

Targeted Metabolomics Analysis at Your Fingertips

With the Agilent 6470 triple quadrupole LC/MS powered with the biocrates AbsoluteIDQ p180 kit

Quantify a broad spectrum of metabolites with an easy-to-use kit

Targeted metabolomics experiments based on triple quadrupole LC/MS can be used to identify altered reactions and disrupted pathways within a defined group of metabolites in a cell, tissue or organism. The Biocrates AbsoluteIDQ p180 Kit quantifies metabolites that reflect diverse physiological processes such as cell cycle control, mitochondrial function, and inflammation.

The Agilent 6470 triple quadrupole LC/MS system combined with the Biocrates kit provides high throughput and excellent reproducibility, requiring only small sample volumes for straightforward implementation of a targeted metabolomic method in your lab. With the Agilent LC/MS system and a ready-to-use kit with a simple automated workflow, you can quickly generate quantitative results with excellent accuracy and precision. This solution provides a powerful tool for basic and clinical researchers.



Straightforward metabolite quantitation

- Ready-to-use solution
- Robust LC/MS solution for high throughput
- Minimal sample consumption
- Simple automated workflow
- Excellent data quality

Learn how to Take the Lead in Metabolomics with Agilent
Call 800-227-9770 (in the US or Canada), or visit www.agilent.com/en/promotions/metabolomics

A Powerful Combination for Standardizing Metabolite Analysis

- A standardized, quantitative metabolic phenotyping assay on the proven Agilent 6470 triple quadrupole LC/MS system
- A ready-to-use metabolite solution with easy and rapid sample preparation protocol enabling high-throughput analysis
- Multiplexed and targeted analysis of up to 188 endogenous metabolites and lipids from six different key metabolite classes (21 amino acids, 21 biogenic amines, 40 acylcarnitines, hexoses, 15 sphingolipids, and 90 glycerophospholipids)
- Optimized MRM transitions for all metabolites in the kit
- Automated data analysis of metabolites and internal standards using Biocrates MetIDQ software

Supported Agilent LC/MS Configuration

Product Description	Part Number
Agilent 6470 triple quadrupole LC/MS	G6470AA
Agilent 1290 Infinity II High Speed Pump with options 033, 034 and 006	G7120A
Agilent 1290 Infinity II Multisampler with options 100, 112 and 131	G7167B
Agilent 1290 Infinity II Multicolumn Thermostat with options 058, 064 and 072	G7116B
Valve kit, 2 position/6 port valve head option 005	G4231C

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<https://www.agilent.com/en/solutions/omics/metabolomics>

<https://www.agilent.com/en/solutions/omics/lipidomics>

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RA44671.6426851852

© Agilent Technologies, Inc. 2022
Published in the USA, April 20, 2022
5994-1037EN

