LabCorp
Laboratory Corporation of America

LabCorp Phoenix
3930 E Watkins Suite 300
Phoenix, AZ 85034-7251
Phone: 602-454-8000

Specimen Number	Patient ID	Control Number	Account Number	Account Phone Number	Route
004-195-0945-0	84287.0	469227	27320560	702-856-1400	00

Patient Last Name	Patient First Name	Patient Middle Name	Patient SS#	Patient Phone	Total Volume	Age (Y/M/D)	Date of Birth	Sex	Fasting
ERICSON	CARL		***-**-5657	702-538-3486		49/01/28	11/06/61	M	

Account Address: Comprehensive Cancer
Wigwam
1505 Wigwam Ste 130
HENDERSON NV 89074

Patient Address: 4250 ARVILLE ST #341
LAS VEGAS NV 89103

Additional Information:

Date and Time Collected	Date Entered	Date and Time Reported	Physician Name	NPI	Physician ID
01/03/11 16:16	01/05/11	01/11/11 17:08ET	NGUYEN , A		

Tests Ordered: Factor V Leiden Mutation; Homocyst(e)ine, Plasma

General Comments: ACC: 469227 PID: 84287.0

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB

Factor V Leiden Mutation

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.

Comment: 01

Genetic counselors are available for health care providers to discuss results at 1-800-345-GENE.

Methodology:
DNA analysis of the Factor V gene was performed by allele-specific PCR followed by gel electrophoresis. 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.