

Targeted Metabolomics on Rare Primary Cells

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Materials

Name	Company	Catalog Number	Comments
¹³ C yeast extract	Isotopic Solutions	ISO-1	
40 µm cell strainer	Corning	352340	
Acetonitrile, LC-MS grade	VWR	83640.32	
ACK lysis buffer	Gibco	104921	Alternatively: Lonza, Cat# BP10-548E
Adenosine diphosphate (ADP)	Sigma Aldrich	A2754	
Adenosine monophosphate (AMP)	Sigma Aldrich	A1752	
Adenosine triphosphate (ATP)	Sigma Aldrich	A2383	
Ammonium Carbonate, HPLC grade	Fisher Scientific	A/3686/50	
Atlantis Premier BEH Z-HILIC column (100 x 2.1 mm, 1.7 µm)	Waters	186009982	
B220-A647	Invitrogen	103226	
B220-PE/Cy7	BioLegend	103222	RRID:AB_313005
CD11b-PE/Cy7	BioLegend	101216	RRID:AB_312799
CD150-BV605	BioLegend	115927	RRID:AB_11204248
CD3-PE	Invitrogen	12-0031-83	
CD48-BV421	BioLegend	103428	RRID:AB_2650894
CD4-PE/Cy7	BioLegend	100422	RRID:AB_2660860
CD8a-PE/Cy7	BioLegend	100722	RRID:AB_312761
cKit-PE	BioLegend	105808	RRID:AB_313217
Dynabeads Untouched Mouse CD4 Cells Kit	Invitrogen	11415D	
FACSAria III	BD		
Gr1-PE/Cy7	BioLegend	108416	RRID:AB_313381
Heat sealing foil	Neolab	Jul-18	
Isoleucine	Sigma Aldrich	58880	

JetStream ESI Source	Agilent	G1958B	
Leucine	Sigma Aldrich	L8000	
Medronic acid	Sigma Aldrich	M9508-1G	
Methanol, LC-MS grade	Carl Roth	HN41.2	
NaCl	Fluka	31434-1KG	
PBS	Sigma Aldrich	D8537	
Sca1-APC/Cy7	BioLegend	108126	RRID:AB_10645327
TER119-PE/Cy7	BioLegend	116221	RRID:AB_2137789
Triple Quadrupole Mass Spectrometer	Agilent	6495B	
Twin.tec PCR plate 96 well LoBind skirted	Eppendorf	30129512	
UHPLC Autosampler	Agilent	G7157B	
UHPLC Column Thermostat	Agilent	G7116B	
UHPLC Pump	Agilent	G7120A	
UHPLC Sample Thermostat	Agilent	G4761A	