

LxQuant kit

Discover the crucial role of lipids in chronic disease

biocrates.com



Mass spectrometry-based metabolomics kit



Decipher
chronic disease



Lipid
metabolism



Quantitative &
standardized



Easy and
ready-to-use

Rapid discoveries through lipidomics

The LxQuant kit delivers a curated selection of lipids for quantitative lipidomics relevant to neurology, oncology, cardiometabolic disease and aging.



Instant insights

- ▶ Quantification of up to 1,231 biomarkers
- ▶ Broad screening of membrane, storage, and circulating lipids from lipoproteins



Standardization and efficiency

- ▶ Fully automated annotation and quantification
- ▶ Best run time to data points ratio



Coverage

- ▶ 906 metabolites from 25 biochemical classes
- ▶ 325 relevant metabolite sums and ratios

Sample volume

- ▶ 10 µL of plasma, urine, etc.
- ▶ 200 mg of feces (wet weight)

Throughput

- ▶ 12 min run time per sample
- ▶ 400 samples/week/instrument



Kit components

- ▶ Patented 96-well plate configuration with integrated internal standards
- ▶ Quality controls
- ▶ System suitability test mixes
- ▶ Instrument-specific methods for triple quadrupole mass spectrometers
- ▶ Quick-start guide and user manual

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



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