

Reporting Title: Bile Acids, Bowel Dysfunc, 48 Hr, F
Performing Location: Rochester

Ordering Guidance:
This test is for evaluation of bowel dysfunction.

For evaluation of hepatobiliary dysfunction, order BILEA / Bile Acids, Total, Serum.
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:
For 3 days prior to and during the collection period:

1. Patient should be on a fat-controlled diet (100-150 g fat per day)
2. No laxatives (particularly mineral oil and castor oil)
3. No synthetic fat substitutes (eg, Olestra) or fat-blocking nutritional supplements

Supplies: Stool Containers - 24, 48, 72 Hours Kit (T291)
Collection Container/Tube: Stool container (T291); complies with shipping requirements, do not use other containers
Specimen Volume: Entire 48-hour collection

Collection Instructions:

1. Do not use other containers.
2. All containers must be sent together.
3. The entire collection must contain at least 5 g of feces.
4. The number of containers sent should be indicated on the labels (1 of 4, for example).

Additional Information:

1. Patient may store sample at refrigerate temperature during collection period.
2. Barium interferes with test procedure; a waiting period of 48 hours before stool collection analysis is recommended.

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
Fecal	Frozen	30 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
36968	Bile Acids, % CDCA + CA, F	Alphanumeric	% total	93337-4
36969	Total Bile Acids, F	Alphanumeric	mcmol/48h	93336-6
610285	Stool Weight	Alphanumeric		30078-0

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

Supplemental Report:

No

CPT Code Information:

82542

Reference Values:

> or = to 18 years:

Sum of cholic acid and chenodeoxycholic acid < or =9.7%

Total bile acids < or =2619 mcmoles/48 hours

Reference values have not been established for patients who are <18 years of age