

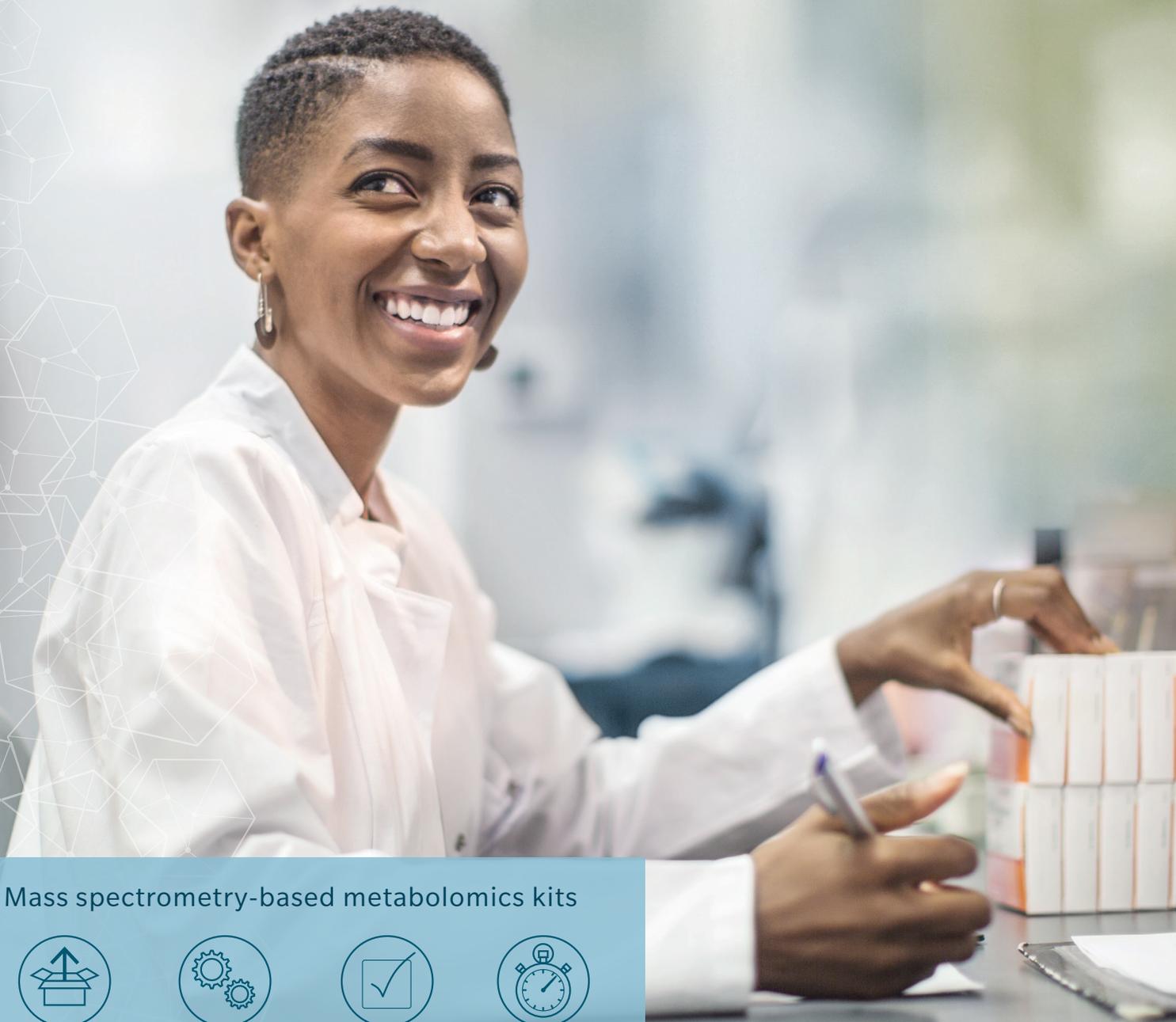


biocrates  
The future of research and health

# MxP<sup>®</sup> Quant 500 XL kit

Unraveling the complexity of disease

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



## Mass spectrometry-based metabolomics kits



Ready-to-use



Automated  
workflow



Standardized,  
quantitative



High  
throughput

For research use only | not for use in diagnostic procedures

# MxP<sup>®</sup> Quant 500 XL kit

The MxP<sup>®</sup> Quant 500 XL offers the largest combination of lipids and metabolites for targeted metabolic profiling in a single kit. Powered by biocrates' standardized, quality-controlled, and reproducible metabolomics technology, the ready-to-use kit covers more than 1,000 compounds and more than 400 quantifiable metabolism indicators.



## Unprecedented metabolite coverage

- ▶ Coverage of 1,000+ quantifiable metabolites and 100+ metabolic pathways
- ▶ Profound functional understanding of metabolite and lipid homeostasis in health and disease



## Insights on disease complexity

- ▶ Functional understanding of age-related diseases, as well as cardiometabolic diseases such as non-alcoholic fatty liver (NAFLD) and cardiovascular disease (CVD)

## Kit components



Now available in our webshop  
[shop.biocrates.com/kit-products](https://shop.biocrates.com/kit-products)



## Reagents | consumables

- ▶ Patented 96-well filter plates with internal standards already incorporated
- ▶ Calibration standards, quality controls, and system suitability test samples
- ▶ Complete set of instrument-specific methods (no optimization needed)

## Methods | protocols

- ▶ Instrument-specific acquisition methods
- ▶ Manual with detailed descriptions
- ▶ Protocols for different matrices

Coverage	1,000+ metabolites from 39 compound classes, 400+ metabolism indicators, 100+ metabolic pathways
Assay type	Standardized, reproducible, quality-controlled, ready-to-use LC-MS/MS assay
Sample volume   type	20 µl   For use with various sample matrices and species
Throughput	240 samples/week/instrument

## 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

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