J6-NGS Heavy Metal Testing (L35074)
Mercury, Quantitative

CPT: 83825

Coverage Indications, Limitations, and/or Medical Necessity

The term heavy metal testing is historically used to describe elements such as lead, arsenic, mercury, cadmium, and chromium. In general, all of the heavy metals in inorganic form cause GI irritation, resulting in nausea, vomiting, abdominal pain and diarrhea. The next most consistent toxicity for the heavy metals as a group, but not for every heavy metal, is renal toxicity. A further generalization is that each member of the heavy metal group tends to cause multi-organ toxicity. Many metals cause cutaneous abnormalities, such as irritant and allergic contact dermatitis, urticaria, keratoses, and premalignant and malignant lesions. Several of the heavy metals produce central and peripheral nervous system toxicity. Other metals cause pulmonary illness.

However, before any testing for heavy metal is ordered, a detailed medical history of the patient must be obtained, including a careful documentation of occupational and avocational exposure to these toxins. A complete physical examination must be done. While classified as heavy metals, this policy does not include iron or lithium since the former is typically tested for anemia issues and the latter is typically tested for monitoring of medications. In addition, iron testing is covered under the National Coverage Determination 190.18 (Serum Iron Studies).

Indications

• Mercury. Serum, whole blood, and/or urine mercury testing is covered for beneficiaries with documented industrial exposure to mercury, with a blue line in their mouth, those with a history of laxative abuse, with a history of pesticide exposure, mercury spillage with vacuuming of the liquid metal, unexplained renal failure, or a history of skin lightening treatments.

Limitations

• Testing for the following metals is non-covered: Boron, Phosphorous, Silica, Strontium, Sulfur, Uranium, Vanadium

Visit QuestDiagnostics.com/MLCP to view current limited coverage tests, reference guides, and policy information.
To view the complete policy and the full list of medically supportive codes, please refer to the CMS website reference www.cms.gov.
CMS Policy for Illinois, Michigan, Minnesota, and Wisconsin

Local policies are determined by the performing test location. This is determined by the state in which your performing laboratory resides and where your testing is commonly performed.

The ICD10 codes listed below are the top diagnosis codes currently utilized by ordering physicians for the limited coverage test highlighted above that are also listed as medically supportive under Medicare’s limited coverage policy. If you are ordering this test for diagnostic reasons that are not covered under Medicare policy, an Advance Beneficiary Notice form is required. *Note—Bolded diagnoses below have the highest utilization

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>R27.8</td>
<td>Other lack of coordination</td>
</tr>
<tr>
<td>R27.9</td>
<td>Unspecified lack of coordination</td>
</tr>
<tr>
<td>T56.1X4A</td>
<td>Toxic effect of mercury and its compounds, undetermined, initial encounter</td>
</tr>
<tr>
<td>T56.1X4D</td>
<td>Toxic effect of mercury and its compounds, undetermined, subsequent encounter</td>
</tr>
</tbody>
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