

Materials List for:

Proteomic Analysis of Human Macrophage Polarization Under a Low Oxygen Environment

Magali Court^{1,2}, Marie Malier^{1,2}, Arnaud Millet^{1,2,3}

¹Team Mechanobiology, Immunity and Cancer, Institute for Advanced Biosciences, INSERM U1209, CNRS UMR5309

²Université Grenoble Alpes

³Pôle Recherche, Centre Hospitalier Universitaire des Alpes

Correspondence to: Arnaud Millet at arnaud.millet@inserm.fr

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Materials

Name	Company	Catalog Number	Comments
Hypoxia Working Station	Oxford Optronix	Hypoxylab	
C6 Flow cytometer	BD	Accuri C6	
Urea	Agilent Technologies	5188-6435	
Formic acid (FA)	ARISTAR	450122M	
R-250 Coomassie blue	Biorad	1,610,436	
Lipopolysaccharide, E.Coli (LPS)	Calbiochem	437627	
2D clean-up kit	GE Healthcare	80-6484-51	
RPMI 1640 medium, glutamax supplement	Gibco	61870044	
HEPES 1 M	Gibco	15630-080	
MEM Non-Essential Amino Acids (NEAA) Solution 100X	Gibco	11140-035	
Phosphate Buffered Saline (PBS) 1X	Gibco	14190-094	
Harvard Apparatus column Reverse C18 micro spin column	Harvard Apparatus	74-4601	
EDTA 0.5 M, pH 8.0	Invitrogen	AM9260G	
NuPAGE Bis-Tris 4-12%	Life Technologies SAS	NP0321 BOX	
CD14 Microbeads human	Miltenyi Biotec	130-050-201	
MACS separation column LS	Miltenyi Biotec	130-042-401	
Macrophage colony-stimulating factor (M-CSF)	Miltenyi Biotec	130-096-485	
Interleukin 4 (IL4)	Miltenyi Biotec	130-093-917	
Interleukin 13 (IL13)	Miltenyi Biotec	130-112-410	
Interferon gamma (INFγ)	Miltenyi Biotec	130-096-482	
CD14-FITC (clone TÜK4)	Miltenyi Biotec	130-080-701	
MACSmix Tube Rotator	Miltenyi Biotec	130-090-753	
Trifluoroacetic Acid (TFA)	Pierce	28904	
Trypsin/Lys-C Mix	PROMEGA	V5073	
Complete Mini, EDTA-free Protease Inhibitor cocktail	Roche	11836170001	
Density Gradient Solution (Histopaque 1077)	Sigma Aldrich	10771-100ML	
Accumax	Sigma Aldrich	A7089-100ML	

Human Serum from human male AB plasma (SAB)	Sigma Aldrich	H4522-100ML	
Bovine Serum Albumin (BSA) solution 30%	Sigma Aldrich	A9576-50ML	
Trisma-base	Sigma Aldrich	T1503	
Glycerol	Sigma Aldrich	49767	
β -Mercaptoethanol	Sigma Aldrich	M3148	
Bromophenol blue	Sigma Aldrich	114405	
Sodium Dodecyl Sulfate (SDS) 20%	Sigma Aldrich	5030	
Ammonium bicarbonate	Sigma Aldrich	9830	
Acetonitrile	Sigma Aldrich	34888	
Dithiothreitol	Sigma Aldrich	43819	
Iodoacetamide	Sigma Aldrich	57670	
Thiourea	Sigma Aldrich	T8656	
CHAPS	Sigma Aldrich	C9426	
Micro BCA Assay Kit	ThermoFisher	23235	
5 mL sterile plastic pipette	VWR	612-1685	
Thermomixer C Eppendorf	VWR	460-0223	
Sep-Pak tC18 reverse phase cartridges, 100 mg	Waters	WAT036820	