

TEST CHANGE

Zinc Protoporphyrin (ZPP), Whole Blood

0020605, ZPP

Specimen Requirements:

Patient Preparation:

Collect: Lavender (EDTA), royal blue (K2EDTA), royal blue (NaHep), ~~tan (K2EDTA)~~, or pink (K2EDTA).

Specimen Preparation: Transport 3 or 6 mL whole blood in the original collection tube. (Min: 0.2 mL)

Transport Temperature: Refrigerated.

Unacceptable Conditions: Clotted, frozen, or hemolyzed specimens.

Remarks:

Stability: Ambient: 30 hours; Refrigerated: 5 weeks; Frozen: Unacceptable

Methodology: Quantitative Hematofluorometry

Note: Elevated ZPP results are seen in early and late iron deficiency, the anemia of chronic disease, chronic lead poisoning, and erythropoietic protoporphyria. Elevated bilirubin or riboflavin and hemolyzed, clotted, or improperly aliquoted specimens may falsely increase the ZPP concentration.

A more specific test for free protoporphyrin is Porphyrins, Serum Total (0080429). Erythrocyte Porphyrin (EP), Whole Blood (0020610), measures free protoporphyrin and zinc protoporphyrin.

CPT Codes: 84202

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

This test was performed on the ProtoFluor Z system manufactured by Helena Laboratories. The result is not comparable to results obtained from extraction-based methods or from the AVIV ZPP system.

Reference Interval:

~~0-69 umol ZPP/ mol Hem~~

Test Number	Components	Reference Interval
	Zinc Protoporphyrin (ZPP) WholeBld Ratio	0-69 umol ZPP/ mol Hem

