

ALPHA 1-  
ANTITRYPSIN,  
SERUM/  
PLASMA

## Orderable – A<sub>1</sub>AT

Turnaround Time: 5 days

### Alternate Name(s):

Alpha Protease Inhibitor

### Specimen:

Adult	Pediatric
5 mL Gold top Vacutainer tube	0-2 years: 0.5 mL Red or Gold top Microtainer 2-10 years: 3 mL Red top Vacutainer tube
Light Green (Li-Heparin) or Lavender (EDTA) top tubes are also acceptable	

### Collection Information:

Minimum volume of serum or plasma required is 360 µL for adult samples or 150 µL for pediatric samples.

### Reference Ranges:

0.90-2.00 g/L

### Interpretive Comments:

Patients with homozygous deficiency of alpha 1-antitrypsin usually have levels less than 0.6 g/L.

Levels rise in acute phase reaction.

### Storage and Shipment:

Store and ship serum or plasma refrigerated. Frozen serum or plasma is also acceptable.



**Laboratory:**  
Clinical Immunology Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Turbidimetry



**Test Schedule:**  
Monday-Friday  
0800-1600