

PAI-1 4G/5G Mutation Detection Kit

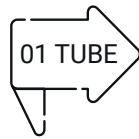
- Easy to use with a ready-to-use reaction mix.
- Delivers accurate results, including Homozygous and Heterozygous controls.
- Compatible with dual-color real-time PCR instruments using FAM and VIC/HEX detection channels.
- Provides precise results through the TaqMan probe-based allelic discrimination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

CE-IVD

Real-time PCR



MULTIPLEX



ONE TUBE



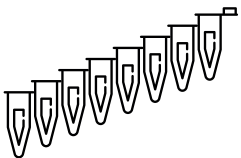
FAST



SENSITIVE

The geneMAP™ PAI-1 4G/5G Mutation Detection Kit is a fast and accurate real-time PCR based test for the detection of the 4G/5G deletion/insertion polymorphism in the promoter region of the human SERPINE1 gene. In the presence of additional thrombosis-related mutations, the 4G allele is a risk factor for arterial and venous thrombosis as well as for pregnancy complications.

Simple real time - PCR Workflow



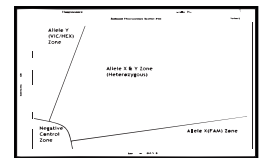
Sample preparation

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

PAI-RT50

PAI-1 4G/5G Mutation

Detection Kit

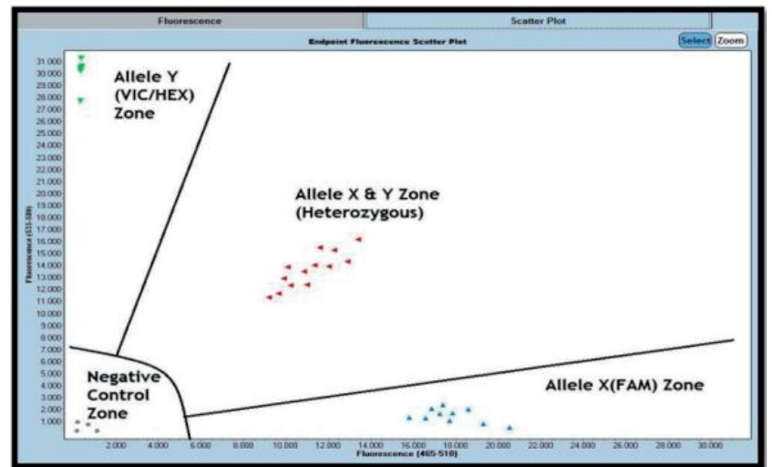
50 tests **CE-IVD**

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

- For the detection of the 4G/5G deletion/insertion polymorphism in the promoter region of the human SERPINE1 gene.



CONTENTS	VOLUME
PAI Master Mix	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.