



How does Toxic Metals and Elements Testing Benefit Your Health?

If you have unexplained symptoms that have not responded to other interventions, ask your medical provider if our simple, noninvasive tests may detect potentially toxic metal exposures from your household or work environment.

By using DiagnosTechs saliva and urine testing, your doctor can determine if your metal and element levels are within a healthy reference range or if they may indicate potentially toxic levels linked to your symptoms. Your medical provider will also ask you about possible occupational exposure, hobbies, diet, and additional environmental factors that may be bringing you into contact with dangerous or toxic levels of these substances.



Left untreated, metal toxicity can have lasting, damaging effects on your health. It is important to work closely with your doctor to ensure that you are following the most effective long-term health and treatment plan for your needs.

For more information, please contact your healthcare provider.

The TME saliva and urine panels test for the following metals and elements:

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Calcium
- Cesium
- Chromium
- Cobalt
- Copper
- Gadolinium
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel
- Palladium
- Phosphorous*
- Platinum
- Rubidium
- Selenium
- Silver
- Strontium
- Thallium
- Thorium
- Tin
- Titanium
- Tungsten
- Uranium
- Vanadium
- Zinc
- Zirconium*

* only available in saliva test.



diagnostechs.com • 1-800-878-3787

©2019 DiagnosTechs, Inc. All rights reserved



Toxic Metals & Elements Panel



The DiagnosTechs **Toxic Metals and Elements Panels** (TME) use accurate, noninvasive salivary and urinary testing to measure 36 different metals and elements to assess potentially harmful levels of toxic metals and other elements that can accumulate in your body over time.

While the human body needs small amounts of certain elements, elevated levels of specific metals and elements can reach toxic levels. Lead, mercury, arsenic and cadmium can be toxic at any level. Dangerous levels of these metals and elements can accumulate in the body from environmental and ordinary household sources as diverse as steel manufacturing, house painting, in the lining of canned goods, pesticides, soil contamination, and silver amalgam dental fillings.



Our Tandem Mass Spectrometer (ICP-MS/MS) provides DiagnosTechs the ability to perform elemental analysis in clinical specimens with unparalleled accuracy, precision, and detection. Salivary/Urinary elemental analysis is intended to give your doctor a test to evaluate exposure to and potential impact of toxic metals, as well as deficient or higher than range levels of essential and trace elements.

Why is it important to test levels of potentially toxic metals and other elements?

- Metals can enter the body through the skin, by inhalation or ingestion.
- Toxicity can result from sudden, severe exposure, or from chronic exposure over time.
- Symptoms can vary depending on the metal involved, the amount absorbed, and the age of the person exposed. For example, young children can be more susceptible to the effects of lead exposure than their adult counterparts.
- If you experience health symptoms due to toxicity, you can work with your doctor to create a treatment plan to help eliminate toxins and improve your quality of life.
- Modifications to environment and lifestyle can remove exposures that may be contributing to the overall toxic body burden.



Our Toxic Metals and Elements Panels can be helpful for you if you are experiencing the following unexplained signs and symptoms:

- Joint and musculoskeletal pain
- Chronic fatigue
- Metabolic disorders (e.g. diabetes) and difficulty losing weight
- Abdominal pain, nausea, vomiting, and diarrhea (hallmark symptoms with most cases of acute metal exposure)
- Anemia (a classic sign of chronic metal exposure)
- Cognitive dysfunction such as memory loss, Parkinson's Disease and "brain fog"
- Neurodegenerative diseases, such as amyotrophic lateral sclerosis (ALS) or Lou Gehrig's disease
- Heart abnormalities such as cardiomyopathy or abnormal heart beat (dysrhythmia)
- Nervous system symptoms (e.g. numbness, tingling of hands and feet, and weakness)
- Skin disorders such as eczema and/or psoriasis
- Autoimmune diseases, including rheumatoid arthritis
- Hypertension
- Renal disease
- Liver disease