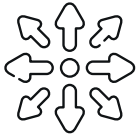


## FII Mutation Detection Kit

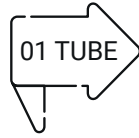
- Easy to use with a ready-to-use reaction mix.
- Delivers accurate results, including Homozygous and Heterozygous controls.
- Compatible with dual-color real-time PCR instruments using FAM and VIC/HEX detection channels.
- Provides precise results through the TaqMan probe-based allelic discrimination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

CE-IVD

Real-time PCR



MULTIPLEX



ONE TUBE



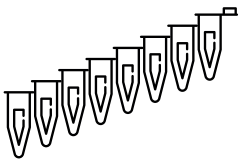
FAST



SENSITIVE

The geneMAP™ FII Mutation Detection Kit is a rapid and accurate, real-time PCR-based assay for the detection of the 20210G>A mutation in the human Factor II (F2) gene encoding the clotting factor prothrombin (PTH). This point mutation is associated with inherited thrombophilia. The kit is designed to identify patients at risk of venous thromboembolism. The risk is significantly increased if this mutation is accompanied by an FV Leiden mutation.

### Simple real time - PCR Workflow



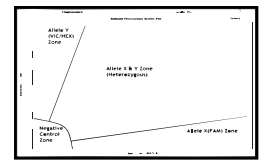
#### Sample preparation

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

FII-RT50

FII Mutation

Detection Kit

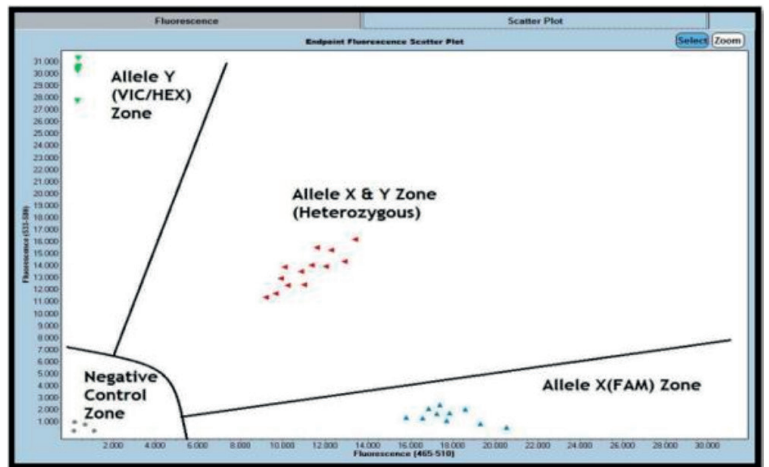
50 tests **CE-IVD**

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 20210G>A mutation in the human Factor II (F2) gene encoding the clotting factor prothrombin (PTH).



CONTENTS	VOLUME
FII 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.