

Materials List for:

Analysis of Dendritic Spine Morphology in Cultured CNS Neurons

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URL: <https://www.jove.com/video/2794>

DOI: [doi:10.3791/2794](https://doi.org/10.3791/2794)

Materials

Name	Company	Catalog Number	Comments
18 mm round Cover glass No. 1.5	Warner Instruments	64-0714 (CS-18R15)	
22 mm square Cover glass No. 1.5	Warner Instruments	64-0721 (CS-22S15)	
Poly-D-Lysine	Sigma-Aldrich	P-0899	MW 70~150 Kda
Neurobasal Media	Invitrogen	21103049	
B27	Invitrogen	17504044	
Glutamine	Invitrogen	21051024	
Penicillin-Streptomycin	Invitrogen	15140148	
D,L-APV (AP-5)	Ascent Scientific	Asc-004	
Lipofectamine 2000	Invitrogen	11668019	
DMEM	Invitrogen	11965092	
HEPES	Mediatech, Inc.	25-060-C 1	1M, pH 7
Formaldehyde Solution	EMD Millipore	FX0415-5	36%, Histology grade
Normal Goats Serum	VWR international	100188-514	Jackson Immunoresearch Labs
Triton X-100	Fisher Scientific	AC21568-2500	Acros Organics
Alexa Fluor 488 goat anti-mouse IgG (H+L) highly cross-adsorbed	Invitrogen	A-11029	
Alexa Fluor 488 goat anti-rabbit IgG (H+L) *highly cross-adsorbed*	Invitrogen	A-11034	
ProLong Gold antifade reagent	Invitrogen	P36934	Special Packaging
Enclosed imaging stage chamber	Warner Instruments	RC-30HV	
Temperature controller unit	Warner Instruments	TC-344B	
MetaMorph	Universal Imaging		