

PORPHYRINS  
SCREEN AND  
QUANTITATION  
- FECES

## Orderable - PORST

Turn Around Time: 7 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  
Hexacarboxylic acid  
Pentacarboxylic acid  
Coproporphyrin I  
Coproporphyrin III  
Protoporphyrin

### Specimen:

Faeces

### Collection Information:

**Note:** Quantitative analysis may only be done if a preliminary Porphyrin screen is positive.

Collect a minimum of 50g of faeces in a sterile container.

Protect specimen from light.

Specimen must be labelled inside and outside of the light-protecting wrap.

Store and send frozen.

### Reference Ranges:

Screen: Normal

| Quantitation:         |              |
|-----------------------|--------------|
| Coproporphyrin I:     | ≤13.0 nmol/g |
| Coproporphyrin III:   | ≤12.0 nmol/g |
| Uroporphyrin III:     | ≤1.0 nmol/g  |
| Heptacarboxylic Acid: | ≤1.0 nmol/g  |

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|                       |              |
|-----------------------|--------------|
| Hexacarboxylic Acid:  | ≤1.0 nmol/g  |
| Pentacarboxylic Acid: | ≤1.0 nmol/g  |
| Protoporphyrin:       | ≤38.0 nmol/g |

All results are reported as nmol/g dry weight.

Interpretation provided on report.

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

### Interpretive Comments:

Porphyrin reference values are not available for individuals 17 years of age and younger.

### Storage and Shipment:

Store and ship frozen and protected from light.

### Comments:

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