

FLT3 ITD/D835Y Mutation Detection Kit

Technical Specifications

Intended Use

-For Detection of FLT3 ITD/D835Y mutation

Suitable Sample Type

-Whole Blood in tube with EDTA

Test Procedure

-DNA Isolation
-Multiplex RT-qPCR

Analytical Sensitivity

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

Validated PCR Instruments

- Thermo Scientific Applied Biosystems™ 3130/3130xl, 3500, 3100, 3500xl DNA Analyzer

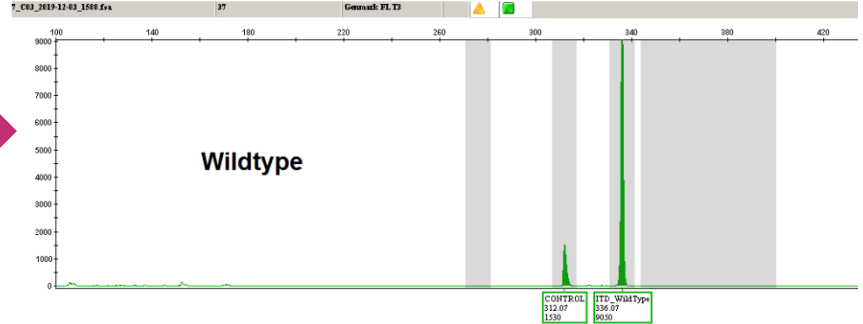
Catalog Number

- FLT3-FA25

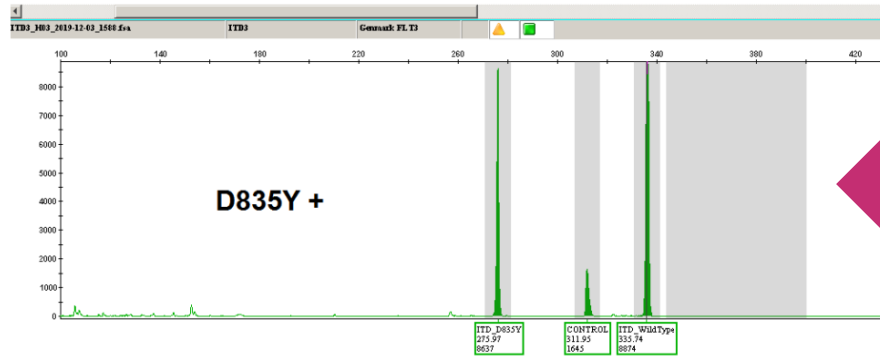
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Wildtype
Result
Analysis



D835Y +



Mutated Result
Analysis

- ✓ Allele specific PCR amplification generates fluorescently labelled fragments that are analyzed by capillary electrophoresis on a Genetic Analyzer instrument.
- ✓ The kit incorporates ASO-PCR Fragment Analysis techniques into a sophisticated strategy, enhancing sensitivity and specificity while reducing the overall workload and low cost and it's a simple first-line test to distinguish normal from mutated alleles
- ✓ The GenMark's FLT3 ITD/ D835Y Mutation Detection Kit utilizes amplification assays for detecting the ITD and D835Y mutated alleles.

GeneMAP™ FLT3 ITD/D835Y Mutation Detection Kit is designed specifically for FLT3 ITD/D835Y Mutation Analysis with routine PCR. It is easy to use, cost efficient and compatible with many Thermo Scientific Genetic Analyzer instruments.

Contents	Volume
2X Master Mix with UDG	250 µl
5X FLT3 ITD/D835Y Primer Mix	110 µl
ddH2O	500 µl