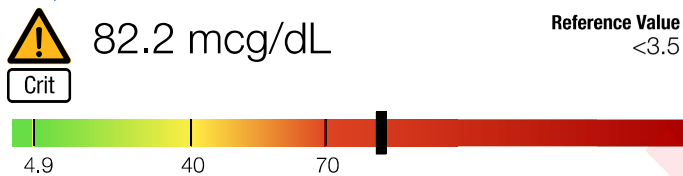


|                                                       |                                                        |                                                |                 |                  |
|-------------------------------------------------------|--------------------------------------------------------|------------------------------------------------|-----------------|------------------|
| Patient ID<br><b>321</b>                              | Patient Name<br><b>TEST REF LAB, VALIDATION LABELS</b> | Birth Date<br><b>1973-05-01</b>                | Sex<br><b>F</b> | Age<br><b>50</b> |
| Order Number<br><b>X100453195</b>                     | Client Order Number<br><b>X100453195</b>               | Ordering Physician<br><b>UNKNOWN, PROVIDER</b> | Report Notes    |                  |
| Account Information<br><b>C7028846 DLMP Rochester</b> |                                                        | Collected<br><b>28 Jan 2024 10:00</b>          |                 |                  |

## Lead Profile Occ Exposure, B

### Lead, B



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). Result above critical value of  $\geq 70$  mcg/dL.

#### ADDITIONAL INFORMATION

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

## Protoporphyrins, Fractionation, WB

### Zinc-Complexed Protoporphyrin

**5 mcg/dL**

### Free Protoporphyrin

**200 mcg/dL**

High

MCR  
Reference Value  
<60

MCR  
Reference Value  
<20

### Interpretation

In this sample, the concentration of free (non-complexed) protoporphyrin is consistent with a diagnosis of erythropoietic protoporphyria (EPP). Consider molecular genetic analysis for confirmation (MCL test PCGP).

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

2428 Test Avenue

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       |

|                                                       |                                                        |                                               |                 |                  |
|-------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------|-----------------|------------------|
| Patient ID<br><b>321</b>                              | Patient Name<br><b>TEST REF LAB, VALIDATION LABELS</b> | Birth Date<br><b>1973-05-01</b>               | Sex<br><b>F</b> | Age<br><b>50</b> |
| Order Number<br><b>X100453195</b>                     | Client Order Number<br><b>X100453195</b>               | Ordering Physician<br><b>UNKNOWN,PROVIDER</b> | Report Notes    |                  |
| Account Information<br><b>C7028846 DLMP Rochester</b> |                                                        | Collected<br><b>28 Jan 2024 10:00</b>         |                 |                  |

|                            |     |                                            |                                    |
|----------------------------|-----|--------------------------------------------|------------------------------------|
| <b>Patient Zip Code</b>    | SDL | <b>Guardian Last Name</b>                  | SDL                                |
| 55901                      |     | Testing                                    |                                    |
| <b>Patient County</b>      | SDL | <b>Health Care Provider Name</b>           | SDL                                |
| Olmsted                    |     | Dr. Mayo                                   |                                    |
| <b>Patient Home Phone</b>  | SDL | <b>Health Care Provider Street Address</b> | SDL                                |
| 555-pts-test               |     | 123 200 Test St. NW                        |                                    |
| <b>Patient Race</b>        | SDL | <b>Health Care Provider City</b>           | SDL                                |
| white                      |     | Rochester                                  |                                    |
| <b>Patient Ethnicity</b>   | SDL | <b>Health Care Provider State</b>          | SDL                                |
| german                     |     | MN                                         |                                    |
| <b>Patient Occupation</b>  | SDL | <b>Health Care Provider Zip Code</b>       | SDL                                |
| clerical                   |     | 55901                                      |                                    |
| <b>Patient Employer</b>    | SDL | <b>Health Care Provider Phone</b>          | SDL                                |
| Mayo                       |     | 555-555-test                               |                                    |
| <b>Guardian First Name</b> | SDL | <b>Submitting Laboratory Phone</b>         | SDL                                |
| Ann                        |     | 555-lab-test                               |                                    |
|                            |     | <b>Received:</b> 30 Jan 2024 11:16         | <b>Reported:</b> 30 Jan 2024 12:18 |

**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.

**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       |
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