

Materials List for

# A Comprehensive High-Efficiency Protocol for Isolation, Culture, Polarization, and Glycolytic Characterization of Bone Marrow-Derived Macrophages

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## Materials

Name	Company	Catalog Number	Comments
23G needles	VWR	BD305145	
2-mercaptoethanol	Life Technologies	21985023	
50ml Conical Tube	VWR	21008-951	
ACK lysis buffer	Thermo Fisher Scientific	A1049201	It can be lab-made
Agilent Seahorse XF glycolysis stress test kit	Agilent Technologies	103020-100	
Agilent Seahorse XF Glycolysis Stress Test Kit User Guide	Agilent Technologies	103020-400	
Agilent Seahorse XF Glycolytic Rate Assay Kit	Agilent Technologies	103344-100	
Agilent Seahorse XF Glycolytic Rate Assay Kit User Guide	Agilent Technologies	103344-100	
Alexa Fluor 488 anti-mouse CD206 (MMR) Antibody	BioLegend	141710	
anti-mouse CD11b eFluor450 100ug	eBioscience	48-0112-82	
BD 3ML - SYRINGE	VWR	BD309657	Other syringes are acceptable too
Cell counter-Vi-CELL- XR Complete System	BECKMAN COULTER Life Sciences	731050	Cells can be manually counted too
Cell Strainer-70µm	VWR	10199-656	
CyQUANT Cell Proliferation Assay Kit	Thermo Fisher Scientific	C7026	
F4/80 monoclonal antibody (BM8) pe-Cyanine7	eBioscience	25-4801-82	
Fetal Bovine Serum	Life Technologies	16000-044	
Flow cytometer: BD LSFRFortessa X-20	BD	656385	
Kim Wipes	VWR	82003-822	
LPS-SM ultrapure (tlrl-smpls) 5 mg	Invivogen	tlrl-smpls	

MCSF	Peprotech	315-02	
Murine IL-4	Peprotech	214-14	
PE Rat Anti-Mouse CD38	BD Biosciences	553764	
Penicillin-Streptomycin (10,000 U/ mL)	Life Technologies	15140122	
Petri Dish 100mm x 15 mm	Fisher Scientific	F80875712	
RPMI, Glutamax, HEPES	Invitrogen	72400-120	
Seahorse Calibrant Solution	Agilent Technologies	103059-000	
Seahorse XF 200mM Glutamine Solution	Agilent Technologies	103579-100	
Seahorse XF Glycolytic Rate Assay Kit	Agilent Technologies	103344-100	
Seahorse XFe96 FluxPaks	Agilent Technologies	102416-100	
XF Glycolysis Stress Test Kit	Agilent Technologies	103020-100	
XF RPMI Medium, pH 7.4 without phenol Red	Agilent Technologies	103336-100	