

Materials List for:

Real-Time Monitoring of Human Glioma Cell Migration on Dorsal Root Ganglion Axon-Oligodendrocyte Co-Cultures

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Materials

Name	Company	Catalog Number	Comments
100 mm Suspension Culture Dish	Corning	430591	
2.5S NGF	ENVIGO	B.5025	
60 mm Suspension Culture Dish	Corning	430589	
ACK Lysing Buffer	Thermo Fisher	A1049201	
Ammonium Hydroxide Solution	Fisher Scientific	A669-500	Concentrated
Animal-Free Recombinant Human EGF	Peprtech	AF-100-15	
Animal-Free Recombinant Human FGF-basic (154 a.a.)	Peprtech	AF-100-18B	
Anti-A2B5 MicroBeads, human, mouse, rat	Miltenyi Biotec	130-093-392	
Antibiotic-Antimycotic (100X)	Thermo Fisher	15240062	
AutoMACS Rinsing Solution (PBS, pH 7.2)	Miltenyi Biotec	130-091-222	
B27 Supplement	Thermo Fisher	17504044	
B27 Supplement, minus vitamin A	Thermo Fisher	12587001	
Bacteriological Plate	BD Falcon	351029	
Biotin	Sigma	B4639	
BSA	Sigma	A9418	
Campanot Chamber	Tyler Research	CAMP-10	
Cell Culture Dish	Corning	430165	35mm X 10mm
Cell Strainer	BD Falcon	352350	70 uM, Nylon
Cell Strainer	BD Falcon	352340	30 uM, Nylon
Collagenase/Dispase	Roche	11097113001	
Cultrex Rat Collagen I	Trevigen	3440-100-01	
D-Glucose	Sigma	G5146	
DMEM	Thermo Fisher	10313021	
DNase I	Sigma	D7291	
Dow Corning High-Vacuum Grease	Fisher Scientific	14-635-5D	
Dumont #5 Forceps	Roboz	RS-5045	
E16 Timed Pregnant Sprague Dawley Rat			
EBSS	Sigma	E7510	
EGTA	Sigma	E3889	

FBS	Hyclone	SH30070.02	
FUDR	Sigma	F0503	
GlutaMAX Supplement	Thermo Fisher	35050061	
Ham's F-12 Nutrient Mix	Thermo Fisher	11765054	
HBSS	Thermo Fisher	14175095	
Hemostatic Forceps	Roboz	RS-7035	
Heparin Sodium Salt, 0.2% in PBS	Stem Cell Technologies	07980	
Hypodermic Needle, 18G	BD	511097	
Insulin-Transferrin-Selenium G	Thermo Fisher	41400045	
L-Cysteine	Sigma	C7477	
L-Glutamine	Thermo Fisher	25030081	
Leibovitz's L-15 Medium	Thermo Fisher	11415064	
MACS BSA Stock Solution	Miltenyi Biotec	130-091-376	
MACS MultiStand	Miltenyi Biotec	130-042-303	
MEM	Thermo Fisher	1190081	
Mg ₂ SO ₄	Sigma	M2643	
MiniMACS Separator	Miltenyi Biotec	130-042-102	
MS Columns plus tubes	Miltenyi Biotec	130-041-301	
NAC	Sigma	A8199	
NaHCO ₃	Sigma	S5761	
Neurobasal Medium	Thermo Fisher	21103049	
Neurobasal-A Medium	Thermo Fisher	10888022	
Ordinary forceps			
P2 Sprague Dawley Rat Pups			
Papain	Worthington	LS003126	
Penicillin-Streptomycin	Thermo Fisher	15140148	
Pin Rake	Tyler Research	CAMP-PR	
Progesterone	Sigma	P8783	
StemPro Accutase Cell Dissociation Reagent	Thermo Fisher	A1110501	
Syringe Grease Applicator	Tyler Research	CAMP-GLSS	
Transferrin	Sigma	T2036	
Uridine	Sigma	U3003	