

## 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

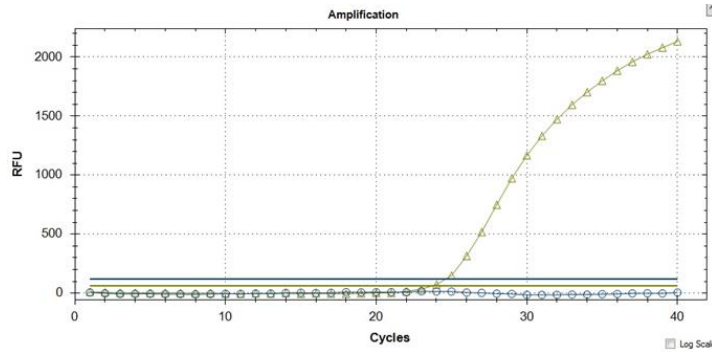
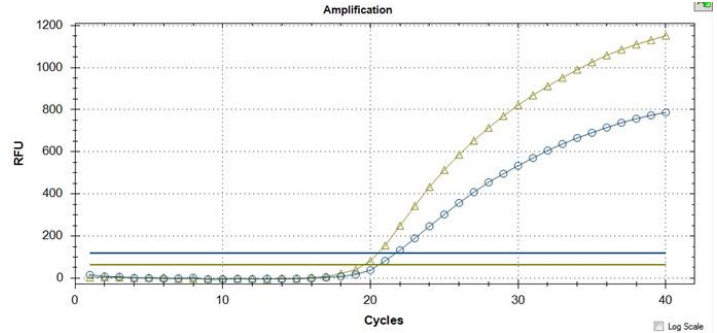
#### Catalog Number

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

#### Contact

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Positive Result Analysis



Negative Result Analysis

- ✓ 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.
- ✓ Both Amplification curve analysis and allelic discrimination (End-Point Genotyping) analysis can be obtained.

**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