

## FMF 11 Mutation Detection Kit

## Technical Specifications

## Intended Use

-Detection of E148Q, M694V, V726A, R408Q, F479L, K695R, M680I (G/C), P369S, R761H, A744S, M694I mutations in MEFV human gene.

## Suitable Sample Type

-Whole Blood in tube with EDTA

## Test Procedure

-DNA Isolation  
-Multiplex RT-qPCR

## Validated PCR Instruments

- Bio-Rad CFX96  
- Life Technologies ABI-7500  
- Roche, Light Cycler 480 II  
- BioMolecular Systems, MicPCR  
- QuantStudio™ 5 Real-Time PCR System

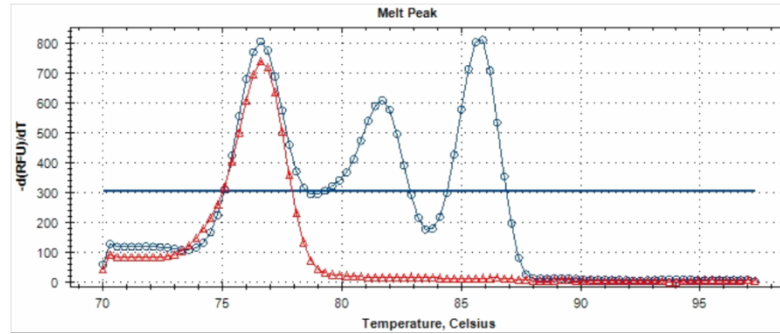
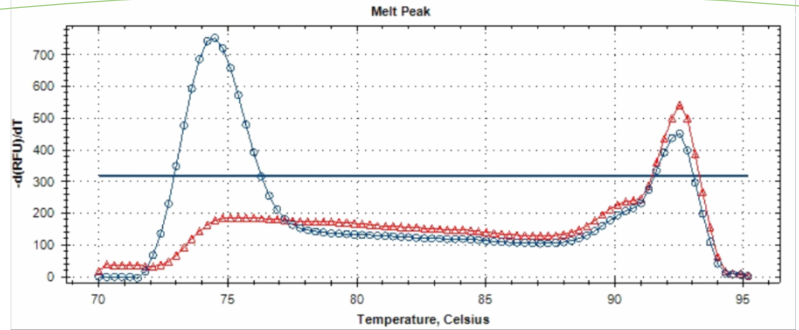
## Catalog Number

- FMF.5-RT50

## Contact

Halil Rifat Paşa Mah. Güler St.  
GNM PLAZA No:51/1Sisli-  
Istanbul 34384 TÜRKİYE  
Tel: +90-(212)288 74 92-93  
Fax: +90-(212)288 74 53  
Web: www.genmark.com.tr  
E-mail: info@genmark.com.tr

Mix1,2:  
E148Q  
Heterozygote



Mix3,4:  
V726A  
Heterozygote

- ✓ This kit uses Real-time PCR based method.
- ✓ With only one hydrolysis primer probe, the differentiation between homozygote, heterozygote and wild type can be detected.
- ✓ The test system is designed with sequence specific primers.
- ✓ The florescent dye used for allele analysis is EvaGreen (Biotium-ABD).

**GeneMAP™ FMF 11 Detection Panel Kit** is designed specifically for mutation detection with routine RT-qPCR. It is easy to use, cost efficient and compatible with many Real-time PCR instruments.

| Reagents                           | Vol. per Tube (µl) |
|------------------------------------|--------------------|
| 2X Master Mix (with EvaGreen) (x3) | 1100 µl            |
| FMF Mix 1-8 (Mutant and Wildtype)  | 110 µl             |
| Multiplexer Solution               | 1400 µl            |