



biocrates  
The future of research and health

# MxP<sup>®</sup> Quant 500 XL kit

Unraveling the complexity of disease

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



## Mass spectrometry-based metabolomics kits



Ready-to-use



Automated  
workflow



Standardized,  
quantitative



Comprehensive  
coverage

For research use only | not for use in diagnostic procedures

# MxP<sup>®</sup> Quant 500 XL kit

The MxP<sup>®</sup> Quant 500 XL kit offers profound functional understanding of metabolite and lipid homeostasis in health and disease.



## Unprecedented pathway coverage

- ▶ 1,400+ biomarkers covering pathways essential to disease and aging
- ▶ Predefined sums and ratios for advanced biological interpretation



## Insights on disease complexity

- ▶ Largest combination of lipids and small molecules in a single kit
- ▶ Functional understanding of age-related diseases

## Coverage

- ▶ 1,019 metabolites from 39 compound classes, 474 metabolism indicators

## Sample volume | type

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

## Throughput

- ▶ 240 samples/week/instrument



## Kit components

- ▶ Patented 96-well filter plates 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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