

Zinc

CPT Code: 84630

Order Code: 945

ABN Requirement: No

Synonyms: ZN, Plasma

Specimen: EDTA Plasma

Volume: 2.0 mL

Minimum Volume: 0.7 mL

Container: EDTA (Navy Blue top) tube

Collection:

1. Draw and gently invert 8 to 10 times.
2. Centrifuge for 10 minutes.
3. Pre-squeeze plastic transfer pipet bulb and draw off approximately 2/3 of the upper plasma layer. Do not use glass pipettes.
4. Aliquot plasma into plastic acid-washed or metal-free (trace element) transport tube labeled as "Navy EDTA plasma" and cap tightly. Separate plasma from cells within 2 hours.

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

Requisition Form and Ordering Instructions:

Completion of patient demographic information is required for state reporting. These include patient name, address, phone number, date of birth, and gender.

Stability:

Ambient (15-25°C): 5 days

Refrigerated (2-8°C): 10 days

Frozen (-20°C): 30 days

Causes for Rejection: Improper labeling; samples not stored properly; samples older than stability limits; hemolysis; specimens not separated from cells within 2 hours; samples submitted in non-trace element or non-acid washed containers

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

Turn Around Time: 1 to 3 days

Reference Range:

Clinical Significance: Zinc is an essential element involved in a myriad of enzyme systems including wound healing, immune function, and fetal development. Zinc measurements are used to detect and monitor industrial, dietary, and accidental exposure to zinc. Also, zinc measurements may be used to evaluate health and monitor response to treatment.

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.