

PORPHYRINS
SCREEN AND
QUANTITATION
RANDOM
URINE

Orderable - PORU

Turnaround Time: 10 days



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Spectrophotometry and
HPLC



Test Schedule:
Referred out Monday-
Thursday



Referred Out Location:
[In-Common Laboratories](#)

Alternate Name(s):

Uroporphyrin III
Heptacarboxylic Acid
Hexacarboic Acid
Pentacarboxylic Acid
Coproporphyrin I
Coproporphyrin III

Specimen:

Random Urine

Collection Information:

Collect urine in a sterile container with no preservative. Protect from light and send to the lab as soon as possible.

Minimum volume of urine required is 20 mL.

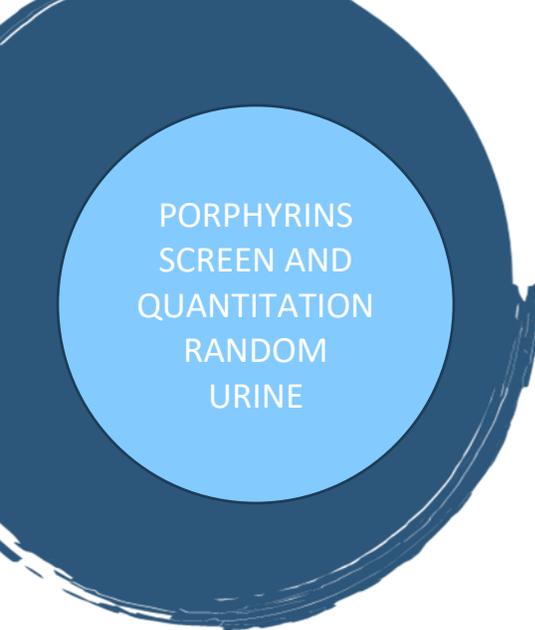
This collection is not suitable for ALA/PBG testing. See "Porphyrin Precursors" for ALA/PBG testing.

Reference Ranges:

Screen: Normal

Uroporphyrin III:	≤2.0 nmol/mmol Cr
Heptacarboxylic Acid:	≤1.3 nmol/mmol Cr
Hexacarboic Acid:	≤0.7 nmol/mmol Cr
Pentacarboxylic Acid:	≤1.0 nmol/mmol Cr
Coproporphyrin I:	0.3-8.5 nmol/mmol Cr
Coproporphyrin III:	1.7-26.3 nmol/mmol Cr
Copro III/Copro I ratio:	2.6-5.3

Interpretation provided on report.



PORPHYRINS
SCREEN AND
QUANTITATION
RANDOM
URINE

Reference intervals are for adults only and are not available for individuals 17 years of age or younger.

Special Processing:

pH should be adjusted to 8-10 with sodium carbonate immediately upon receipt in the lab. Keep specimen protected from light. Store and ship urine frozen.

Comments:

Screen will be performed first. Quantitation will automatically be performed (and billed) if preliminary screen is positive.

Storage and Shipment:

Store and ship urine frozen and protected from light.