

Reporting Title: A1AT Proteotype S/Z, LC-MS/MS, S**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive**Specimen Requirements:****Supplies:** Sarstedt Aliquot Tube, 5 mL (T914)**Collection Container/Tube:****Preferred:** Red top**Acceptable:** Serum gel**Submission Container/Tube:** Plastic vial**Specimen Volume:** 1.25 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)	28 days	
	Ambient	28 days	
	Frozen	28 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
AATP	Alpha-1-Antitrypsin, S	Numeric	mg/dL	6771-0
34855	A1AT Proteotype S/Z, LC-MS/MS	Alphanumeric		49244-7

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
A1ASZ	A1AT Proteotype S/Z, LC-MS/MS	1	82542	Yes	No
AATP	Alpha-1-Antitrypsin, S	1	82103	Yes	Yes, (order AAT)

CPT Code Information:

82103

82542

82104 (if appropriate)

Test Definition: A1ALC

Alpha-1-Antitrypsin Proteotype S/Z,
LC-MS/MS, Serum

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
A1APR	Alpha-1-Antitrypsin Phenotype, S	1	82104	No	Yes, (order A1APP)

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
A1APR	80494	Alpha-1-Antitrypsin Phenotype	Alphanumeric	bands	32769-2

Reference Values:

ALPHA-1-ANTITRYPSIN:

100-190 mg/dL

ALPHA-1-ANTITRYPSIN PROTEOTYPE:

Negative for S and Z phenotype (Non S Non Z)