

Materials List for:

A Method for Measuring Metabolism in Sorted Subpopulations of Complex Cell Communities Using Stable Isotope Tracing

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Materials

Name	Company	Catalog Number	Comments
HBSS	Sigma	H6648	
INFLUX (inFlux v7 Sorter)	BD Biosciences		
U- ¹³ C-Glucose	Cambridge isotopes	40762-22-9 / GLC-018	
U- ¹³ C, ¹⁵ N2-Glutamine	Cambridge isotopes	CNLM-1275-H-0.1	
Methanol (JT Baker), HPLC grade	VWR	BAKR8402.2500	
Ultrafree - MC - VV centrifugal Filters. Durapore PVDF 0.1 µm	Millipore	UFC30VV00	
Ultimate 3,000 UHPLC	Thermo Fisher scientific		
Q-Exactive Orbitrap Mass spectrometer	Thermo Fisher scientific		
Merk-Sequant ZIC HILIC column (150 mm x 4.6 mm, 5 µm)	Merck KGaA	1.50444.0001	
Merk-Sequant ZIC HILIC guard column (20 mm x 2.1 mm)	Merck KGaA		
Acetonitrile Optima LC-MS, amber glass	Fisher Scientific	A955-212	
Milli-Q water	Millipore		Produced with a Milli-Q Gradient system
Myrsyra 99.5% Optima (Formic acid)	Fisher Scientific	11423423	
X100 Screw Vial 1.5 ml, 8-425 32x11.6 mm, amber, 100 units	Thermo Fisher scientific	10560053	
X100 Lock Skruv Vitt PTFE Packing 8-425 (Screw caps)	Thermo Fisher scientific	12458636	
ProteoMass LTQ/FT-Hybrid ESI Pos. Mode Cal Mix	Sigma-Aldrich	MSCAL5	Calibration kit
SNAKESKIN 10K MWCO	Thermo Fisher scientific	88245	
Mathematica v.10	Wolfram Research		