

Zinc, Whole Blood

CPT Code: 84630

Order Code: C2499

ABN Requirement: No

Specimen: Whole Blood

Volume: 2.0 mL

Minimum Volume: 0.5 mL

Container: EDTA (Royal Blue top) tube

Collection:

1. Draw and gently invert 8 to 10 times.
2. Label tube with patient information.
3. Store collection tube refrigerated at 2-8°C until ready to ship.

Transport: Store royal blue EDTA whole blood at 2-8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

Special Information: Diet, medication, and nutritional supplements may introduce interfering substances. Patient should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications. Specimens collected in tubes other than royal blue (EDTA), or specimens transported in containers other than a royal blue (EDTA) tube or trace element-free transport tube are unacceptable. Heparin anticoagulant is not acceptable. Clotted specimens will be rejected.

Stability:

Ambient (15-25°C): Indefinite

Refrigerated (2-8°C): Indefinite

Frozen (-20°C): Not Acceptable

Deep Frozen (-70°C): Not Acceptable

Note: If the specimen is drawn and stored in the appropriate tube, the trace element values do not change with time.

Causes for Rejection: Specimens other than Royal Blue EDTA whole blood;

improper labeling; samples not stored properly; samples older than stability limits; clotted specimens; specimens containing heparin anticoagulant

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

Turn Around Time: 3-5 days

Reference Range:

Clinical Information: Zinc concentration in blood has not been shown to change significantly in deficiency or with supplementation. Elevated results may be due to skin or collection-related contamination, including the use of a noncertified metal-free collection/transport tube. If contamination concerns exist due to elevated levels of blood zinc, confirmation with a second specimen collected in a certified metal-free tube is recommended.

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.