Test Name: ACTIVATED PROTEIN C RESISTANCE; APC-R

Result:
Seconds >119.99

Interpretation:

<table>
<thead>
<tr>
<th>RESULT</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;=120 seconds</td>
<td>Negative</td>
</tr>
<tr>
<td>&lt;120 seconds</td>
<td>Positive</td>
</tr>
</tbody>
</table>

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.

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Result/s to follow:
ACTIVATED PROTEIN C RESISTANCE; APC-R
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Results</th>
<th>Units</th>
<th>Bio. Ref. Interval</th>
</tr>
</thead>
</table>

**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.*