



LABORATORY REPORT

QC ACCOUNT (WARDE)
300 W. TEXTILE
ANN ARBOR MI 48108

EXAMPLE, REPORT
WX0000003481 F 12/08/1988 34 Y

Referral Testing

Collected: 09/08/2022 14:39 Received: 09/08/2022 14:39

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: Plasminogen Activator Inhibitor - 1 (PAI-1) 4G/5G, SEE NOTE, QCR

RESULT: 5G/5G (NORMAL)

The 4G variant (AF386492.2:g.837del) in the promoter of the PAI-1 (SERPINE 1) gene is associated with an increase in the level of PAI-1 in plasma, relative to that associated with the normal 5G variant. Increased plasma PAI-1 activity may increase the risk for venous thrombosis and myocardial infarction, especially in the presence of other thrombophilic risk factors.

METHODOLOGY: The 4G/5G variants in the promoter of the PAI-1 gene are detected by Fluorescent PCR amplification and capillary electrophoresis of the products. Since genetic variation and other factors can affect the accuracy of direct mutation testing, these results should be interpreted in light of clinical and familial data.

For assistance with the interpretation of these results, please contact your local Quest Diagnostics genetic counselor or call 1-866-GENEINFO (436-3463).

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Interpretation SEE NOTE QCR

INTERPRETATION: This individual is negative for the 4G variant in the PAI-1 (SERPINE1) gene. Increased risk of thrombophilia can be caused by a variety of genetic and non-genetic factors not screened for by this assay.

Laboratory testing supervised and results monitored by Felicitas L. Lacbawan, MD, FCAP, FACMG.

Test Performed at: Quest Diagnostics Nichols Institute 33608 Ortega Highway San Juan Capistrano, CA 92675-2042 I Maramica MD, PhD, MBA

Reported Date: 09/08/2022 14:40 PAIIP

Performing Site:

QCRL: QUEST DIAGNOSTICS REFERENCE LAB CAPISTRANO 33608 Ortega Highway San Juan Capistrano CA 92675

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

E10800011 Ordered By: CLIENT CLIENT
WX0000003481 WX0000000002063
Printed D&T: 12/01/23 10:03

Kajal V. Sitwala, MD, PhD - Medical Director
Form: MM RL1
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