

Reporting Title: Fatty Acid Profile, Peroxisomal,P**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:

1. Fasting-overnight (12-14 hours). If fasting not possible for babies or infants, collect specimen prior to next feeding.
2. Patient must not consume any alcohol for 24 hours before the specimen is collected.

Supplies: Sarstedt Aliquot Tube, 5 mL (T914)

Collection Container/Tube:

Preferred: Green top (sodium heparin)

Acceptable: Lavender top (EDTA) or green top (lithium heparin)

Submission Container/Tube: Plastic vial

Specimen Volume: 0.5 mL

Collection Instructions: Centrifuge and aliquot plasma into plastic vial.

Specimen Minimum Volume:

0.15 mL

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
Plasma	Frozen (preferred)	92 days	
	Refrigerated	15 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
36641	C22:0	Numeric	nmol/mL	30194-5
36642	C24:0	Numeric	nmol/mL	30195-2
36643	C26:0	Numeric	nmol/mL	30197-8
36644	C24:0/C22:0	Alphanumeric	ratio	30196-0
36645	C26:0/C22:0	Alphanumeric	ratio	30198-6
36646	Pristanic Acid	Numeric	nmol/mL	22761-1
36647	Phytanic Acid	Numeric	nmol/mL	22671-2
36648	Pristanic/Phytanic	Alphanumeric	ratio	30550-8
36649	Interpretation (POXP)	Alphanumeric		59462-2

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