

Creative Proteomics

Innovative Metabolomics Solutions

Gain Deep Insight into Metabolomics

✦ Metabolomics Technologies

- UPLC, HPLC
- GC-MS, GC-MS/MS
- LC-MS, LC-MS/MS
- NMR Spectroscopy
- ICP-MS

✦ Metabolomics Applications

- Academic Research
- Pharmaceutical & Biotechnology
- Agriculture
- Food Nutrition

Featured Metabolomics Services at Creative Proteomics

Creative Proteomics provides accurate, comprehensive, and high-throughput metabolomics research. Equipped with state-of-the-art analytical instrumentation, we perform metabolomic studies for customers in various fields, such as medicine, agri-food, environmental, *etc.*

Untargeted Metabolomics

The global relative quantitative analysis of the metabolome.

- ✧ Serum Untargeted Metabolomics
- ✧ Urine Untargeted Metabolomics
- ✧ Cerebrospinal Fluid Untargeted Metabolomics
- ✧ Plant Untargeted Metabolomics

Targeted Metabolomics

Measurement of defined groups of chemically characterized and biochemically annotated metabolites.

Pathways

- TCA Cycles
- Central Carbon Metabolism
- Methionine Cycle
- One-carbon Metabolism
- Urea Cycle Metabolism
- Pentose Phosphate Pathway

Metabolites

- Polyphenols
- Plant Metabolites
- Vitamins
- NTPs
- Bile Acids
- Organic acid
- Sugars
- Oxylipin
- Catecholamine

Metabolic Flux Analysis (MFA)

The examination of production and consumption rates of metabolites in a biological system.

Untargeted Lipidomics

Potentially detect all the lipids present in one sample.

- ✧ Plant Untargeted Lipidomics
- ✧ Yeast Untargeted Lipidomics
- ✧ Mammals Untargeted Lipidomics

Targeted Lipidomics

Quantification of a small number of pre-defined lipids.

- ✧ Fatty Acids Analysis
- ✧ Fatty Acids Derivatives Analysis
- ✧ Fatty Acids Metabolism Analysis
- ✧ Glycerolipids Analysis
- ✧ Glycerophospholipids
- ✧ Sphingolipids
- ✧ Isoprenoids
- ✧ Sterols
- ✧ Others



Contact Us

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