

Materials List for:

Assessment of Neuronal Viability Using Fluorescein Diacetate-Propidium Iodide Double Staining in Cerebellar Granule Neuron Culture

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Materials

Name	Company	Catalog Number	Comments
Poly-L-Lysine (PLL)	Sigma	P2636	
D-glucose	Sigma	G8270	
Cytosine β -D-Arabinofuranoside	Sigma	C1768	
Fetal Bovine Serum (FBS)	Gibco	10099141	high quality FBS is essential for culture
100x glutamine	Gibco	25030081	
100x antibiotics	Gibco	15240062	
Basal Medium Eagle (BME)	Gibco	21010046	
Fluorescein diacetate (FDA)	Sigma	F7378	
Propidium Iodide (PI)	Sigma	P4170	
Hoechst 33342	Yesen	40731ES10	
rabbit Anti-GAP43 antibody	Abcam	ab75810	
mouse Anti-GFAP antibody	Cellsignaling	3670	
Bovine Serum Albumin (BSA)	Sangon Biotech	A602440	
Trypsin	Sigma	T4665	
DNAse	Sigma	D5025	
Soybean trypsin inhibitor	Sigma	T9003	
Pasteur pipette	Volac	Z310727	burn the tip round before use
12-well cell culture plates	TPP	Z707783	
6-well cell culture plates	TPP	Z707759	high quality cell culture plate is essential for culture
Filter	Millipore	SLGP033RB	
Pipet 5 mL	Excell Bio	CS017-0003	
Pipet 10 mL	Excell Bio	CS017-0004	
Dissect microscope	Shanghai Caikang	XTL2400	
CO ₂ Incubator	Thermo Scientific	311	
Fluorescence microscope	Nikon	TI-S	
Fluorescence filter and emission cubes	Nikon	B-2A, G-2A, UV-2A	
Photo software	Nikon	NIS-Elements	
Graphics editor software	Adobe	Photoshop CS	

Image processing software	NIH	ImageJ	
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