DH-291H	10% in neuronal plating media only
pSIN ReP5 cloning vector	Invitrogen	K75001	For Sindbis virus production
LSM510 META confocal system	Carl Zeiss, Inc.		
Image J Software	National Institutes of Health		open access software. All plugins described herein are available at http://rsbweb.nih.gov/ij/plugins/