

Reporting Title: Porphyrins, QN, Random, U

Performing Location: Rochester

Ordering Guidance:

This random urine test should be ordered when the specimen will reach Mayo Clinic Laboratories within 72 hours. If transportation will take longer than 72 hours, order PQNU / Porphyrins, Quantitative, 24 Hour, Urine.

Shipping Instructions:

[Ship specimen in amber bottle to protect from light.](#)

Necessary Information:

Include a list of medications the patient is currently taking.

Specimen Requirements:

Patient Preparation: Patient **should not** consume any alcohol for the 24 hours before specimen collection.

Supplies: Urine Container - Amber, 60 mL (T596)

Container/Tube: Amber, 60-mL urine container

Specimen Volume: 20 to 50 mL

Collection Instructions: Collect a random urine specimen.

Forms:

[If not ordering electronically, complete, print, and send a Biochemical Genetics Test Request](#) (T798) with the specimen.

Specimen Type	Temperature	Time	Special Container
Urine	Frozen	72 hours	LIGHT PROTECTED

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
32332	Uroporphyrin, Octa	Numeric	nmol/L	25166-0
32333	Heptacarboxylporphyrins	Numeric	nmol/L	34314-5
32334	Hexacarboxylporphyrins	Numeric	nmol/L	96795-0
32335	Pentacarboxylporphyrins	Numeric	nmol/L	34352-5
32336	Coproporphyrin, Tetra	Numeric	nmol/L	25167-8
32337	Porphobilinogen	Numeric	mcmol/L	2811-8
32338	Interpretation	Alphanumeric		49291-8

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

84110-Porphobilinogen, quantitative

84120-Porphyrins, quantitation and fractionation

Reference Values:

UROPORPHYRINS, OCTA:

< or =30 nmol/L

HEPTACARBOXYLPORPHYRINS:

< or =7 nmol/L

HEXACARBOXYLPORPHYRINS:

< or =2 nmol/L

PENTACARBOXYLPORPHYRINS:

< or =5 nmol/L

COPROPORPHYRINS, TETRA:

< or =110 nmol/L

PORPHOBILINOGEN:

< or =1.3 mcmol/L