

HERIDATARY

FII, FVL, MTHFR C677T, MTHFR A1298C, PAI-1 4G/5G, FXIII Thrombophilia Panel

Technical Specifications

Intended Use

-Prothrombin / Factor II G20210A,
-Factor V Leiden G1691A/ R506Q
-5,10Metilentetrahydrofolat
Reductase (MTHFR), C677T,
-5,10Methyentetrahydrofolat
Reductase (MTHFR), A1298C,
-Plasminogen Activator Inhibitor
1(PAI-1/SERPINE1) 4G/5G
-Factor XIII (V34L)
Detection kit.

Suitable Sample Type

-Whole Blood in tube with
EDTA

Test Procedure

-DNA Isolation
-Multiplex RT-qPCR

Validated PCR Instruments

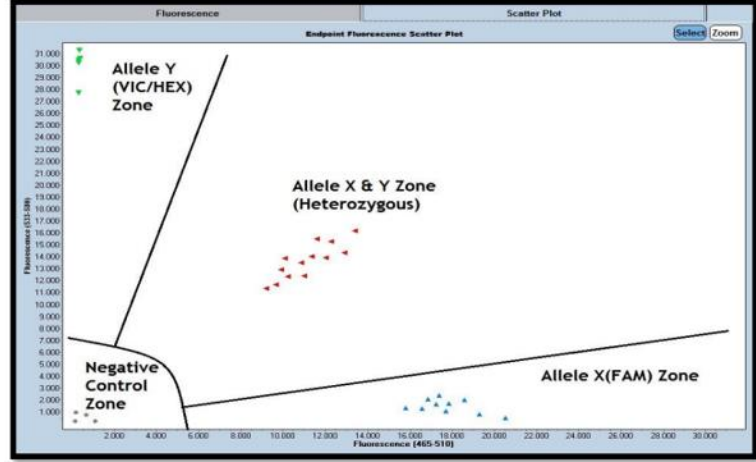
- Bio-Rad CFX96
- Life Technologies ABI-7500
- Roche, Light Cycler 480 II
- Qiagen Rotor-Gene® 3000 Q5/Q6
- BioMolecular Systems, MicPCR
- QuantStudio™ 5 Real-Time PCR
System

Catalog Number

-FII-RT50
-FVL-RT50
-MTHFI-RT50
-MTHFII-RT50
-PAI-RT50
-FXIII-RT50
-THR-RT50
-THR6-RT50

Contact

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	Factor II	Factor V	MTHFR I	MTHFR II	PAI
FAM (x axis)	Mutant	Mutant	Mutant	Mutant	4G/4G
VIC/HEX (y axis)	Wildtype	Wildtype	Wildtype	Wildtype	5G/5G

- ✓ This kit uses Real-time PCR based method.
- ✓ With only one hydrolysis primer probe, the differentiation between homozygote, heterozygote and wild type can be detected.
- ✓ Results are obtained as easy and accurate allelic discrimination (End-Point Genotyping) analysis.

GeneMAP™ Thrombophilia Panel Kit is designed specifically for mutation detection with routine RT-qPCR. It is easy to use, cost efficient and compatible with many Real-time PCR instruments.

Reagents	Volume
Master Mix (FII, FV, MTHFR C677, MTHFR A1298, PAI, FXIII)	850µl
Heterozygous PC	100 µl
Homozygous PC	100 µl