

List of Metabolites: Metabolic Phenotyping Kits & Services

At the BIOCRATES Metabolic Phenotyping Services Center we make our know-how available to partners in the industry and academic sector. We quantify more than 600 metabolites, analyze a wide range of species and samples, and adapt methods to specific needs. Our services include metabolite pathway analysis to assist the annotation of results and biological interpretation of data.

The number of metabolites indicates the total theoretical number of metabolites which are detected by the assay. Depending on the sample type and species as well as the used mass spectrometer, certain metabolites might be below the detection limit.

For Contract Research Services, please contact: services@biocrates.com

For Kits and general questions, please contact: sales@biocrates.com

METABOLITE CLASSES	Number of METABOLITES	BIOCRATES KITS		In House SERVICES	Sample Volume ¹⁾
Acylcarnitines	40	Absolute/DQ p150 Kit	Absolute/DQ p180 Kit	Service 1	10 µL ³⁾
Amino acids	21				
Monosaccharides	1				
Glycerophospholipids	90				
Sphingolipids	15				
Biogenic amines	21	-			
Steroid hormones	17	Stero17 Kit ²⁾		Service 2	250 - 550 µL ³⁾
Bile acids	20	Bile Acids Kit		Service 3	10 - 20 µL ³⁾
Neurotransmitters	9	-		Service 4	30 µL
Eicosanoids	17	-		Service 5	30 µL
Fatty acids (total/free)	31	-		Service 6a, 6b	35 µL
Lipids	326	-		Service 7	30 µL
Oxysterols (free)	17	-		Service 8	30 µL
Vitamin Assay	16	-		Service 9	30 µL
Energy metabolism	21	-		Service 10	130 µL

¹⁾ Human Plasma; for other matrices please contact support@biocrates.com

²⁾ Steroid Kit is not available in USA and Canada

³⁾ For Contract Research Services, different sample volumes apply. Please contact services@biocrates.com