

Reporting Title: Fatty Acid Profile, Peroxisomal, S
Performing Location: Rochester

Necessary Information:

- 1. Patient's age and sex is required.
- 2. [Biochemical Genetics Patient Information](#) (T602) is recommended, but not required, to be filled out and sent with the specimen to aid in the interpretation of test results.

Specimen Requirements:

Patient Preparation: Fasting 12 hours or more. (Collect specimens from infants and small children just before next feeding)

Supplies: Sarstedt Aliquot Tube, 5 mL (T914)

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 1.5 mL

Collection Instructions: Centrifuge and aliquot serum into plastic vial.

Forms:

- 1. [Biochemical Genetics Patient Information](#) (T602)
- 2. If not ordering electronically, complete, print, and send a [Biochemical Genetics Test Request](#) (T798) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Frozen (preferred)	92 days	
	Refrigerated	15 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
81369	C22:0	Numeric	nmol/mL	30194-5
7143	C24:0	Numeric	nmol/mL	30195-2
7137	C26:0	Numeric	nmol/mL	30197-8
7138	C24:0/C22:0	Alphanumeric	ratio	30196-0
7139	C26:0/C22:0	Alphanumeric	ratio	30198-6
7140	Pristanic Acid	Numeric	nmol/mL	22761-1
7141	Phytanic Acid	Numeric	nmol/mL	22671-2
7142	Pristanic/Phytanic	Alphanumeric	ratio	30550-8
7144	Comment	Alphanumeric		48767-8

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

Supplemental Report:

No

CPT Code Information:

82726

Reference Values:

C22:0

< or =96.3 nmol/mL

C24:0

< or =91.4 nmol/mL

C26:0

< or =1.30 nmol/mL

C24:0/C22:0 RATIO

< or =1.39

C26:0/C22:0 RATIO

< or =0.023

PRISTANIC ACID

0-4 months: < or =0.60 nmol/mL

5-8 months: < or =0.84 nmol/mL

9-12 months: < or =0.77 nmol/mL

13-23 months: < or =1.47 nmol/mL

> or =24 months: < or =2.98 nmol/mL

PHYTANIC ACID

0-4 months: < or =5.28 nmol/mL

5-8 months: < or =5.70 nmol/mL

9-12 months: < or =4.40 nmol/mL

13-23 months: < or =8.62 nmol/mL

> or =24 months: < or =9.88 nmol/mL

PRISTANIC/PHYTANIC ACID RATIO

0-4 months: < or =0.35

5-8 months: < or =0.28

9-12 months: < or =0.23

13-23 months: < or =0.24

> or =24 months: < or =0.39