

# MxP<sup>®</sup> Quant 500 kit

Metabolomics in nutrition, microbiome, and disease

[biocrates.com](https://biocrates.com)



## Mass spectrometry-based metabolomics kits



Ready-to-use



Automated  
workflow



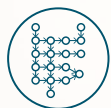
Standardized,  
quantitative



High  
throughput

# MxP<sup>®</sup> Quant 500 kit

The MxP<sup>®</sup> Quant 500 kit offers functional understanding of host-microbiome interaction.



## Comprehensive pathway coverage

- ▶ 894 biomarkers relevant to nutrition, microbiome, and disease
- ▶ Predefined sums and ratios for advanced biological interpretation



## Functional microbiomics

- ▶ Nutrition-microbiome-host interaction
- ▶ Dozens of metabolites known to be synthesized and modulated by the gut bacteria

## Coverage

- ▶ 630 metabolites from 26 compound classes, 264 metabolism indicators

## Sample volume | type

- ▶ 10 µl | For use with various sample matrices and species

## Throughput

- ▶ 320 samples/week/instrument



## Kit components

- ▶ Patented 96-well filter plate with integrated internal standards
- ▶ Calibration and QC samples, system suitability test samples
- ▶ Protocols for different matrices
- ▶ Instrument-specific methods for triple quadrupole mass spectrometers from Agilent, SCIEX, Thermo and Waters

[shop.biocrates.com/kit-products](https://shop.biocrates.com/kit-products)

## Read more



biocrates' standardized metabolomics technology

Get more information on how to generate reproducible metabolomics data

[biocrates.com/our-technology](https://biocrates.com/our-technology)



Applications of metabolomics

Learn how metabolomics is already changing lives

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