

## TEST CHANGE

### APC Resistance Profile with Reflex to Factor V Leiden

0030192, APC R

#### Specimen Requirements:

##### Patient Preparation:

Collect: Light ~~blue (sodium citrate)~~ ~~Blue (Sodium Citrate)~~ AND ~~L~~avender (EDTA), ~~p~~ink (K2EDTA), or ~~y~~ellow (ACD ~~s~~olution A or B).  
~~Special~~Refer to Specimen ~~Collection and Handling~~  
~~Hemostasis/Thrombosis Specimens guide located at~~  
~~<https://www.aruplab.com/Specimen-Handling/SpecialSpecimenCollection/Hemostasis-Thrombosis.pdf> for hemostasis/thrombosis specimen handling guidelines.~~

Specimen Preparation: Transport 1.5 mL platelet-poor plasma AND 3 mL whole blood. (Min: 1 mL/each)

Transport Temperature: Plasma: CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered. Whole Blood: Frozen.

Unacceptable Conditions: Serum, clotted or hemolyzed specimens. Frozen specimens in glass collection tubes.

##### Remarks:

Stability: Plasma: Ambient: 4 hours; Refrigerated: Unacceptable; Frozen ~~at -20 Degrees C: 3 months; Frozen at -70 Degrees C: 6 months~~  
Whole Blood: Ambient: 72 hours; Refrigerated: 1 week; Frozen: 1 month

Methodology: Electromagnetic Mechanical Clot Detection ~~/~~ Polymerase Chain Reaction (PCR) ~~/~~ Fluorescence Monitoring

Performed: Mon-Sat

Reported: 1-5 days

Note: If APC resistance is normal, then no further testing will be added. If APC resistance is low, then Factor V Leiden by PCR will be added. Additional charges apply.

CPT Codes: 85307; if reflexed, add 81241

New York DOH Approval Status: This test is New York DOH approved.

**Interpretive Data:**

Ratios less than 2.00 suggest APC resistance. This method uses factor V deficient plasma; therefore, APC resistance due to a nonfactor V mutation will not be detected. Extreme factor V deficiency or presence of direct oral anticoagulants (DOACs) may cause an unreliable ratio.

Note: If APC resistance is normal, then no further testing will be added. If APC resistance is low, or if a valid result cannot be obtained for the APC portion of the profile, then Factor V Leiden by PCR will be added. Additional charges apply.

**Reference Interval:**

Test Number	Components	Reference Interval
	APC Resistance	2.00 or greater