

# Any Lab Test Now

## FACTOR V (LEIDEN) LAB TEST

### **DESCRIPTION**

The body's ability to form blood clots is critical to the healing process and when the coagulation (clotting) process is functioning normally platelets (small, sticky cell fragments) attach to and begin to collect at the injury site. The clotting process includes many factors, including a clotting factor called factor V. Factor V Leiden is a mutation of factor V. This mutation prevents the breakdown of factor V after it has done its job, leading to abnormal blood clots. Most people with Factor V Leiden never develop abnormal clots and never know that they have this mutation. However, some people with Factor V Leiden develop clots that lead to long-term health problems or become life-threatening such as Stroke, Deep Vein Thrombosis (DVT) or Pulmonary Emboli (PE). Women who become pregnant can develop preeclampsia or other blood clots which can be dangerous to themselves and to their unborn child.

If you have Factor V Leiden and have developed blood clots, medications can lessen your risk of developing additional blood clots and help you avoid potentially serious complications. Factor V Leiden is an inherited gene mutation. If you have inherited one copy of the defective gene, your chances of developing a blood clot increase slightly, but more rarely, if you inherit two copies, one from each parent, your risk of developing blood clots increases significantly.

### **WHY DO I NEED THIS TEST?**

Only 10% of people with Factor V Leiden ever develop signs or symptoms. However, the first indication that you have the disorder may be the development of a blood clot (thrombosis). If you have a family history of thrombosis or know that others in your family have the factor V Leiden mutation you may want to consider getting tested. Having early Deep Vein Thrombosis (DVT) (before the age of 50) or becoming pregnant if you have a family history of thrombosis would be indicators that you should get tested.

### **AM I REQUIRED TO FAST FOR THIS LAB TEST?**

No. You are not required to fast for this test.

**WRITTEN BY:**  
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Ekan Essien, MD, MPH, a native Georgian, received his BA from Duke University. Dr. Essien continued his education at Florida A&M University where he received his Masters of Public Health in Epidemiology; received his medical degree from Meharry Medical College in Nashville, Tennessee; and obtained training in general and trauma surgery at Grady Memorial Hospital at Morehouse School of Medicine. He is a candidate in the post graduate fellowship in anti-aging and regenerative medicine from the American Academy of Anti-Aging Medicine.

**FOR MORE INFORMATION OR TO SCHEDULE YOUR TEST TODAY CALL 1.800.384.4567**

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