

TEST STATUS - NEW TEST**Notification Date:** December 19, 2024**Effective Date:** January 29, 2025**Test Name: Alpha-1-Antitrypsin, Serum and Plasma****Test ID:** LAB810**Explanation:** On the effective date, Vanderbilt Medical Laboratories at MetroCenter will perform alpha-1-antitrypsin biochemical testing to provide rapid turnaround times for patient care.**Useful For:** Measurement of alpha-1-antitrypsin (A1AT) levels to aid in the evaluation of alpha-1-antitrypsin deficiency.**Methodology:** Immunoturbidimetric**Reference Interval:** 90 – 200 mg/dL**Specimen Requirements:**

Specimen Type:	Serum
Alternate Specimen:	Light Green (Lithium Heparin with Gel)
Container/Tube:	Gold Top (Clot Activator with Gel)
Specimen Preparation:	Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection.
Specimen Volume:	Fill to the Indicator Line.
Pediatric Collection:	1 Gold Microtainer
Storage/Transport Temperature:	Refrigerated (2-8 °C)

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum/Plasma	2-8 °C	3 Months
	15-25 °C	7 Days
	Frozen	3 Months

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Reasons for Rejection: Hemolysis, improper collection container, insufficient volume for testing, sample outside of stability limits.

CPT Code(s): 82103

Days(s) Performed: Daily

Report Available: Continuous

Note: The following referral test code will become obsolete.

Test Name	Test ID	Referral Lab Code	Referral Lab
Alpha-1-Antitrypsin	LAB6068	0050001	ARUP

Questions: Please get in touch with Vanderbilt Medical Laboratories Customer Service at 615-875-5227 (5-LABS) or 800-551-5227 or visit our website: [Home | Vanderbilt Medical Laboratories \(vumc.org\)](http://vumc.org)