DOB:

Patient Report

labcorp

Patient ID: Specimen ID:

Age:

Sex:

Ordering Physician:

Ordered Items: **Factor V Leiden Mutation; Venipuncture**

Date Collected:	Date Received:	Date Reported:	Fasting:

Factor V Leiden Mutation

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Factor V Leiden [01]				

Result: Negative (no mutation found)

Factor V Leiden is a specific mutation (R506Q) in the factor V gene that is associated with an increased risk of venous thrombosis. Factor V Leiden is more resistant to inactivation by activated protein C. As a result, factor V persists in the circulation leading to a mild hypercoagulable state. The Leiden mutation accounts for 90% - 95% of APC resistance. Factor V Leiden has been reported in patients with deep vein thrombosis, pulmonary embolus, central retinal vein occlusion, cerebral sinus thrombosis and hepatic vein thrombosis. Other risk factors to be considered in the workup for venous thrombosis include the G20210A mutation in the factor II (prothrombin) gene, protein S and C deficiency, and antithrombin deficiencies. Anticardiolipin antibody and lupus anticoagulant analysis may be appropriate for certain patients, as well as homocysteine levels. Contact your local LabCorp for information on how to order additional testing if desired.

Methodology:
DNA analysis of the Factor V gene was performed by allele-specific PCR. The diagnostic sensitivity and specificity is >99% for both. Molecular-based testing is highly accurate, but as in any laboratory test, diagnostic errors may occur. All test results must be combined with clinical information for the most accurate interpretation.

This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.

References:
Voelkerding K (1996). Clin Lab Med 16:169-186.

Annette K Taylor, MS, PhD, FACMG
Stefan Tiefenbacher, PhD

Disclaimer
The Previous Result is listed for the most recent test performed by Labcorp in the past 3 years where there is sufficient patient demographic data to match the result to the patient.

Icon Legend
▲ Out of reference range ■ Critical or Alert

Performing Labs

Patient Details

Phone:
Date of Birth: Age:
Sex:
Patient ID:
Alternate Patient ID:

Physician Details

Phone:

Physician ID:
NPI:

Specimen Details
Specimen ID:
Control ID:
Alternate Control Number:
Date Collected:
Date Received:
Date Entered:
Date Reported:
Rte: