

FMF 11 Mutation Detection Kit

- Accurate results with allele specific PCR technology
- Compatible with all real-time PCR devices capable of melting curve analysis.
- The 11 most common FMF mutations.

CE-IVD

Real-time PCR



MULTIPLEX



FAST



SENSITIVE

The geneMAP™ FMF 11 Mutation Detection Kit is a reliable real-time PCR test designed to detect the 11 most common genetic mutations associated with Familial Mediterranean Fever (FMF) in a simple and efficient multiplex format. FMF is a hereditary disorder most prevalent among Jewish, Turkish, Middle Eastern Arab, Armenian, and Japanese populations. It is characterized by recurrent episodes of fever, abdominal pain, chest pain, and joint pain, typically lasting 24-48 hours, with symptom-free intervals between attacks. Early detection of FMF mutations facilitates accurate diagnosis and effective disease management.

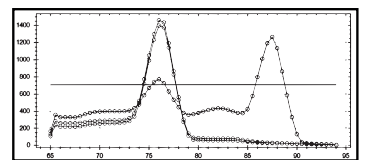
Simple real time - PCR Workflow



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-RT50

FMF 11 Mutation

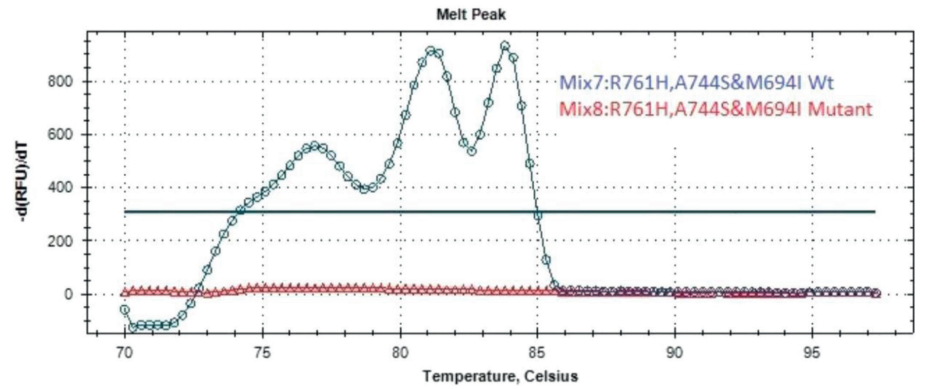
Detection Kit

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, R408Q, F479L, K695R, M680I (G/C), P369S, R761H, A744S, M694I mutations.



CONTENTS	VOLUME
FMF Mixes 1-8	8 x 110 µl
2x Master Mix (with EvaGreen)	3 x 1100 µl
Multiplexer Solution	1500 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.