Toxic Element Exposure Hair Testing Kit (Test for 31 Heavy Metals & Toxins)

Advances in technology have resulted to an ever-increasing amount of toxic elements in the environment and even in our own body. These elements may accumulate inside the body and may cause some minor changes. Over the years, however, the alterations can become really extensive that it can trigger several physical abnormalities.

Toxic substances have the ability to damage our nerves and tissues. They play a big role in early neurodevelopment and neurodegenerative disorders like Alzheimer’s disease, Attention-Deficit Hyperactivity Disorder, and Parkinson’s disease. Studies show that such venomous elements can trigger respiratory illness, heart disease, and gastrointestinal disorders, among others. Additionally, long-term exposure to these toxins can put you at high risk for cancer.

The Hair Toxic Element Exposure Profile assesses the level of lethal substances in the body by using only human hair. Scientific literature suggests that if the analysis is accurate, this type of test is a reliable gauge for chronic toxic exposure. Should the levels be elevated, a number of lifestyle and clinical interventions can be implemented to decrease toxin levels. Follow-up hair testing is then needed to evaluate the progress and effectiveness of intervention.

All screening tests have limitations that must be taken into consideration. The correlation between hair element levels and physiological disorders is determined by different factors. Individual variability and compensatory mechanisms are major factors that affect the relationship between the distribution of elements in hair and symptoms and pathological conditions.

It is also very important to keep in mind that scalp hair is vulnerable to external contamination of elements by exposure to hair treatments and products. Likewise, some hair treatments (e.g. permanent solutions, dyes, and bleach) can strip hair of endogenously acquired elements and result in false low values.

Careful consideration of the limitations must be made in the interpretation of results of human hair analysis. The data provided should be considered in conjunction with symptomology, occupation, diet analysis and lifestyle, physical examination and the results of other analytical laboratory tests.

Caution: The contents of this report are not intended to be diagnostic and the physician using this information is cautioned against treatment based solely on the results of this screening test.
Are you feeling bad and don’t know why?
An imbalance of essential minerals or heavy metal toxins can affect your overall wellbeing. You can inquire with your Health Care provider to order this test and process it for you.

This hair toxicity exposure profile test measures the toxic and essential elements in human body. The test is designed to be a screening examination for checking out the levels of 31 different toxins. Here are the elements this hair test measures:

- Arsenic
- Lead
- Mercury
- Cadmium
- Chromium
- Berlium
- Cobalt
- Nickel
- Zinc
- Copper
- Thorium
- Thallium
- Barium
- Cesium
- Manganese
- Selenium
- Bismuth
- Vanadium
- Silver
- Antimony
- Palladium
- Aluminum
- Platinum
- Tungsten
- Tin
- Uranium
- Gold
- Tellurium
- Germanium
- Titanium
- Gadolinium

- An inexpensive way to determine the body's level of exposure to various kinds of chemicals
- Tests for highly toxic substances like lead, arsenic, and mercury.
- Requires only 0.25g of human hair
- CLIA-Accredited Laboratory test
- Quantified detailed results with screenings at microgram/gram levels

So why use human hair as a specimen for this test? Hair is considered an excretory tissue, a part of the body where protein is synthesized. Thus, the elements are integrated into the hair without further equilibration or exchange with other tissues. Unlike other tests which require blood samples and other specimens, this test believes that hair is a temporal record of exposure to toxic elements and valuable substances as well.

The systemic levels of toxic and essential elements found in the human body are the same as the ones measured from scalp hair. Research shows that the human hair is the specimen of choice for various nutrient elements and toxic substances as well.

The CPT Code recommended for processing the office visit for discussing the results of this test are (99201-99215). Depending on the type of the test result and specifics of the visit, one of those CPT Codes could be the best fit.

A lack of these beneficial minerals or too higher levels of the toxic elements can contribute to symptoms such as

- Hair loss
- Weight gain,
- Brittle nails or those with white spots on the fingernails
- Lack of sexual function
- Low immunity
- Foggy or cloudy brain
- Liver problems
Allergies
Chronic fatigue
Fibromyalgia
Depression
Diabetes
Migraines
Insomnia
Muscle pain
Digestive dysfunction
High blood pressure
Osteoporosis
Low appetite
Taste and skin problems