

Reporting Title: Bile Acids, Fractionated and Tot, S

Performing Location: Rochester

Ordering Guidance:

This test is useful in diagnosing intrahepatic cholestasis of pregnancy and does not support the assessment of either peroxisomal biogenesis disorders or inborn errors of bile acid metabolism.

For diagnostic testing for peroxisomal biogenesis disorders, order BAIPD / Bile Acids for Peroxisomal Disorders, 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 [Gastroenterology and Hepatology Test Request](#) (T728) 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®
35796	Total Cholic acid	Alphanumeric	nmol/mL	30518-5
35797	Total Chenodeoxycholic acid	Alphanumeric	nmol/mL	30519-3
35798	Total Deoxycholic acid	Alphanumeric	nmol/mL	30520-1
35799	Total Ursodeoxycholic acid	Alphanumeric	nmol/mL	55159-8
35800	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:

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