

Generating and Co-culturing Murine Primary Microglia and Cortical Neurons

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Materials

Name	Company	Catalog Number	Comments
10 cm Petri dish	Fisher	07-202-011	Sterile
1x Versene	Gibco	15040-066	
B-27 Plus Neuronal Culture System	Gibco	A3653401	
Dissection microscope	VWR		
DNase I	Roche	11284932001	
Dulbecco's Modified Eagle Medium (DMEM)	Gibco	11960-044	
Fetal Bovine Serum	ThermoFisher Sci	12483-020	
HBSS (10x)	Gibco	14065-056	
Hemocytometer	Hausser Scientific	1475	
HEPES	ThermoFisher Sci	15630080	
Leibovitz's L-15 Medium (1x)	Fisher Scientific	21083027	
Macrophage colony stimulating factor	Peptotech	315-02	
Micro-Forceps	RWD	F11020-11	Autoclaved/Sterile
Non-essential amino acids	Cytiva	SH3023801	
PBS (10x)	ThermoFisher Sci	AM9625	
Penicillin Streptomycin Glutamine (100x)	Gibco	103780-16	
Poly-L-ornithine hydrobromide	Sigma	P3655-100MG	
Sodium pyruvate (100 mM)	Gibco	11360-070	
Spring scissors	RWD	S11008-42	Autoclaved/Sterile
Surgical blade	Feather	08-916-5D	Sterile
T-25 flasks	Fisher	10-126-9	
T-75 flasks	Fisher	13-680-65	
Tissue forceps	Codman	30-4218	Autoclaved/Sterile
Tissue scissors	RWD	S12052-10	Autoclaved/Sterile
Trypan Blue	Thermofisher Sci	15250-061	

Trypsin (2.5%)	ThermoFisher Sci	15090046	
Widefield Immunofluorescence Microscope	Zeiss		