

MERCURY, TOXIC METALS, & NUTRIENT TESTING

Are you having trouble getting to the root cause? It might be metals toxicity.



Metal exposure can come from our environment, the water we drink, and the food we eat.

Heavy metal toxicities are known to have an adverse impact throughout the body depending on the type of metal, length of exposure, and how well your detoxification system works. Long term exposure can impact brain health, and the renal, digestive, immune, and nervous systems leading to an increased risk for kidney damage, neuro-behavioral problems, digestive issues, and more.

SYMPTOMS OF METALS TOXICITY

Cognitive or Behavioral Issues	Food Reactions / Sensitivities
Memory Loss	Ongoing Head Discomfort
Nutrient Deficiencies	Mood Dysregulation
Agitation and Ongoing Stress	Incoherent Thoughts
Immune Dysregulation / Excessive Inflammation	Reproductive Problems
Brain Fog	Skin Issues
Excessive Fatigue	Sleep Problems
Involuntary Movements	Weak Nails

Mercury Sources

Methylmercury

Fish & Seafood Consumption

Inorganic Mercury

Inhalation of mercury released by dental amalgams, airborne mercury, demethylation of methyl mercury, certain cosmetics



Mercury Tri-Test®

The Quicksilver Scientific® CLIA-certified laboratory specializes in advanced mercury speciation testing, using the patented Mercury Tri-Test. This test utilizes samples of hair, blood, and urine to assess mercury forms and levels and the body's elimination capabilities. It helps practitioners and patients understand the magnitude and source of mercury exposure, as well as if insert detoxification after additional support is needed.

Quicksilver Scientific's Mercury Tri-Test is the only clinical test available that utilizes mercury speciation analysis, a patented advanced technology that differentiates methyl mercury (MeHg) from inorganic mercury (HgII) and measures each directly. It helps assess the need to reduce fish consumption and/or consider dental amalgam removal. Quicksilver Scientific's testing

instruments are sensitive enough to measure ambient mercury levels in the body without the need for challenge testing. Our laboratory test provides unprecedented information for health-care practitioners, allowing them to assess their patient's exposure sources, body burden, and ability to excrete each form of mercury. This detailed information helps build an informed picture and allows the clinician to plan a rational approach to a successful detoxification strategy for the patient.

Note on Challenge Testing:

The Mercury Tri-Test is a safe way to assess mercury levels without the need for provocation. Challenge testing provides an incomplete picture of the body's burden of mercury and may even be harmful, redistributing mercury to sensitive tissues and organs.

Toxic Metals & Nutrients

Quicksilver Scientific's Blood Metals Panel screens for a broad range of potentially toxic and nutrient metals to show elevated exposure to toxic metals or imbalances of nutrient metals in whole blood. Results from this test can be used as a standalone screening, or to enhance information obtained from the Mercury Tri-Test. Because different protocols or support may be indicated to balance the other

potentially toxic and nutrient elements in the blood, the most effective detoxification protocol can then be selected by a practitioner. This whole-blood elemental metals analysis uses state-of-the-art inductively coupled plasma/mass spectroscopy. The test measures levels for 16 metals, including beneficial nutrient metals and potentially toxic metals.

What's Tested

8 Nutrients: Low or High nutrient levels may impact your health.

- | | | | |
|-------------|--------------|------------|-------------|
| • Calcium | • Copper | • Lithium | • Magnesium |
| • Manganese | • Molybdenum | • Selenium | • Zinc |

8 Toxic Metals: Exposure sources, signs and symptoms vary by metal.

- | | | | |
|------------|-----------|-----------|-------------|
| • Antimony | • Arsenic | • Cadmium | • Cobalt |
| • Lead | • Mercury | • Silver | • Strontium |

**Ask your practitioner
how to get tested!**

These test results are not intended for the diagnosis of disease. They are intended for interpretation by qualified healthcare professionals with a full knowledge of patient history to assist in their administration of an appropriate healthcare regimen.



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