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**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.

**Specimen Minimum Volume:**

5 g

**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	

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**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 mcmol/48 hours

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