

Factor 5 (V) Leiden Mutation Analysis

Order Name: **FACT 5 LEI**

Test Number: 9107735

Revision Date: 12/12/2022

| TEST NAME | METHODOLOGY | LOINC CODE |
|---------------------------------------|---|------------|
| Factor 5 (V) Leiden Mutation Analysis | Allele-specific polymerase chain reaction (PCR) | |

| SPECIMEN REQUIREMENTS | | | | |
|-----------------------|--|---------------|----------------------------------|-----------------------|
| Specimen | Specimen Volume (min) | Specimen Type | Specimen Container | Transport Environment |
| Preferred | 7 mL (3) | Whole Blood | EDTA (Lavender Top) | Room Temperature |
| Alternate 1 | 2 swabs | Buccal swab | Labcorp buccal swab kit | Room Temperature |
| Alternate 2 | 7 mL (3) | Whole Blood | ACD Solution A or B (Yellow Top) | Room Temperature |
| Instructions | <p>Notes: 3 mL whole blood OR two buccal swabs</p> <p>Specimen Type: Lavender-top (EDTA) tube, yellow-top (ACD) tube, OR LabCorp buccal swab kit</p> <p>Specimen Storage: Maintain specimen at room temperature.</p> <p>Specimen Collection: Not Available</p> <p>Specimen Stability: Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available</p> | | | |

| GENERAL INFORMATION | |
|------------------------------|---|
| Expected TAT | 5 - 7 days |
| Clinical Use | Factor V Mutation (Leiden) is a point mutation that causes resistance of factor V degradation by activated protein C. This mutation is associated with increased risk of venous thrombosis. |
| Performing Labcorp Test Code | 511154 |
| CPT Code(s) | 81241 |
| Lab Section | Reference Lab |