

Materials List for

A Scalable Method to Study Neuronal Survival in Primary Neuronal Culture with Single-cell and Real-Time Resolution

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jove.com/video/62759

Materials

Name	Company	Catalog Number	Comments
10 cm petri dishes	FISHER SCIENTIFIC, S.L.	1130-9283	
3.5 cm petri dishes	Sterilin		
75 cm ² flask	Corning	430641U	
B-27	Life Technologies	17504-044	
Cell culture plates	Corning incorporation Costar®	3513	
Cell incubator	Thermo Electron Corporation	Model 371	
Cell strainer 70 µm	Falcon	352350	
Cold lights	Schott	223488	KL 1500 LCD
Coverslips (15 mm)	Marienfeld	111530	
CU500 Cuvette Chamber	Nepa Gene		
CU600 Cuvette Stand Holder	Nepa Gene		
DAPI	Sigma-Aldrich Quimica, S. L.	D9542-10MG	1:2000
DMSO	Panreac	A3672	
Dumont Fine Forceps	FST	11254-20	
Dumont Fine Forceps	FST	11252-00	
EC-002S NEPA Electroporation Cuvettes, 2mm gap	Nepa Gene		
Filter strainer	Falcon	352350	
Fine Scissors-Sharp-Blunt	FST	14028-10	
Fine Scissors-ToughCut r	FST	14058-09	
GFP chicken IgY	Aves Labs	GFP-1010	1:600
Glucose	Sigma	68769-100ml	
GlutaMAX-I Supplement 200 mM 100 mL	Fisher Scientific	35050-061	

HBSS	Thermofisher	14175-095	https://www.thermofisher.com/es/es/home/technical-resources/media-formulation.156.html
Hepes 1 M	ThermoFisher	15630-080	
Horse Serum	Invitrogen	26050088	
MEM	Thermofisher	11095080	https://www.thermofisher.com/order/catalog/product/11095080#/11095080
Microscope slide (polyllysine)	VWR	631-0107	Dimension: 25 x 75 x 1 mm
Mowiol 4-88	Sigma-Aldrich Quimica, S. L.	81381-250G	
Needles yellow, 30 gauge	BD Microlance™ 3	304000	
NEPA21 electroporator	Nepa Gene		
Neubauer chamber	Blau Brand	717805	
Neurobasal Medium	ThermoFisher	21103-49	
Opti-MEM	Invitrogen	31985-062	
Parafilm	Cole-Parmer	PM996	
Paraformaldehyde (PFA), 95%	Sigma-Aldrich Quimica, S. L.	158127-500G	Use solution: 4%
PEI	Polysciences	23966-1	
Plasmid for GFP			pCMV-GFP-ires-Cre, described in Fazzari et al., Nature, 2010
Poly-L-Lysine	SIGMA	P2636	
PS (Penicillin, Streptomycin)	ThermoFisher	15140122	
Serrate forceps	FST	11152-10	
Stereomicroscope	WORLD PRECISION INSTRUMENTS		
Syringes	BD Plastipak 1ml	303176	
Triton X-100	Sigma-Aldrich Quimica, S. L.	MDL number: MFCD00128254	Non-ionic
Trypsin-EDTA	ThermoFisher	25300054	
Tubes 15 mL	Fisher	05-539-4	
Tubes 50 mL	VWR	21008-242	
Tupperware	-	-	Hermetic tupperware with screw lid. SP Berner - Taper 1 L Redondo con Rosca. Any equivalent hermetic Tupperware may be purchased in any supermarket.
Water bath	SHELDON LABORATORY MODEL 1224	1641951	