

Patient ID SA00715229	Patient Name SAMPLEREPORT, PEWE ABN	Birth Date 1999-06-16	Gender F	Age 21
Order Number SA00715229	Client Order Number SA00715229	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 12 Aug 2020 12:00		

Porphyrin Evaluation, RBC

Total Porphyrins, RBC


111 mcg/dL


MCR

Reference Value
<80

Interpretation

① MCR

Because the total porphyrin concentration in this blood sample exceeded 80 mcg/dL, additional fractionation testing will be performed to identify and quantitate the specific protoporphyrin analytes. An interpretive comment and the concentrations for each protoporphyrin fraction present will be provided in the fractionation report. Reviewed By: Colleen Landon

ADDITIONAL INFORMATION

Spectrofluorometry

Total cell suspension

2.4 mL

MCR

Packed cell volume

1.2 mL

MCR

Received: 13 Aug 2020 12:45

Reported: 13 Aug 2020 12:53

Protoporphyrins, Fractionation, RBC

Zinc-Complexed Protoporphyrin


73 mcg/dL


MCR

Reference Value
<60

Free Protoporphyrin


38 mcg/dL


MCR

Reference Value
<20

Interpretation

① MCR

In this sample, the concentration of both protoporphyrin fractions was mildly elevated. These findings might be related to iron deficiency anemia, heavy metal (lead) intoxication or exposure to various organic chemicals. Patients with symptomatic erythropoietic protoporphyria or X-linked dominant protoporphyria typically demonstrate with much higher free protoporphyrin values.

Reviewed By: Colleen Landon

ADDITIONAL INFORMATION

High-Performance Liquid Chromatography (HPLC) with fluorescence detection

Total cell suspension

2.4 mL

MCR

Packed cell volume

1.2 mL

MCR

Received: 13 Aug 2020 12:45

Reported: 17 Aug 2020 08:22

Performing Site Legend

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