

Reporting Title: Antithrombin Antigen, P
Performing Location: Rochester

Ordering Guidance:
For monitoring treatment of antithrombin deficiency disorders, including infusion of antithrombin therapeutic concentrate, order ATTF / Antithrombin Activity, Plasma.

Necessary Information:
If patient is being treated with heparin, this should be noted as heparin treatment may lower plasma antithrombin.

Specimen Requirements:
Specimen Type: Platelet-poor plasma
Patient Preparation: Fasting preferred
Collection Container/Tube: Light-blue top (3.2% sodium citrate)
Submission Container/Tube: Polypropylene 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:

- Double-centrifuged specimen is critical for accurate results as platelet contamination may cause spurious results.
- Each coagulation assay requested should have its own vial.

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®
ATTI	Antithrombin Antigen, P	Numeric	%	27812-7

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

Supplemental Report:
No

CPT Code Information:
85301

Reference Values:

Adults: 80-120%

Normal, full-term newborn infants may have decreased levels (> or =35-40%) that reach adult levels by 180 days postnatal.*

Healthy, premature infants (30-36 weeks gestation) may have decreased levels that reach adult levels by 180 days postnatal.*

*See Pediatric Hemostasis References section in [Coagulation Guidelines for Specimen Handling and Processing](#).