

c-KIT D816V Mutation Detection Kit

Technical Specifications

Intended Use

-For Detection of KIT D816V mutation

Suitable Sample Type

-Whole Blood in tube with EDTA

Test Procedure

-RNA Isolation
-Multiplex RT-qPCR

Analytical Sensitivity

- The Kit can distinguish normal from (1%) mutated alleles

Validated PCR Instruments

- Bio-Rad CFX96
- Life Technologies ABI-7500
- Roche, Light Cycler 480 II
- Qiagen Rotor-Gene® 3000 Q5/Q6
- BioMolecular Systems, MicPCR

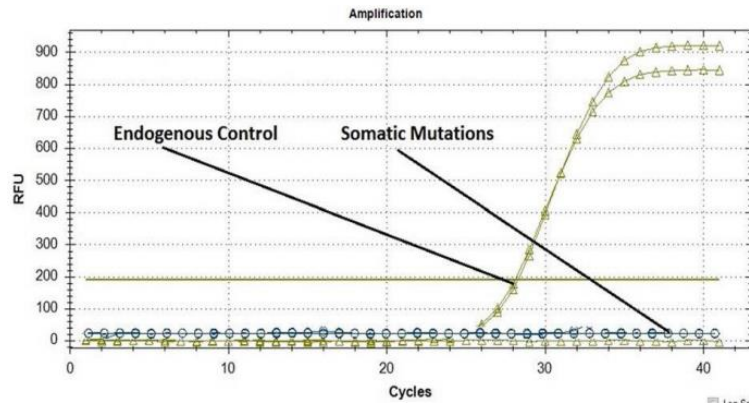
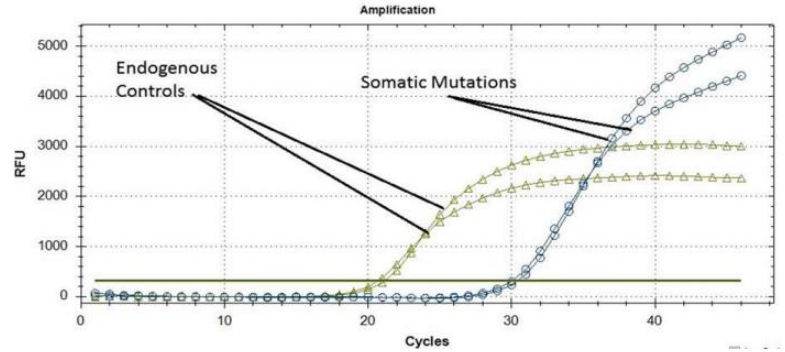
Catalog Number

- cKIT-RT25

Contact

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Positive Result Analysis



Negative Result Analysis

- ✓ This kit uses Allele Specific Oligonucleotide (ASO) Real-time PCR based method.
- ✓ D816V mutation on the KIT gene can be detected quantitatively.
- ✓ Primer probe mix contains target gene (mutant), and the endogen gene.
- ✓ The Genmark's c-KIT D816V Mutation Detection Kit utilizes amplification assays for detecting the mutated alleles.

GeneMAP™ Somatic Mutation Detection Kit is designed specifically for Mutation Analysis with routine RT-qPCR. It is easy to use, cost efficient and compatible with many Real-time PCR instruments.

Contents	Volume
2X Master Mix	275 µl
4X Mutation Primer Probe Mix	125 µl
Positive Control	50 µl