

Thrombophilia Panel (6), 50T

(FII, FVL, MTHFR677, MTHFR1298, PAI, FXIII)

- Easy to use with a ready-to-use reaction mix.
- Delivers accurate results, including Homozygous and Heterozygous controls.
- Compatible with dual-color real-time PCR instruments using FAM and VIC/HEX detection channels.
- Provides precise results through the TaqMan probe-based allelic discrimination method.

CE-IVD

Real-time PCR



MULTIPLEX



ONE TUBE
Each SNP



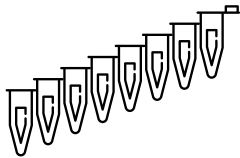
FAST



SENSITIVE

The geneMAP™ Thrombophilia Panel (6) Kit is a rapid and accurate real-time PCR test for detecting mutations in the FV, PTH (FII), FXIII, PAI 4G/5G, and MTHFR genes. Thrombophilia, a condition with an increased risk of blood clotting, is linked to venous thromboembolism (VTE). This test enables the simple identification of six key genetic risk factors for thrombophilia, offering simultaneous or separate detection in a multiplex format.

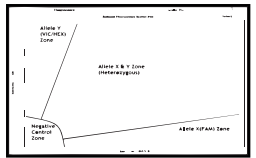
Simple real time - PCR Workflow



Sample preparation
Add DNA to the reaction mix



qPCR amplification
Multiplex qPCR using primers designed to amplify the DNA sequences specific to each SNP of interest



Data interpretation
SNPs are identified by allele-specific real time PCR.





Validated PCR Instruments

- Bio-Rad CFX96
- Life Technologies ABI-7500, QuantStudio Series
- Roche, Light Cycler 480 II
- Qiagen Rotor-Gene® 3000 Q5/Q6
- BioMolecular Systems, MicPCR

Ordering Information

THR6-RT50

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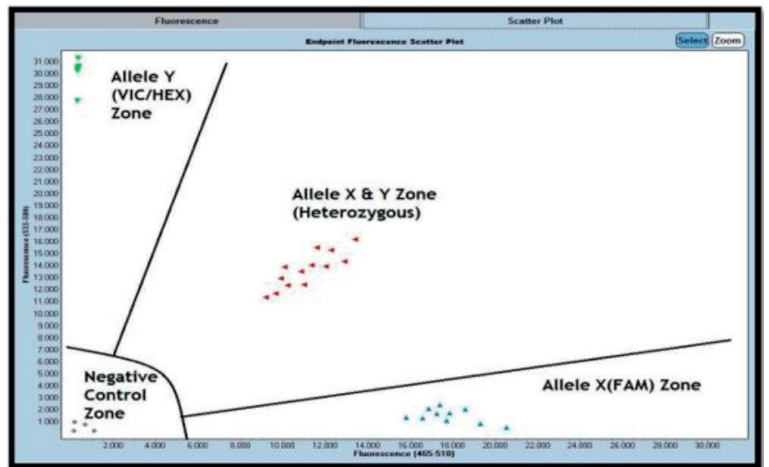
50 tests **CE-IVD**

CE-IVD is available in the EU and countries outside EU accepting the CE-IVD certification.
Available as RUO in all other countries.

Technical Specifications

Detection of the following SNPs and their corresponding normal alleles

- Factor V Leiden: G1691A/R506Q
- Prothrombin/Factor II: G20210A
- 5,10-Methylenetetrahydrofolate Reductase(MTHFR): C677T
- 10-Methylenetetrahydrofolate Reductase(MTHFR):A1298C
- Plasminogen Activator Inhibitor 1: (PAI-1/ SERPINE1) 4G/5G
- Factor XIII: V34L (rs5985)



CONTENTS

VOLUME

Master Mixes (FII, FV, MTHFR C677, MTHFR A1298, PAI, FXIII)

6 x 850 µl

RNase Free Water

400 µl

Positive Control (Heterozygous)

100 µl

Positive Control (Homozygous)

100 µl

In GENMARK SAĞLIK URUNLERI, we aim to create the top quality, time and cost efficient, trust-worthy and user-friendly products. We specialize in in-vitro detection kit production and development which is used for the diagnosis and treatment monitoring of many diseases connected to genetics, oncology, microbiology and hematological oncology.