

Patient ID SA00565134	Patient Name TESTPATIENT, PQNU	Birth Date 1996-06-19	Gender F	Age 23
Order Number SA00565134	Client Order Number SA00565134	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 24 Jun 2019 00:00		

Porphyrins, QN, U

Collection Duration

24 h

MCR

Urine Volume

900 mL

MCR

Uroporphyrin, Octa

6 nmol/24 h

MCR

Reference Value
≤30

Heptacarboxylporphyrins

4 nmol/24 h

MCR

Reference Value
≤9

Hexacarboxylporphyrins

1 nmol/24 h

MCR

Reference Value
≤8

Pentacarboxylporphyrins

 69 nmol/24 h

High

MCR

Reference Value
≤10

Coproporphyrin, Tetra

 220 nmol/24 h

High

MCR

Reference Value
≤168

Porphobilinogen

0.9 mcmol/24 h

MCR

Reference Value
≤2.2

Interpretation

1 MCR

In this sample, the excretion of coproporphyrin and pentacarboxylporphyrin was elevated. If consistent with clinical presentation, consider a possible diagnosis of hereditary coproporphyrin or variegate porphyria. Alternatively, these findings can be related to an increased stimulation of the heme forming system by a stressor, such as a medication (sulfonamides, aminopyrine or diallyl barbiturate), a physiologic steroid or by a heavy metal, such as lead, blocking enzyme activities in the cascade. If clinically indicated, consider fecal porphyrins profile analysis.

Please contact the Biochemical Genetics consultant on call (1-800-533-1710) if you have any questions.

ADDITIONAL INFORMATION

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

Received: 25 Jun 2019 11:13

Reported: 25 Jun 2019 11:19

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
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905