

Materials List for:

# Generation of Oligodendrocytes and Oligodendrocyte-Conditioned Medium for Co-Culture Experiments

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## Materials

Name	Company	Catalog Number	Comments
5-fluorodeoxyuridine	Sigma	F0503	
B27 supplement	ThermoFisher	17504044	
D-(+)-Glucose solution	Sigma	G8769	
DNase (Deoxyribonuclease I)	Worthington	LS002139	
Dulbecco's Modified Eagle Medium	ThermoFisher	31966021	
Ethanol 100%	Sigma	32221-M	
Ethanol 70%	VWR Chemicals	83801.360	
Fetal Calf Serum	ThermoFisher	10082147	
L-cysteine	Sigma	C7352	
Neurobasal	ThermoFisher	21103049	
Papain	Worthington	LS003126	
Penicillin-Streptomycin	ThermoFisher	15140122	
Phosphate Buffered Saline without calcium and magnesium	ThermoFisher	A1285601	
Polyethylenimine(PEI)	Sigma	P3143	
Tetraborate decahydrate	Sigma	B9876	
Trypsin	Sigma	Sigma	
Uridine	Sigma	U3750	
<b>Bottenstein-Sato (BS) media</b>			
apo-Transferrin human	Sigma	T1147	
BSA (Bovine Serum Albumin)	Sigma	A4161	
Dulbecco's Modified Eagle Medium	ThermoFisher	31966021	
Insulin	Sigma	I5500	
PDGF	Peptotech	AF-100-13A	
Penicillin-Streptomycin	ThermoFisher	15140122	
Progesterone	Sigma	P8783	
Putrescine dihydrochloride	Sigma	P5780	
Sodium selenite	Sigma	S5261	
T3 (3,3',5-Triiodo-L-thyronine sodium salt)	Sigma	T6397	
T4 (L-Thyroxine)	Sigma	T1775	
<b>Co-culture media</b>			
apo-Transferrin human	Sigma	T1147	

B27 supplement	ThermoFisher	17504044	
Biotin	Sigma	B4639	
BSA (Bovine Serum Albumin)	Sigma	A4161	
Ceruloplasmin	Sigma	239799	
Dulbecco's Modified Eagle Medium	ThermoFisher	31966021	
Hydrocortisone	Sigma	H4001	
Insulin	Sigma	I5500	
N-Acetyl-L-cysteine	Sigma	A8199	
Neurobasal	ThermoFisher	21103049	
Penicillin-Streptomycin	ThermoFisher	15140122	
Progesterone	Sigma	P8783	
Putrescin	Sigma	P5780	
Recombinant Human CNTF	Sigma	450-13	
Sodium selenite	Sigma	S5261	
T3 (3,3',5-Triiodo-L-thyronine sodium salt)	Sigma	T6397	
Vitamin B12	Sigma	V6629	
<b>Tools</b>			
0.22 µm filter	Sartorius	514-7010	
1 mL syringe	Terumo	1611127	
100 mm Petri dish	Dutscher	193100	
15 mL tube	Corning Life Science	734-1867	
50 mL tube	Corning Life Science	734-1869	
60 mm Petri dish	Dutscher	067003	
70 µm filter	Miltenyi Biotec	130-095-823	
Binocular microscope	Olympus	SZX7	
Curved forceps	Fine Science Tools	11152-10	
Fine forceps	Fine Science Tools	91150-20	
Large surgical scissors	Fine Science Tools	14008-14	
Scalpel	Swann-morton	233-5528	
Shaker	Infors HT		
Small surgical scissors	Fine Science Tools	91460-11	
Small surgical spoon	Bar Naor Ltd	BN2706	
T150 cm <sup>2</sup> flask with filter cap	Dutscher	190151	
<b>Animal</b>			
P2 Wistar rat	Janvier	RjHAn:WI	