

Patient ID 321	Patient Name IMPLEMENTATION, TEST T	Birth Date 1973-05-01	Sex F	Age 52
Order Number X100510561	Client Order Number X100510561	Ordering Physician UNKNOWN, PROVIDER	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 30 Sep 2025 09:00		

Porphyrins, QN, Random, U

Uroporphyrin, Octa

 **20.7 mcmol/mol Cr**
High

MCR
Reference Value
≤3.1

Heptacarboxylporphyrins

 **12.4 mcmol/mol Cr**
High

MCR
Reference Value
≤0.9

Hexacarboxylporphyrins

 **10.3 mcmol/mol Cr**
High

MCR
Reference Value
≤0.3

Pentacarboxylporphyrins

 **7.9 mcmol/mol Cr**
High

MCR
Reference Value
≤1.2

Coproporphyrin, Tetra

3.8 mcmol/mol Cr

MCR
Reference Value
≤25.0

Porphobilinogen

0.2 mmol/mol Cr

MCR
Reference Value
≤0.2

Aminolevulinic Acid, U

0.7 mmol/mol Cr

MCR
Reference Value
≤2.3

Interpretation

1 MCR

In this sample, the porphyrins profile is consistent with a biochemical diagnosis of porphyria cutanea tarda (PCT). The majority of PCT cases are secondary to liver disease (i.e. hemochromatosis, hepatitis, cirrhosis, etc.). If an inherited form of PCT is suspected, consider erythrocyte uroporphyrinogen decarboxylase analysis (MCL test UPGD) and molecular genetic analysis of UROD gene (included in MCL test PCGP).

ADDITIONAL INFORMATION

High-Performance Liquid Chromatography (HPLC) with fluorescence detection and Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)

Reviewed By

Colleen Landon

MCR

Received: 01 Oct 2025 14:32

Reported: 01 Oct 2025 14:55

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
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	Nikola Baumann Ph.D.	24D0404292