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The future of research and health

# SMartIDQ alpha kit

Efficient workflow for busy laboratories

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## Mass spectrometry-based metabolomics kits



High  
efficiency



Quantitative,  
reproducible



Streamlined  
integration



Comprehensive  
analysis

For research use only | not for use in diagnostic procedures

# SMartIDQ alpha kit

The SMartIDQ alpha kit helps you streamline your lab operations with meaningful metabolite coverage and high-throughput capabilities



## High efficiency and reproducibility

- ▶ Minimal sample volumes (only 10  $\mu$ L)
- ▶ ONE ready-to-use kit for multiple matrices
- ▶ Little personnel requirement
- ▶ Automatable sample preparation



## Comprehensive analysis

- ▶ Set of well-characterized metabolites
- ▶ Discover biological insights with MetaboINDICATOR™ – 138 metabolite sums and ratios
- ▶ Leading quantitative metabolite database



## Coverage

- ▶ 107 metabolites from 13 biochemical classes

## Sample volume | type

- ▶ 10  $\mu$ L | For use with various sample matrices and species

## Throughput

- ▶ 480 samples/week/instrument



## Kit components

- ▶ Patented 96-well filter plates with integrated internal standards
- ▶ Calibration standards and quality controls
- ▶ Test samples for system suitability test
- ▶ Quick-start guide and user manual
- ▶ Protocol for different matrices
- ▶ Instrument-specific methods

[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)



SMartIDQ alpha kit

Streamlined lab operations with meaningful metabolite coverage

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