

IN SECONDS, SPECTROLABO CAN ASSESS:
the bioavailability in the cells of minerals, levels of trace elements and oxidative stress, and the amount of heavy metals present.
The test is carried out instantly and is non-painful

NON-PAINFUL AND WITH NO NEED FOR A BLOOD TEST

The test is carried out using spectrophotometry and then evaluated within your own surgery using a portable spectrometer connected to a computer.



APPROVED TECHNOLOGY

Spectrolabo is based on measurements carried out by a spectrometer. Spectrophotometry is a quantitative analysis method which measures the absorption properties (absorbance) of a specific medium within the full spectrum of light.



PERSONALISED TEST

Only a few clicks are required to send the data to the secure server of the laboratory. You will then receive an assessment on the levels of trace elements, minerals and heavy metals, and also on oxidative stress.

SpectroLabo Analyse		Gender	Man
Colombes 92545		Age	40 y.
6229 GJ Membrex		Birthday	09/07/1978
Paris 15		Blood group	A
Tel : +33(0)1 47 35 44 12		Weight	88.0 Kg
Mail: info@spectrolabo.com		Height	190 cm

Minerals - Bilan		Patient	Paul Jean
		Date	11/01/2018
Calcium	Ca 500.4	200 - 600	LOW OPTIMAL HIGH
Magnesium	Mg 36.3	20 - 70	
Phosphorus	P 12.2	105 - 200	

PATIENT FOLLOW-UP

This test makes it possible to optimise patient management (investigations, nutrition, dietary supplementation, physical exercise etc.) and to monitor them over time.



BLOOD AND URINE TESTS, WHAT IS THE DIFFERENCE?

Spectrolabo is the first reliable, scientific method of measuring the cellular bioavailability of minerals, trace elements and heavy metals

Measurements of minerals in serum show the levels in the blood at the time when the sample is taken.

Blood serum maintains its mineral levels at the expense of other organs in the body due to its homeostatic mechanism. These levels fluctuate.

Mineral levels measured in urine provide information about the amount of minerals being excreted at a particular moment. These levels also fluctuate.

Analysis of trace minerals in hair shows what has been metabolised in the

past, and it is very sensitive to pollution that affects the hair (dyes, exhaust gases etc.).

When the levels are measured in epithelial cells, this indicates the minerals that have been there for some time, which corresponds more closely to the levels seen in tissues.

Doing this makes it possible to detect minerals that are deficient or present in excess, especially in epithelial cells, sometimes months or even years before serum levels become abnormal.

MARKETING AND INTRODUCTION

Spectrolabo is now being used by health professionals in many countries who wish to obtain a fast, accurate assessment of trace elements, minerals and heavy metals in tissues for their patients.



SpectroLabo

MEASURE YOUR INTRACELLULAR HEAVY METALS, MINERALS AND TRACE ELEMENTS IN SECONDS

NO BLOOD TEST

- Aluminium
- Lead
- Mercury
- Magnesium
- Hg
- Iron
- Zinc
- Calcium
- Pb
- Silver
- Zn
- Mg
- Ag
- Potassium
- Cu
- Copper

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WHAT IS SPECTROPHOTOMETRY ?



It is an optical technology.

This quantitative analysis method involves measuring the absorption or optical density of a chemical substance.

The method is based on the principle of absorption, emission or reflection of light by chemical compounds within a specific range of wavelengths.

Spectrophotometry is used in many different fields: chemistry, pharmaceuticals, environmental science, agro-food, biology, medical/clinical, industrial and others.

In the medical field, spectrophotometry is used to examine tissues.

The laws of physics show that a material can be excited by a ray of light (absorption).

It then responds by producing radiation (emission), within a characteristic frequency spectrum depending on its constituent elements.

Spectrophotometry is a type of radiation that uses this property of materials.

Spectrolabo is a spectrophotometry device which is calibrated for epithelial cells in the palm of the hand.

The analysis is carried out by using light to energize the cell in the skin. This raises it to a higher level of energy so that it emits radiation, which is collected and then analysed by a suitable detector.

The radiation emitted is representative of the bioavailability of intracellular minerals.

Spectrolabo makes it possible to obtain a very precise, comprehensive and fast report on oligo-minerals. It can be used as a guide to nutrition and therefore in preventive health care.

The tool has a very high level of reproducibility, with a maximum margin of error of 1% between continuous and superposed 2 readings.



COMPREHENSIVE TEST WITH IMMEDIATE INTERPRETATION OF THE RESULTS.



In seconds, Spectrolabo can evaluate: minerals, trace elements, oxidative stress and heavy metals.

Spectrolabo can be used by all health care professionals. It allows you to carry out an instant, pain-free test



THE ADVANTAGES OF SPECTROLABO



Simple, comprehensive and fast

ADVANTAGES

- An evaluation of the cellular bioavailability of minerals and trace elements in seconds
- A method for evaluating deficiency and **excess levels** of **minerals**, trace elements and possible heavy **metal toxicity**
- **A comprehensive, personalised test** allowing you to optimise patient management and follow-up
- A service (test) that can be adapted to suit your needs



EASY TO USE

- The spectrophotometer is connected to a computer or tablet using a USB cable
- A Web application (compatible with Windows and Mac OS)
- Secure personal access to an application that is connected to the internet

FAST, COMPREHENSIVE MEASUREMENTS IN THREE STEPS

- 1 Enter the patient's physiological data
- 2 Carry out the measurement by applying the spectrophotometer to the patient's skin
- 3 Receive your report immediately on your computer or tablet (A secure server is used to send and record the data so you can provide follow-up for your patients)

