

Reporting Title: Porphyrins, F
Performing Location: Rochester

Necessary Information:

- 1. Weight of the non-homogenized sample
- 2. Collection duration
- 3. Include a list of medications the patient is currently taking

Specimen Requirements:

Supplies: Stool Containers - 24, 48, 72 Hour Kit (T291)

Container/Tube: Stool containers

Specimen Volume: Entire collection (48, 72, or 96 hour). 24-Hour collection is adequate if the collection volume is approximately 100 g

Collection Instructions:

- 1. Patient should be instructed to refrain from red meat and aspirin-containing medications for 3 days prior to, as well as during, specimen collection. Compliance should be indicated.
- 2. No barium, laxatives, or enemas may be used within 24 hours of starting, or during, the collection.
- 3. No preservative.

Additional Information:

- 1. Length of collection period is required.
- 2. Specimens smaller than 100 g may not provide interpretable results.
- 3. Include a list of medications the patient is currently taking.

Forms:

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

Specimen Type	Temperature	Time	Special Container
Fecal	Frozen (preferred)	14 days	
	Refrigerated	14 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
FQPPS	TM70	Collection Duration	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
TM70	Collection Duration	Alphanumeric		13363-7
15517	Uroporphyrin I	Numeric	mcg/24 h	26691-6
15518	Uroporphyrin III	Numeric	mcg/24 h	33585-1
15519	Heptacarboxyl I	Numeric	mcg/24 h	49900-4
15520	Heptacarboxyl III	Numeric	mcg/24 h	49901-2
15521	Isoheptacarboxyl	Numeric	mcg/24 h	94549-3

15522	Hexacarboxyl I	Numeric	mcg/24 h	94550-1
15523	Hexacarboxyl III	Numeric	mcg/24 h	94551-9
15524	Isohexacarboxyl	Numeric	mcg/24 h	94552-7
15525	Pentacarboxyl I	Numeric	mcg/24 h	33623-0
15526	Pentacarboxyl III	Numeric	mcg/24 h	33624-8
15527	Isopentacarboxyl	Numeric	mcg/24 h	94553-5
15528	Coproporphyrin I	Numeric	mcg/24 h	23845-1
15529	Coproporphyrin III	Numeric	mcg/24 h	23846-9
15530	Isocoproporphyrin	Numeric	mcg/24 h	33625-5
15534	Protoporphyrin	Numeric	mcg/24 h	2891-0
15545	CoprolIII/Coprol ratio	Alphanumeric		33618-0
W6	Total weight	Alphanumeric		30078-0
81652	Interpretation (FQPPS)	Alphanumeric		59462-2
35013	Reviewed By	Alphanumeric		18771-6

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

Supplemental Report:
No

CPT Code Information:
84126

Reference Values:
UROPORPHYRIN I:
<120 mcg/24 hours

UROPORPHYRIN III:
<50 mcg/24 hours

HEPTACARBOXYL PORPHYRIN I:
<40 mcg/24 hours

HEPTACARBOXYL PORPHYRIN III:
<40 mcg/24 hours

ISOHEPTACARBOXYL PORPHYRINS:
<30 mcg/24 hours

HEXACARBOXYL PORPHYRIN I:
<10 mcg/24 hours

HEXACARBOXYL PORPHYRIN III:
<10 mcg/24 hours

ISOHEXACARBOXYL PORPHYRINS:

<10 mcg/24 hours

PENTACARBOXYL PORPHYRIN I:

<20 mcg/24 hours

PENTACARBOXYL PORPHYRIN III:

<20 mcg/24 hours

ISOPENTACARBOXYL PORPHYRINS:

<80 mcg/24 hours

COPROPORPHYRIN I:

<500 mcg/24 hours

COPROPORPHYRIN III:

<400 mcg/24 hours

ISOCOPROPORPHYRIN:

<200 mcg/24 hours

PROTOPORPHYRINS:

<1,500 mcg/24 hours

COPROPORPHYRIN III/COPROPORPHYRIN I RATIO:

<1.20

See [The Heme Biosynthetic Pathway](#)