

Specimen Collected: 11-Mar-24 08:56

| Porphyryns and Porphobilinogen Procedure | Received: 11-Mar-24 09:02 | Report/Verified: 11-Mar-24 09:05 | Result | Units | Reference Interval |
|--|---------------------------|----------------------------------|------------------------|--------------|--------------------|
| Hours Collected | | | 24 ^{f1} | hr | |
| Total Volume | | | 800 | mL | |
| Creatinine,Urine -per volume | | | 150 | mg/dL | |
| Creatinine,Urine -per 24h | | | 1200 | mg/d | [800-2100] |
| Uroporphyrin -ratio to CRT | | | 2 | umol/mol CRT | [0-4] |
| Heptacarboxylate -ratio to CRT | | | 2 | umol/mol CRT | [0-2] |
| Coproporphyrin I -ratio to CRT | | | 2 | umol/mol CRT | [0-6] |
| Coproporphyrin III -ratio to CRT | | | 2 | umol/mol CRT | [0-14] |
| Porphyrin Urine Interpretation | | | Negative ⁱ¹ | | |
| Porphobilinogen (PBG),Urine -per volume | | | 2.0 ⁱ² | umol/L | |
| Porphobilinogen (PBG),Urine -per 24h | | | 1.6 [#] | umol/d | [0.4-1.5] |
| Porphobilinogen,Urine -ratio to CRT | | | 0.2 | mmol/mol CRT | [0.0-0.2] |
| Porphobilinogen Interpretation | | | See Note ⁱ³ | | |

Result Footnote

f1: Hours Collected

Per 24h calculations are provided to aid interpretation for collections with a duration of 24 hours and an average daily urine volume. For specimens with notable deviations in collection time or volume, ratios of analytes to a corresponding urine creatinine concentration may assist in result interpretation.

Test Information

i1: Porphyrin Urine Interpretation

INTERPRETIVE INFORMATION: Porphyryns, Fractionation and Quantitation, Urine

Results are normalized to creatinine concentration and reported as a ratio of amounts (micromoles of porphyrin/moles of creatinine).

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

i2: Porphobilinogen (PBG), Urine -per volume

i3: Porphobilinogen Interpretation

INTERPRETIVE INFORMATION: Porphobilinogen Interpretation

Porphobilinogen (PBG), Urine

Results for random urine specimens are normalized to creatinine (CRT) concentration and reported as a ratio of amounts (millimoles of PBG/mole of creatinine). Porphobilinogen (PBG) in a random urine specimen is used to evaluate an

*=Abnormal, #=Corrected, C=Critical, f=Result Footnote, H-High, i-Test Information, L-Low, t-Interpretive Text, @=Performing lab

Unless otherwise indicated, testing performed at:

ARUP Laboratories

500 Chipeta Way, Salt Lake City, UT 84108

Laboratory Director: Jonathan R. Genzen, MD, PhD

ARUP Accession: 24-071-900020

Report Request ID: 19127599

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Test Information

i3: Porphobilinogen Interpretation
attack of acute porphyria. Slight increases in urinary PBG are associated with acute porphyrias other than acute intermittent porphyria (AIP) and may indicate a resolving or treated acute porphyria. Urinary PBG in excess of two times the upper reference limit is consistent with acute porphyria.

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