

Mercury, Urine

CPT Code: 82570, 83825

Order Code: 637

ABN Requirement: No

Includes: Mercury, Creatinine (Random Urine)

Specimen: Urine, Random

Volume: 7.0 mL

Minimum Volume: 3.0 mL

Container: Acid-Washed or Metal-free plastic container

Collection:

1. Collect urine sample in an acid-washed or metal-free plastic container.
2. Label container according to standard protocols.

Collection Instructions: Avoid worksite collection.

Note: Tests performed on a specimen submitted in a non-acid washed/non-metal free container may not accurately reflect the patient's level. If a non-trace element tube/container is received, it will be accepted for testing. However, elevated results shall be reported with a message that a re-submission with a trace element tube/container is recommended.

Patient Preparation: Avoid seafood consumption for 48 hours before collection.

Transport: Store urine at 2°C to 8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

Stability:

Ambient (15-25°C): 48 hours

Refrigerated (2-8°C): 5 days

Frozen (-20°C): 14 days

Causes for Rejection: Improper labeling; samples not stored properly; samples older than stability limits

Methodology: Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)

Turn Around Time: 2 to 3 days

Reference Range:

Mercury, Random Urine

Creatinine, Random Urine

Priority Value:

Clinical Significance: Mercury, a highly toxic metal, is present in select industrial environments and in contaminated ocean fish. Urinary measurements are appropriate for assessing ongoing exposure to inorganic mercury.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.