

Patient ID SA00057426	Patient Name SAMPLEREPOR, PQNU	Birth Date 1966-06-10	Gender F	Age 46
Order Number SA00057426	Client Order Number SA00057426	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 13 May 2013 00:00		

Porphyryns, QN, U

Collection Duration

24 h

MCR

Urine Volume

1000 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


 76 nmol/24 h

MCR

Reference Value
≤10

High

Coproporphyrin, Tetra

 260 nmol/24 h

MCR

Reference Value
≤168

High

Porphobilinogen

1.0 mcmol/24 h

MCR

Reference Value
≤2.2

Interpretation

MCR

In this sample, the excretion of coproporphyrin and pentacarboxylporphyrin was elevated. If consistent with clinical presentation, consider a possible diagnosis of hereditary coproporphyrinemia 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: 14 May 2013 14:39

Reported: 14 May 2013 14:40

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905