

***Medical Genetics***  
**Wake Forest University School of Medicine**  
**Winston Salem NC**  
Phone: 336-716-4321 Fax: 336-716-2554

**Test: Alpha-1 antitrypsin**

**Purpose of Test:** To serve as an aid in the diagnosis of several conditions including juvenile and adult cirrhosis of the liver and pulmonary emphysema.

**Specimen Required:** Please provide indications and ICD-9 codes for testing on our referral form with each specimen. Accurate testing and interpretation may otherwise be compromised.

**Peripheral Blood**

- A peripheral blood sample should be collected by venepuncture (red top tube), allowed to clot naturally and the serum separated as soon as possible to prevent hemolysis.
- The serum may be stored up to 48 hours in a refrigerator at 2-8°C prior to the assay, or for prolonged storage kept at -20°C.

**Average Turn around Time:** 72 hours

**CPT Code Information:**

82103 Alpha 1 Antitrypsin