

FMF 5 Mutation Detection Kit

- Accurate results with allele specific PCR technology
- Compatible with all real-time PCR devices capable of melting curve analysis.
- The 5 most common FMF mutations.

CE-IVD

Real-time PCR



MULTIPLEX



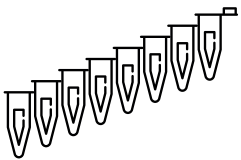
FAST



SENSITIVE

The geneMAP™ FMF 5 Mutation Detection Kit is a simple and efficient real-time PCR test for identifying the 5 most common genetic mutations associated with Familial Mediterranean Fever (FMF) in a multiplex format. FMF is a hereditary disorder characterized by recurrent episodes of fever, abdominal pain, chest pain, and joint pain, lasting 24-48 hours. It is most common among Jewish, Turkish, Middle Eastern Arab, Armenian, and Japanese populations. Early detection of FMF mutations supports effective disease management.

Simple real time - PCR Workflow



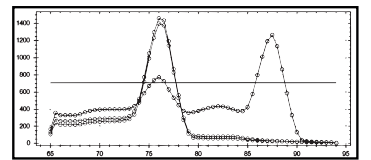
Sample preparation

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
- BioMolecular Systems, MicPCR

Ordering Information

FMF.5-RT50

FMF 5 Mutation

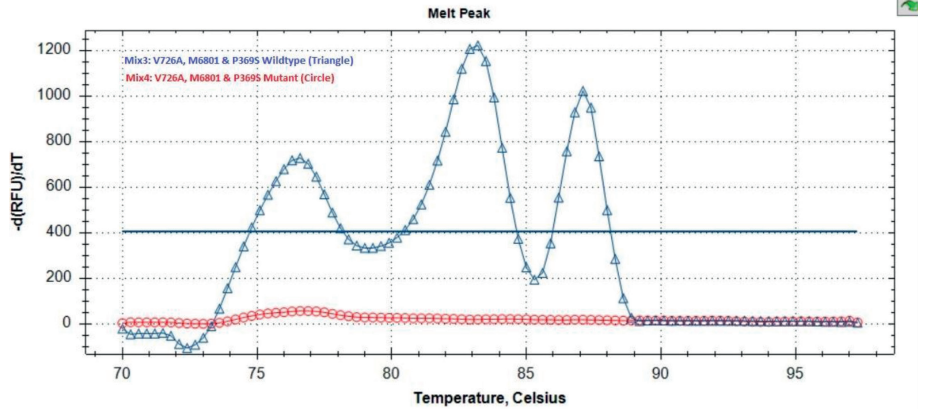
Detection Kit

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

For the detection of E148Q, M694V, V726A, M680I (G/C), P369S mutations.



CONTENTS

VOLUME

FMF Mixes 1-4

4 x 110 µl

2x Master Mix (with EvaGreen)

1100 µl

2x Master Mix (with EvaGreen)

550 µl

Multiplexer Solution

750 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.