

Materials List for:

Derivation of Adult Human Fibroblasts and their Direct Conversion into Expandable Neural Progenitor Cells

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Materials

Name	Company	Catalog Number	Comments
Astrocyte media	ScienCell	1801	
B27	LifeTechnologies	17504-044	
BDNF	Peprtech	450-02	
Biopsy Punch	pfm medical	48301	
cAMP	Sigma	A6885	
CHIR99021	Axon medchem	1386	
Collagenase Type2	Worthington Biochemical	LS004177	
Dispase	PAN	P10-032100	
DMEM	LifeTechnologies	41966-029	
DMEM F12	LifeTechnologies	11320-033	
DMSO	Roth	4720	
DPBS	LifeTechnologies	14190-094	
EGF	Life Technologies	PHG0313	
FCS	Biochrom AG	50115	
GDNF	Peprtech	450-10	
Gentamicin	Sigma	G1397	
GFAP-antibody	Dako	Z0334	
GlutaMAX	LifeTechnologies	35050-038	
hLIF	Peprtech	300-05	
Insulin	Seralab	GEM-700-112-P	
Ki67-antibody	NeoMarkers	RM-9106-S	
L-Glutamine	LifeTechnologies	25030-024	
Laminin	Sigma	L2020	
N2	LifeTechnologies	17502-048	
Nestin-antibody	R&D Systems	MAB1259	
Neurobasal	LifeTechnologies	21103-049	
Non-essential amino acids	LifeTechnologies	11140-050	
NSC freezing media	Sigma	C6295	
Oct4-antibody	Santa Cruz	sc9081	
Pax6-antibody	Covance	PRB-278P	
SB431542	Invivogen	inh-sb43	
Sendai virus: CytoTune Sendai Reprogramming Kit	LifeTechnologies	A1378001	

Sodiumpyruvate	Life Technologies	11360-039	
Sox1-antibody	R&D Systems	AF3369	
Sox2-antibody	R&D Systems	MAB2018	
T3	Santa Cruz	sc-205725	
Trypsin/EDTA	Life Technologies	15400-054	
TUJ1-antibody	Covance	MMS-435P-250	
Vitamin C	Sigma	A4544	
Y27632	Calbiochem	CAS 146986-50-7	
β-Mercaptoethanol	LifeTechnologies	21985023	