

LPL - PRODUCTION TEST COLLECTION  
CENTRE  
SECTOR - 18, BLOCK-E ROHINI  
DELHI 110085

Name	: Dummy-E016	Collected	: 13/3/2018 7:34:00AM
Lab No.	: LPLT12348	Age: 28 Years	Gender: Female
A/c Status	: P	Ref By : -----	Report Status :
		Received	: 13/3/2018 6:14:03PM
		Reported	: 13/3/2018 7:46:57PM

Test Name	Results	Units	Bio. Ref. Interval
<b>ACTIVATED PROTEIN C RESISTANCE; APC-R</b> (Electromechanical Clot Detection)		Seconds	>119.99

#### Interpretation

RESULT	REMARKS
>=120 Seconds	Negative
<120 Seconds	Positive

#### Note

1. This assay is highly sensitive and specific for inherited APC resistance, most commonly due to factor V Leiden mutation.
2. Thrombin inhibitors (eg. Hirudin, Argatroban) and low levels (<50%) of factor V may lead to false negative results.
3. Aprotinin may lead to false positive results.
4. All results should be clinically correlated.
5. Test conducted on citrated plasma.

#### Comment

APC resistance (APC-R) is considered one of the most common genetic factors for venous thrombosis. In APC-R the ability of APC to enzymatically degrade factor Va is significantly reduced. The heterozygous defect is associated with a 5 to 10 folds and homozygous defect with 50 to 100 folds increased thrombotic risk. The prevalence in Caucasian population is around 4%, but is lower in African & Asian populations. The incidence is 10-40% in thrombophilic population. The estimated thrombotic risk is 1.8 to 2.6 folds in patients with this resistance. Acquired causes of APC resistance are malignancy, Antiphospholipid syndrome, pregnancy and even hospitalization.

Dr. Anil Arora  
MD (Pathology)  
HOD Hemat & Imm - NRL

Result/s to follow:  
ACTIVATED PROTEIN C RESISTANCE; APC-R



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**IMPORTANT INSTRUCTIONS**

\*Test results released pertain to the specimen submitted.\*All test results are dependent on the quality of the sample received by the Laboratory .  
\*Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician .\*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.\*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.\*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.\*Test results may show interlaboratory variations.\*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).\*Test results are not valid for medico legal purposes. \*Contact customer care Tel No. +91-11-39885050 for all queries related to test results.

