

Materials List for:

An Optical Assay for Synaptic Vesicle Recycling in Cultured Neurons Overexpressing Presynaptic Proteins

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Materials

Name	Company	Catalog Number	Comments
B27	Gibco	17504-044	
BSA	Sigma	A7030-50g	
CaCl ₂	Sigma-Aldrich	C3306-100g	
CoolSNAP HQ2	Photometrics		
dH ₂ O	Invitrogen	15230	
DABCO	Merck	8.03456.0100	
donkey anti mouse Alexa 647	Jackson-ImmunoResearch	715605151	antibody
DMEM	Invitrogen	41966	
DPBS	Gibco	14190	
Eppendorf tubes	Eppendorf	30120094	
multiwell 24 well	Fisher Scientific	087721H	
tube (50 mL)	Greiner Bio-One	227261	
FBS superior	BiochromAG	S0615	
Glucose	Merck	1,083,421,000	
HBSS	Invitrogen	14170	
HEPES	Sigma	H4034-500g	
Hera Cell 150 (Inkubator)	ThermoElectron Corporation		
KCL	Sigma-Aldrich	P9541-500g	
L-Glutamin	Gibco	25030	
MgCl ₂	Honeywell	M0250-500g	
microscope slides	Fisher Scientific	10144633CF	
Microsoft Excel	Microsoft		
Mowiol4-88	Calbiochem	475904	
NaCl	BioFroxx	1394KG001	
Na ₂ HPO ₄	BioFroxx	5155KG001	
Neurobasal	Invitrogen	21103049	
OpenView Experiment Analysis Application	Free software, see comments		written by Noam E. Ziv, Technion – Israel Institute of Technology, Haifa, Israel
PBS (10x)	Roche	11666789001	
Optimem	Invitrogen	31985	
Penstrep	Gibco	15140-122	
PFA	Sigma	P6148-1kg	
safety hood	ThermoElectron		Serial No. 40649111

Sucrose	neoFroxx	1104kg001	
Synaptotagmin1	Synaptic Systems	105311	mouse monoclonal; clone 604.2
Triton X-100	Merck	1,086,031,000	
Vortex Genius 3	IKA	3340001	
Water bath	GFL	1004	
Zeiss Observer. Z1	Zeiss		