Materials List for

A Neurite Outgrowth Assay and Neurotoxicity Assessment with Human Neural Progenitor Cell-Derived Neurons

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Materials

Name	Company	Catalog Number	Comments
4-well Glass Chamber Slides	Sigma	PEZGS0816	
Alexa Fluor 488	Invitrogen	A-11001	
Alexa Fluor 594	Invitrogen	R37117	
Antibiotic-Antimycotic	Gibco	15240062	
Anti-β-Tubulin III	Thermo	MA1-118X	
B27	Thermo	17504001	
B27 - minus vitamin A	Thermo	12587010	
BDNF	PeproTech	450-02	
BSA	Sigma	A8531	
CellTiter-Glo	Promega	G7572	
CoolCell	Corning	432000	Cell freezing containers ensuring standardized controlled-rate -1°C/ minute cell freezing in a -80°C freezer
CryoStor CS10	StemCell Technologies	7930	Cryopreservation medium containing 10% DMSO
DAPI	Thermo	D1306	
DMEM/F12	Gibco	11320033	
DMSO	Sigma	34869-100ML	
EGF	Gibco	PHG0311	
FGF	Gibco	PHG6015	
Formaldehyde	Thermo	FB002	
GDNF	PeproTech	450-10	
Glutamax	Gibco	35050061	L-alanyl-L-glutamine supplement
Goat Serum	Thermo	50062Z	

Heparin	Calbiochem	375095	
Laminin	Sigma	L2020-1MG	
L-Ascorbic Acid	Sigma	A92902-25G	
L-lysine	Sigma	L5501	
MEM non-essential amino acids	Gibco	11140050	
mFreSR	StemCell Technologies	5854	Serum-free cryopreservation medium designed for the cryopreservation of human embryonic and induced pluripotent stem cells
N2	Gibco	17502048	
NaCl	Sigma	71376	
Neurobasal Medium	Gibco	21103049	
Nunc 384-Well Polystyrene White Microplates	Thermo	164610	
PBS	Thermo	10010-049	
Poly-L-lysine	Sigma	P5899-5MG	
ProLong Gold Antifade Mountant	Thermo	P10144	
Retinoic Acid	Sigma	R2625	
Sodium Azide	Sigma	S2002	
StemPro Accutase	Gibco	A1110501	Cell dissociation reagent containing proteolytic and collagenolytic enzymes
Synaptophysin	Thermo	MA5-14532	
Tris Base	Sigma	10708976001	
Triton X-100	Sigma	X100-100ML	