Intracellular Test for Heavy Metals & Minerals

43 Elements reported:

21 minerals, **15 heavy metals**, & **Vitamins A, B6, B9, B12, C, D, E**

The test is **instant** and is **non-invasive (*Must Know Blood Type!*)**

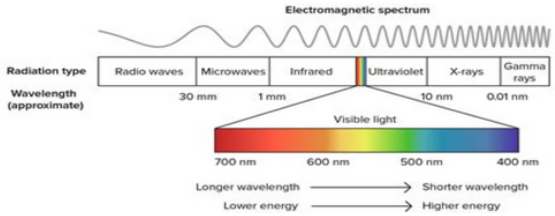
How Spectrophotometry works

Beer-Lambert's Law (1760) states that every known compound absorbs, emits, or reflects light (Electromagnetic Spectrum) over a specific range of wavelengths. The more a sample is concentrated, the more it absorbs the specific light applied

Each element has its own spectrum of color, or Atomic Emission Spectra, and absorbs and reflects light differently based on the elements' properties. Every beam of light is quantized into photons, which you can count. As multiple photons of light are projected, there is a consistent and measurable amount of frequencies, creating momentum.

When the light hits your skin and starts measuring, it has to penetrate at least 1 cell membrane, otherwise, it can not measure at all. When the light shines into the skin, the momentum changes, in which you can gather and calculate how much of the light was absorbed.

The cell membrane is the key difference with Oligoscan. Intracellular, or inside the cell vs Extracellular, or outside the cell.



How It Compares

Blood - Represents what is currently in circulation at that moment. The "Transportation System"of nutrients

Hair Mineral Analysis Test - Represents what the patient has excreted in the past 3 months, via epithelial tissue (Hair)

Urine (Provocation) test - Shows to what extent the body can excrete metals (excretory system)

Oligoscan - Shows the intra-cellular uptake of the minerals, namely through the tissue (including muscle & small capillaries), at a depth of 4mm through the skin

The Destination > *What has been bio-accumulated, via the blood, into the intra-cellular tissue.*

Most Common Mineral/Metal Interactions

P - Phosphorus
Cr - Chromium
Co - Cobalt
Pb - Lead
Fe - Iron
Se - Selenium
Na - Sodium
Ca - Calcium
Ag - Silver
Cd - Cadmium
Hg - Mercury
Al - Aluminum
Cu - Copper
Mn - Manganese
K - Potassium
Mo - Molybdenum
I - Iodine
Mg - Magnesium
Zn - Zinc
Si - Silica
As - Arsenic
F - Florine
S - Sulfur