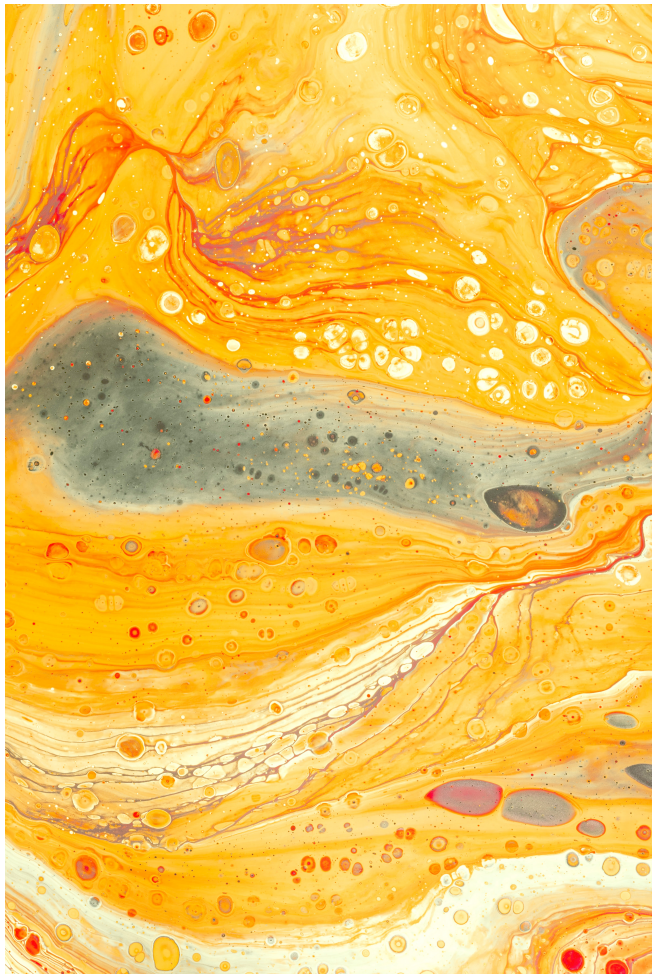
Biosfer Teslab Urine analysis

Minimizes the time between generating basic results and applying them to patients.



Metabolomic Platform

Advanced technology

Nuclear Magnetic Resonance (NMR) is a valuable tool for studying the metabolic profile of an individual.

Robust and reproducible results

Results are reported in quantitative values and can be compared with different studies over time.

Quick analysis

Fully automated technology platform providing rapid analysis of up to 200 samples in one day.

The added value we offer

Quality results

Biosfer Teslab is ISO 9001 and ISO 13485 certified and CE marked for characterizing blood lipoproteins.

Experience

Our research team will help you to interpret your data. We are closely involved in every project.

Data analysis

We have population databases that can be used to compare normality values. We participate in the creation of figures.

Shipping requirements

Specimen: urine samples

Volume: 540 µl

Conservation: samples frozen at -80ºC

To find out more, contact us:
biosferteslab@biosferteslab.com

Applications

Identification of biomarkers

Epidemiological studies

Pharmacological studies

Nutritional studies

Disease prediction and prevention

Disease diagnosis

List of metabolites

Renal function

Creatine
Creatinine
Urea

Amino acids

Lysine
Alanine
Glycine
Histidine
Glutamine
Threonin
Taurine
Valine
Leucine
Isoleucine

Microbial Metabolism

TMAO
Dimethylamine

Glucose Metabolism*

Glucose
Lactate
Citrate
Succinate

Diet Metabolism*

Mannitol
3-methylhistidine
Arabinose
Betaine

Ketone bodies

Acetate

Phenylalanine metabolism

Hippurate

Pyrimidine metabolism

3-aminoisobutyric acid

Nicotinamide metabolism

Trigonelline
1-methylnicotinamide

Others *

Indoxyl sulfate
3-hydroxyisovalerate
2-hydroxyisobutyrate
3-hydroxyisobutyrate
Trans-aconitate
Ethanolamine
Formate
Allantoin
Hypoxanthine
Glycolate
Isocaproate
Carnitine
Isovalerate

* The presence of some metabolites in urine samples can vary according to the person and the animal model, and some metabolites not present in the list may be analyzed or vice versa.

BiosferTeslab
Advancing testing