

Materials List for:

Characterization and Isolation of Mouse Primary Microglia by Density Gradient Centrifugation

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Materials

Name	Company	Catalog Number	Comments
DMEM, low glucose, pyruvate	Gibco	11885084	
Antibiotic-Antimycotic (100X)	Gibco	15240062	
DNaseI grade II from bovine pancreas	Sigma-Aldrich	10104159001	
Papain from papaya latex, buffered aqueous solution	Sigma-Aldrich	P3125-100mg	
Fetal Bovine Serum, qualified, heat inactivated	Gibco	16140071	
Percoll	GE Healthcare	17-0891-01	
Hank's Balanced Salt Solution (1X)	Gibco	14175-103	
Hank's Balanced Salt Solution (10X)	Gibco	14185052	
EasySep Mouse CD11b Positive Selection Kit	StemCell Technologies	18770	EasySep magnet variant
EasySep magnet	StemCell Technologies	18000	
EasySep Buffer	StemCell Technologies	20144	
Dulbecco's Phosphate buffered saline	Gibco	14040182	
Trypsin (2.5%) (10X)	Gibco	15090-046	
Purified Rat Anti-Mouse CD16/CD32 (Mouse BD Fc Block™)	BD Biosciences	553141	
Falcon 5mL Round Bottom High Clarity PP Test Tube, with Snap Cap, Sterile	Corning	352063	
175cm ² Angled Neck Cell Culture Flask with Vent Cap	Corning	431080	
Lipopolysaccharides from Escherichia coli O127:B8	Sigma-Aldrich	L5024	
96 Well TC-Treated Microplates size 96 wells, clear, polystyrene, round bottom	Corning	CLS3799	
Paraformaldehyde (powder, 95%)	Sigma-Aldrich	158127	
Triton-X	Sigma-Aldrich	X100	
Rabbit Anti-Iba1	Wako	01919741	
Goat Anti-Rabbit IgG H&L (Alexa Fluor 488)	Abcam	ab150077	
FACS Antibodies	Company	Catalog Number	

V450,Rat,Anti-Mouse,CD45,30-F11,RUO	BD Biosciences	560501	
PerCP-Cy5.5 CD11b	eBiosciences	45-0112-82	
ZombieNIR	Biolegend	423105	
pHrodo Red E. coli BioParticles Conjugate	Thermo Fisher Scientific	P35361	
Annexin.V_FITC	Miltenyi Biotech	130-093-060	
Propodium Iodide solution	Miltenyi Biotech	130-093-233	