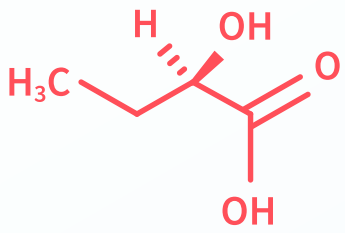
METABOLON TARGET

Metabolon

Diabetes Research Markers Targeted Panel



Further Your Understanding of Diabetes

Glucose-related metabolomic analyses are typically provided as global, untargeted metabolomics to detect and identify analytes in a sample, or targeted, absolute quantification of single metabolites. But to advance further research, there are limited options available for quantification and forensic investigation of related metabolites and contributing sources of diabetes—until now.

The Metabolon Diabetes Research Markers Targeted Panel takes your understanding of 22 metabolites known to contribute to diabetes further than ever before, helping you discover new insights into what factors may play a significant role in affecting diabetes.

Applications

- Diabetes

	LLOQ*
Metabolite	Plasma (µg/mL)
Glycine	1.25
Serine	1.25
Valine	2.50
Leucine	2.00
Isoleucine	1.25
Phenylalanine	1.25
Tyrosine	1.25
Creatine	0.500
Pantothenate	0.0200
Trigonelline	0.0100
Hydroxyisovaleroyl carnitine	0.0100
2-Hydroxybutyric acid	0.500
3-Hydroxyisobutyric acid	0.125
3-Hydroxybutyric acid	0.500
3-Methyl-2-oxopentanoic acid	0.500
4-Methyl-2-oxopentanoic acid	0.500
Oleic Acid	10.0
3-Methyl-2-oxobutyric acid	0.500
2-Ketoglutaric acid	0.300
2-Ketobutyric acid	0.0750
Linoleoyl-LPC	2.500
Lactoyl-Phenylalanine	0.0125

*Lower Limit of Quantitation (LLOQ) varies for each sample type.

This panel is for Research Use Only and is not to be used for diagnostic purposes.

Analysis Method and Instrumentation

LC-MS/MS (Agilent 1290 UHPLC/Sciex QTrap 5500 and 6500+)

Sample Type and Required Amounts

Sample Type	Sample Requirement
Plasma	150 to 200 µL

Others on request.

Contact us to get started
metabolon.com

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