

# FLT3 D835Y Mutation Detection Kit

## Technical Specifications

### Intended Use

-For detection of D835Y mutation in FLT3-ITD and Tyrosine Kinase Domain

### Suitable Sample Type

-Whole Blood in tube with EDTA

### Test Procedure

-DNA Isolation  
-Multiplex RT-qPCR

### Analytical Sensitivity

- The Kit can distinguish normal from (%0,5) 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

- FLT3-RT25

### Contact

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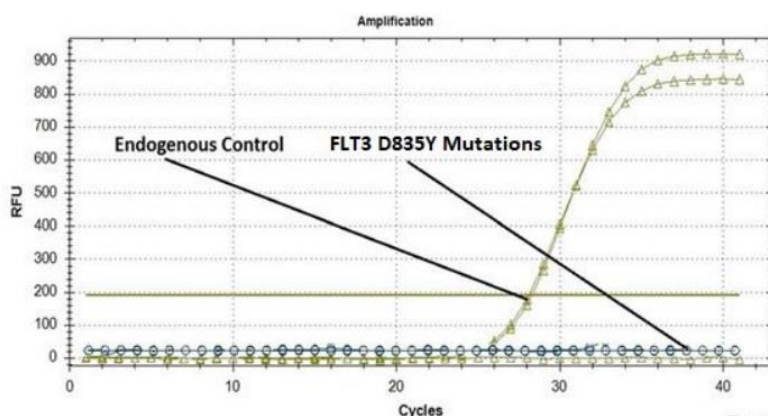
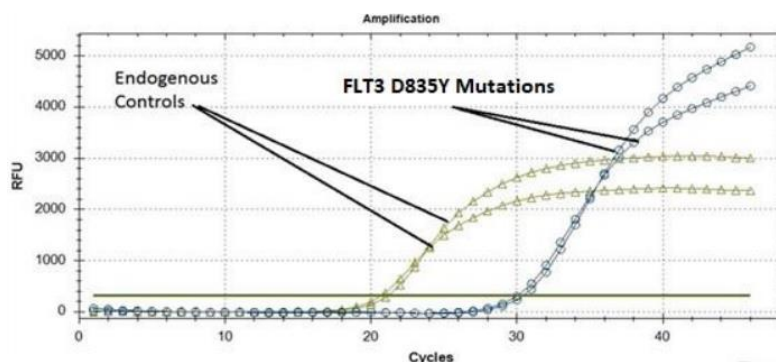
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Positive Result Analysis



Negative Result Analysis

- ✓ This kit uses Allele Specific Oligonucleotide (ASO) Real-time PCR based method.
- ✓ Primer Probes includes Mutant (FAM) and Endogenous (VIC) control specific primer probe (TaqMan) sets.
- ✓ The Genmark's FLT3 D835Y Mutation Detection Kit utilizes amplification assays for detecting the mutated alleles

**GeneMAP™ FLT3 D835Y 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 Real Time PCR Master Mix	275 µl
4X FLT3 D835Y Primer Probe Mix	125 µl
Positive Control	50 µl