



SALIVA METALS - Test Code 5035



Turnaround Time: 7 business days



Specimen Type: 1 x 5ml Saliva

Description

Saliva metals testing measures the concentration of toxic metals, such as lead, mercury and cadmium, in the body. These metals can accumulate over time from environmental exposure, diet, certain occupations and even dental amalgam fillings, which are commonly made with mercury (Leistevuo et al., 2001). Mercury from amalgam fillings can slowly leach into the body, potentially contributing to neurological, kidney, and immune system damage (Leistevuo et al., 2001).

However, while saliva testing is helpful in detecting metal exposure, it may not always mirror the concentrations found in blood or urine. The level of metals detected in saliva can be influenced by factors such as hydration, oral hygiene, amalgam fillings and the specific metal storage in the body (Leistevuo et al., 2001). Therefore, saliva metals testing is often used in conjunction with other methods to obtain a more comprehensive understanding of metal toxicity (Leistevuo et al., 2001).

Testing for metals in saliva can help identify potential exposure from amalgam fillings and other sources, allowing for early intervention and reducing risks of long-term health issues.

Test Options

- 14 toxic metals: Cr, Co, Mo, Cu, Cd, Ga, Ir, Hg, Ni, Pd, Pt, Rh, Ag, Sn

Conditions and Symptoms

- Gastrointestinal issues
- Gum disease
- Dry mouth
- Neurological issues
- Fatigue
- Headache and Migraines

Complementary Testing

- Red Cell or Whole Blood Metals (Test code 5026)
- Oral Microbiome Mapping (Test code 2200)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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*See NATA and CLIA website for further details