

Reporting Title: Antithrombin Activity, P

Performing Location: Rochester

Ordering Guidance:

Coagulation testing is highly complex, often requiring the performance of multiple assays and correlation with clinical information. For that reason, consider ordering AATHR / Thrombophilia Profile, Plasma and Whole Blood.

Specimen Requirements:

Specimen Type: Platelet-poor plasma

Collection Container/Tube: Light-blue top (3.2% sodium citrate)

Submission Container/Tube: Plastic vial

Specimen Volume: 1 mL

Collection Instructions:

- For complete instructions, see [Coagulation Guidelines for Specimen Handling and Processing](#).
 - Centrifuge, transfer all plasma into a plastic vial, and centrifuge plasma again.
 - Aliquot plasma into a plastic vial leaving 0.25 mL in the bottom of centrifuged vial.
 - Freeze plasma immediately (no longer than 4 hours after collection) at -20 degrees C or, ideally at -40 degrees C or below.
- Additional Information:**
- A double-centrifuged specimen is critical for accurate results as platelet contamination may cause spurious results.
 - Each coagulation assay requested should have its own vial.
 - Heparin treatment may lower plasma antithrombin.

Forms:

[If not ordering electronically, complete, print, and send a Coagulation Test Request](#) (T753) with the specimen.

Specimen Type	Temperature	Time	Special Container
Plasma Na Cit	Frozen	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
ATTF	Antithrombin Activity, P	Numeric	%	27811-9

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

Supplemental Report:

No

CPT Code Information:

85300

Reference Values:

Normal values: 80-130%

Normal, full-term newborn infants have lower levels (> or =35-40%) that reach normal values by age 90 days. Premature infants (30-36 weeks gestation) have lower levels that reach normal values by age 180 days.