# **Biosfer Teslab Fecal 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: fecal samples

Volume: 15-20 mg dry weight

Conservation: samples frozen at -80°C

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

Isoleucina

Short chain fatty acids	Microbial metabolism *	Purine metabolism *	* The presence of some metabolites in fecal samples
Formate	ТМАО	Oxypurinol	can vary according to the person and the animal
Propionate	Dimethylamine	Hypoxanthine	model, and some metabolites not present in the list
Valerate	Glucose metabolism *	Inosine	may be analyzed or vice versa.
Acetate		2-deoxyinosine	
Butyrate Isobutyrate	Glucosa Lactate	Others *	
Isovalerate	Succinate	Creatine	
Amino acids *	Diet metabolism *	Creatinine Malonato	
Lysine	Xylose Galactose	Choline	
Alanine		3-phenylpropionate	
Glycine	Galaciose		
Glutamate	Pyrimidine metabolism *		
Methionine			
Tyrosine	Uracil		
Phenylalanine	Uridine		
Valine			
Leucine			

