

Materials List for

High-Content Screening Differentiation and Maturation Analysis of Fetal and Adult Neural Stem Cell-Derived Oligodendrocyte Precursor Cell Cultures

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jove.com/video/61988

Materials

Name	Company	Catalog Number	Comments
96-well plates - untreated	NUNC	267313	
B27 supplement (100x)	GIBCO	17504-044	
basic Fibroblast Growth Factor (bFGF)	GIBCO	PHG0024	
BSA	Sigma-Aldrich	A2153	
Ciliary Neurotropic Factor (CNTF)	GIBCO	PHC7015	
DMEM w/o glucose	GIBCO	A14430-01	
DMEM/F12 GlutaMAX	GIBCO	31331-028	
DNase	Sigma-Aldrich	D5025-150KU	
EBSS	GIBCO	14155-048	
Epidermal Growth Factor (EGF)	GIBCO	PHG6045	
HBSS	GIBCO	14170-088	
HEPES	GIBCO	15630-056	
Hyaluronidase	Sigma-Aldrich	H3884	
IFN- γ	Origene	TP721239	
IL-17A	Origene	TP723199	
IL-1 β	Origene	TP723210	
IL-6	Origene	TP723240	
laminin	GIBCO	23017-051	
N-acetyl-L-cysteine	Sigma-Aldrich	A9165	
N2 supplement (50x)	GIBCO	17502-048	
Non-enzymatic dissociation buffer	GIBCO	13150-016	
PBS	GIBCO	70011-036	
Penicillin / Streptomycin	Sigma-Aldrich	P4333	
Platelet Derived Growth Factor (PDGF-AA)	GIBCO	PHG0035	

poly-D,L-ornitine	Sigma-Aldrich	P4957	
TGF- β 1	Origene	TP720760	
TNF- α	Origene	TP723451	
Triiodothyronine	Sigma-Aldrich	T2752-1G	
Trypsin	Sigma-Aldrich	T1426	