



Test Definition: BILEA

Bile Acids, Total, Serum

Reporting Title: Bile Acids, Total, S

Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

Ordering Guidance:

This test is for evaluation of hepatobiliary dysfunction.

For evaluation of bowel dysfunction, order BA48F / Bile Acids, Bowel Dysfunction, 48 Hour, Feces.

For evaluation of patients treated with urso or cholate, order BAFS / Bile Acids, Fractionated and Total, Serum.

For evaluation of inborn errors of metabolism, order BAIPD / Bile Acids for Peroxisomal Disorders, Serum.

Specimen Requirements:

Patient Preparation:

Fasting: 12 hours, required; Infants and pregnant patients do not need to fast.

Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 0.5 mL

Collection Instructions:

1. Serum gel tubes should be centrifuged within 2 hours of collection.
2. Red-top tubes should be centrifuged and serum aliquoted into plastic vial within 2 hours of collection.

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)	7 days	
	Ambient	24 hours	
	Frozen	30 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
BILEA	Bile Acids, Total, S	Numeric	mcmol/L	14628-2

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

Supplemental Report:

No

CPT Code Information:

82239

Reference Values:

< or =10 mcmol/L

Reference interval applies to fasting total bile acid concentrations.