

Patient ID 321	Patient Name TEST REF LAB, VALIDATION LABELS	Birth Date 2023-12-28	Sex M	Age 3 W
Order Number X100452326	Client Order Number X100452326	Ordering Physician UNKNOWN, PROVIDER	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 22 Jan 2024 10:00		

Lead Profile Occ Exposure, B

Lead, B

1.3 mcg/dL

1 SDL

Reference Value
<3.5


The Occupational Safety and Health Administration (OSHA) recommended limit for blood lead level is 40 mcg/dL (OSHA 1978). The biological exposure index (BEI) for Pb in blood of exposed workers is 20 mcg/dL (ACGIH 2018).

ADDITIONAL INFORMATION

Testing performed by Inductively Coupled Plasma-Mass Spectrometry (ICP-MS).

Protoporphyrins, Fractionation, WB

Zinc-Complexed Protoporphyrin

47 mcg/dL

MCR

Reference Value
<60

Free Protoporphyrin

19 mcg/dL

MCR

Reference Value
<20

Interpretation

1 MCR

In this sample, the protoporphyrin profile was normal. For occupational lead exposure monitoring, OSHA requires Zinc Protoporphyrin (ZPP) testing as part of the evaluation and that the ZPP be reported in micrograms/dL. The current OSHA occupational threshold for ZPP elevation associated with potential long-term (chronic) lead exposure is 100 mcg/dL.

Reviewed By: Colleen Landon

ADDITIONAL INFORMATION

High-Performance Liquid Chromatography (HPLC) with fluorescence detection

Patient Demographics

Venous/Capillary

Venous

SDL

Patient City

Rochester

SDL

Patient Street Address

TEST 25th St NW

SDL

Patient State

MN

SDL

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55905	William G. Morice M.D. Ph.D.	24D1040592
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D.	24D0404292

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Patient Zip Code	SDL	Guardian Last Name	SDL
55901		Krudwig	
Patient County	SDL	Health Care Provider Name	SDL
Olmsted		Mayo	
Patient Home Phone	SDL	Health Care Provider Street Address	SDL
507-555-TEST		TEST 200 First St NW	
Patient Race	SDL	Health Care Provider City	SDL
white		Rochester	
Patient Ethnicity	SDL	Health Care Provider State	SDL
Irish		MN	
Patient Occupation	SDL	Health Care Provider Zip Code	SDL
IT		55901	
Patient Employer	SDL	Health Care Provider Phone	SDL
Mayo Clinic		507-555-MAYO	
Guardian First Name	SDL	Submitting Laboratory Phone	SDL
Ann		555-Lab-TEST	
		Received: 29 Jan 2024 08:46	Reported: 29 Jan 2024 11:00

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

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