

Reporting Title: Alpha-1-Antitrypsin Clearance
Performing Location: Rochester

Ordering Guidance:
The recommended procedure for protein-losing enteropathy is A1AFS / Alpha-1-Antitrypsin Clearance, Feces and Serum.

Shipping Instructions:
Feces and serum should be shipped together. Specimens shipped separately may delay testing.

Specimen Requirements:
Both feces and serum are required.

Blood **must** be drawn during the stool collection period.

Specimen Type: Serum
Collection Container/Tube: Red top or serum gel
Submission Container/Tube: Plastic vial
Specimen Volume: 1 mL
Collection Instructions:
1. Centrifuge within 2 hours.
2. Aliquot and ship in plastic vial.

Specimen Type: Feces
Supplies: Stool Containers - 24, 48, 72 Hour Kit (T291)
Container/Tube: Stool container
Specimen Volume: Entire collection
Collection Instructions:
1. Collect a 24-hour fecal collection.
2. If no specimen is obtained within 24 hours, extend collection time to 48 to 72 hours. Document time frame.

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 (preferred)	14 days	
	Ambient	14 days	
	Refrigerated	14 days	
Serum	Frozen (preferred)	28 days	
	Ambient	28 days	
	Refrigerated	28 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
A1ATF	HOURS	Hours	Answer List	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
AAT24	Alpha-1-Antitrypsin, 24 Hr, F	Numeric	mg/dL	9407-8
CRCLR	Clearance	Numeric	mL/24 h	18271-7
AATS	Alpha-1-Antitrypsin, S	Numeric	mg/dL	6771-0

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

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
AATS	Alpha-1-Antitrypsin, S	1	82103	Yes	No
A1ATF	Alpha-1-Antitrypsin, 24 Hr, F	1	82103	Yes	No

CPT Code Information:

82103 x 2

Reference Values:

CLEARANCE:

< or =27 mL/24 hours

FECAL ALPHA-1-ANTRYPSIN CONCENTRATION:

< or =54 mg/dL

SERUM ALPHA-1-ANTRYPSIN CONCENTRATION:

100-190 mg/dL