

Reporting Title: Activated Protein Resistance V, P
Performing Location: Rochester

Ordering Guidance:
Although this assay can be performed in the absence of other coagulation tests and clinical information, it is most reliably performed as part of a consultative coagulation test panel with interpretive reporting (including appropriate testing of the same specimen to evaluate for the presence or absence of coagulation abnormalities or conditions that may affect interpretation of the APC resistance assay). This test is included among a panel of tests designated AATHR / Thrombophilia Profile, Plasma and Whole Blood.

Necessary Information:
If a priority specimen, mark request form, give reason, and request a call-back.

Specimen Requirements:
Specimen Type: Platelet-poor plasma
Collection Container/Tube: Light-blue top (3.2% sodium citrate)
Submission Container/Tube: Polypropylene 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 vial, and centrifuge plasma again.
- 3. Aliquot plasma into a 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 -40 degrees C or below.

Additional Information:
1. Double-centrifuged specimen is critical for accurate results as platelet contamination may cause spurious results.
2. If priority specimen, mark request form, give reason, and request a call-back.
3. 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® |
|-----------|----------------|--------------|------|---------|
| APCR | APCRV Ratio | Numeric | | 13590-5 |
| INT55 | Interpretation | Alphanumeric | | 48591-2 |

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

Supplemental Report:

No

CPT Code Information:

85307

Reference Values:

APCRV RATIO

> or =2.3

Pediatric reference range has neither been established nor is available in scientific literature. The adult reference range likely would be applicable to children older than 6 months.