

Reporting Title: Bile Acids for Peroxisomal D/O, S
Performing Location: Rochester

Ordering Guidance:
For assessment of general liver dysfunction in adults or diagnosis or monitoring of intrahepatic cholestasis of pregnancy, order BAFS / Bile Acids, Fractionated and Total, Serum.

Specimen Requirements:
Patient Preparation: Patient must be fasting for 12 to 14 hours.
Collection Container/Tube:
Preferred: Serum gel
Acceptable: Red top
Submission Container/Tube: Plastic vial
Specimen Volume: 0.5 mL
Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

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

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	90 days	
	Ambient	90 days	
	Frozen	90 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
41446	Dihydroxycholestanoic Acid	Numeric	nmol/mL	53479-2
41447	Trihydroxycholestanoic Acid	Numeric	nmol/mL	38188-9
41448	Total Cholic Acid	Alphanumeric	nmol/mL	30518-5
41449	Total Chenodeoxycholic Acid	Alphanumeric	nmol/mL	30519-3
41450	Total Ursodeoxycholic Acid	Alphanumeric	nmol/mL	55159-8
41451	Total Bile Acids	Alphanumeric	nmol/mL	14628-2

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

Supplemental Report:
No

CPT Code Information:
82542

Reference Values:
Dihydroxycholestanoic acid: < or =0.10 nmol/mL

Trihydroxycholestanoic acid: < or =1.30 nmol/mL
Total cholic acid: < or =5.00 nmol/mL
Total chenodeoxycholic acid: < or =6.00 nmol/mL
Total ursodeoxycholic acid: < or =2.00 nmol/mL
Total bile acids: < or =19.00 nmol/mL