

Zinc Protoporphyrins

CPT Code: 84202

Order Code: C2458

ABN Requirement: No

Synonyms: ZPP; Erythrocyte Protoporphyrin

Specimen: Whole Blood

Volume: 1.0 mL

Minimum Volume: 0.2 mL

Container: EDTA (Navy Blue top) tube or EDTA (Lavender 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.

NOTE: If Heavy Metals whole blood testing (Arsenic, Lead, and/or Mercury) is also ordered, two separate EDTA Royal Blue top tubes are required for testing.

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

Stability:

Ambient (15-25°C): 30 hours

Refrigerated (2-8°C): 5 weeks

Frozen (-20°C): Not Acceptable

Deep Frozen (-70°C): Not Acceptable

Causes for Rejection: Specimens other than navy blue EDTA or lavender EDTA whole blood; improper labeling; samples not stored properly; samples older than stability limits; clotted, frozen, or hemolyzed specimens

Methodology: Quantitative Hematofluorometry

Turn Around Time: 3-6 days

Reference Range:

Intended Use: Elevated zinc protoporphyrin results are seen in early and late iron deficiency, the anemia of chronic disease, chronic lead poisoning, and erythropoietic protoporphyria.

Limitations: Elevated bilirubin or riboflavin and hemolyzed, clotted, or improperly aliquoted specimens may falsely increase the zinc protoporphyrin concentration.

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.