

FLT3 D835Y Mutation Detection Kit

- FLT3 D835Y Mutation Detection
- Superior analytical sensitivity and specificity with Allele Specific PCR.
- Fast and Easy use with Multiplex Realtime PCR Technology.

CE-IVD

Real-time PCR



MULTIPLEX



FAST



SENSITIVE



QUANTITATIVE

Acute Myeloid Leukemia (AML) is the most common form of leukemia in adults and FLT3 activating mutations are expected to be present in 1 in 3 people diagnosed with AML. The presence of FLT3 activating mutations in AML indicates a poor prognosis and some treatment regimens and targeted drug trials are only accessible to patients positive for the mutation. Therefore, a false negative FLT3 test result can have serious consequences for the patient. Due to the significant impact of FLT3 testing on the lives of AML patients, the geneMAP FLT3 D816V Mutation kit represents one of the most critically important biomarker tests for AML patients.

Simple real time - PCR Workflow



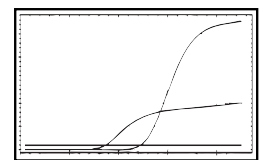
Sample preparation

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
- Qiagen Rotor-Gene® 3000 Q5/Q6
- BioMolecular Systems, MicPCR

Ordering Information

FLT3-RT25

geneMAP™ FLT3 D835Y Mutation

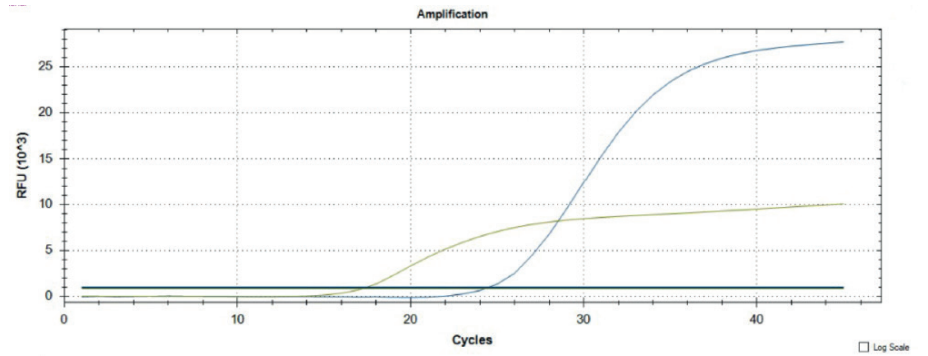
Detection Kit

25 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 Detection of FLT3 D835Y Mutation.



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VOLUME

4x FLT3 D835Y Primer Probe Mix

125 µl

2x Master Mix

300 µl

RNase Free Water

400 µl

Positive Control

50 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.