

FXIII 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



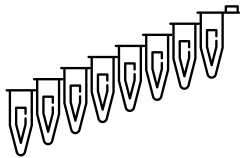
FAST



SENSITIVE

The geneMAP™ FXIII Mutation Detection Kit is a fast and accurate real-time PCR test for the detection of a G>T transition in exon 2 of the human coagulation Factor XIII (F13A) gene. This polymorphism leads to a valine (V) to leucine (L) substitution at amino acid 34 of the FXIII subunit A. The L variant has been described as having a small but significant protective effect against both arterial and venous thrombosis. The kit is designed to identify carriers of the V34L variant among at-risk patients of hereditary thrombophilia.

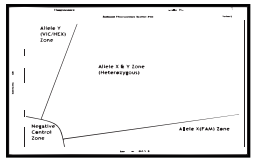
Simple real time - PCR Workflow



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

FXIII-RT50

FXIII Mutation

Detection Kit

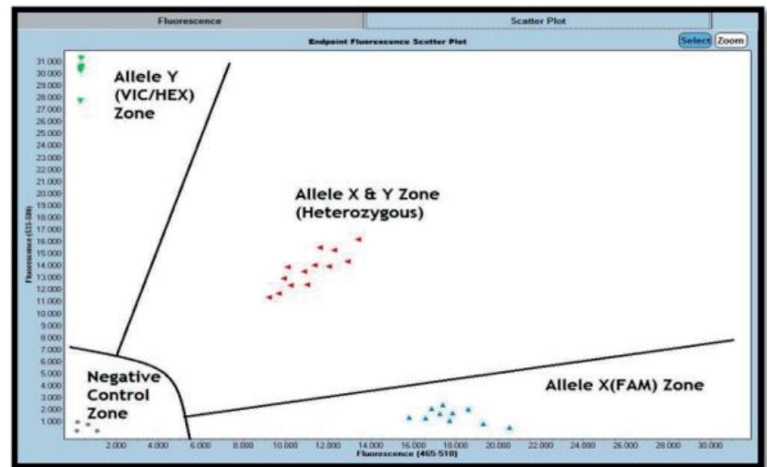
50 tests **CE-IVD**

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 a G>T transition in exon 2 of the human coagulation Factor XIII (F13A) gene.



CONTENTS	VOLUME
FXIII 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.