

**Reporting Title:** Antithrombin Activity, w/ Reflex, P**Performing Location:** Jacksonville**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:

1. For complete instructions, see Coagulation Guidelines for Specimen Handling and Processing.
2. Centrifuge, transfer all plasma into a plastic vial, and centrifuge plasma again.
3. Aliquot plasma into a plastic vial leaving 0.25 mL in the bottom of centrifuged vial.
4. Freeze plasma immediately (no longer than 4 hours after collection) at -20 degrees C or ideally, at or below -40 degrees C.

## Additional Information:

1. A double-centrifuged specimen is critical for accurate results as platelet contamination may cause spurious results.
2. Each coagulation assay requested should have its own vial.
3. Heparin treatment may lower plasma antithrombin.

**Specimen Minimum Volume:**

0.5 mL

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

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
AATT	Antithrombin Activity, w/ Reflex, P	Numeric	%	27811-9

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

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**CPT Code:** 1 x 85300

**Reflex Tests:**

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
AATTA	Antithrombin Summary Interp			No	No
ATTI	Antithrombin Antigen, P	1	85301	No	Yes

**Result Codes for Reflex Tests:**

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
AATTA	AATTA	Antithrombin Summary Interp	Alphanumeric		69049-5
ATTI	ATTI	Antithrombin Antigen, P	Numeric	%	27812-7

**Reference Values:**

Normal values:  
80%-130%

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