



Oncology

In vitro diagnostic tests for qualitative detection of oncogene mutations including major genes and gene fusions involved in protein production involved in cell growth and cell survival. Mutated forms of those genes and proteins have been found in some types of cancer, including non-small cell lung cancer.

These changes may cause cancer cells to grow and spread in the body. Checking for changes in the genes may help plan cancer treatment as accomplished by RT-PCR. Our kits are based on allele specific mutations and are designed to selectively amplify and detect mutant specific sequences in the samples.

PML-RARA Real Time PCR Kit

- This test detects PML-RARA fusion mutation in an individual who has Acute Promyelocytic Leukemia (APL), a subtype of acute myeloid leukemia (AML) in clinical blood samples
- This kit is in multiplex format in which PML-RARA fusions & IC are labeled with four different dyes; HEX, FAM, Texas Red, CY5

BCR-ABL Real Time PCR Kit

- BCR-ABL Real Time PCR Kit is an in vitro diagnostic test for the Qualitative detection of major (p210), minor (p190), and micro [p230] breakpoint transcripts in BCR-ABL gene in DNA extracted from clinical samples

BCR-ABL Quantitative Real Time PCR Kit

- BCR-ABL Quantitative Real Time PCR Kit is an in vitro diagnostic test for the Quantitative detection of major (p210), minor (p190), and micro [p230] breakpoint transcripts in BCR-ABL gene in DNA extracted from clinical samples

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PIK3CA-Q Real Time PCR Kit

- 10 mutations across two exons i.e. exon 9, 20 have been covered for PIK3CA gene mutation in 3 well format in 3 tubes including IC, and each tube mutations are labeled with four different dyes; HEX, FAM, Texas Red, CY5

EGFR-Q Real Time PCR Kit

- Detection of 21 different mutations across four exons i.e. exon 18, 19, 20, 21 for changes in EGFR gene in tumor tissue
- This kit is in 6 well formats; all mutations are clubbed in 6 tubes including internal control and each tube mutations are labeled with four different dyes; HEX, FAM, Texas Red, CY5

ctDNA EGFR Real Time PCR Kit

- Detects 21 mutations across four exons; ie 18, 19, 20, 21 using plasma samples
- Mutations are clubbed in 8 tubes including internal control & are labeled with four different dyes; HEX, FAM, Texas Red, CY5

Jak2-Q

Real Time PCR Kit

- JAK2-Q Real Time PCR Kit is an in vitro diagnostic test for the qualitative detection of mutation in JAK2 gene in DNA extracted from clinical samples

HLA B27-Q

Real Time PCR Kit

- Qualitative detection of HLA-B27 allele in human serum/plasma based on amplification of the allelic gene region by primer and probes specific for HLA-B27

Sensitivity & Specificity

Kits with high sensitivity and specificity to detect up to 1% of mutant allele among background of 99% wild type allele

Highly Accessible

Compatible with commonly available Real Time PCR instruments

Ease of Usage

All inclusive test and easy to perform in diagnostic labs

BRAF-Q Real Time PCR Kit

- Comprehensive detection of most common mutations in BRAF gene in genomic DNA extracted from fresh tissue/FFPE tissue
- Target 7 different mutations across exon 15 and the kit is in 2 well formats; all mutations (along with IC) are labeled with four different dyes; HEX, FAM, Texas Red, CY5

BRCA-Q Real Time PCR Kit

- Breast Cancer detection kit covering specific mutations; along with IC labeled with four different dyes; HEX, FAM, Texas Red, CY5

AML1 Fusion Real Time PCR Kit

- AML1 Fusion Real Time PCR Kit is an in vitro diagnostic test for the qualitative detection of mutation in AML1 gene in DNA extracted from clinical samples

EGFR-Q Real Time PCR Kit

- Detection of 21 different mutations across four exons i.e. exon 18, 19, 20, 21 for changes in EGFR gene in tumor tissue
- This kit is in 6 well formats; all mutations are clubbed in 6 tubes including internal control and each tube mutations are labeled with four different dyes; HEX, FAM, Texas Red, CY5

ctDNA EGFR Real Time PCR Kit

- Detects 21 mutations across four exons; ie 18, 19, 20, 21 using plasma samples
- Mutations are clubbed in 8 tubes including internal control and are labeled with four different dyes; HEX, FAM, Texas Red, CY5

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EML4-ALK Real Time PCR Kit

- Gene Detection Kit that detects 21 most common fusion transcripts of the chimeric EML4-ALK gene in tumor tissue
- This kit is in Multiplex format and EML4-ALK mutations and IC are labeled with four different dyes; HEX, FAM, Texas Red, CY5

NRAS-Q Real Time PCR Kit

- Comprehensive detection of most common mutations in NRAS gene using tumor tissue samples
- Target 24 different mutations on exon 2, 3, 4 and the kit is in 4 well formats; all mutations are labeled with four different dyes; HEX, FAM, Texas Red, CY5

KRAS-Q Real Time PCR Kit

- Comprehensive detection of most common mutations in KRAS gene in tumor tissue samples
- Target 22 different mutations on exon 2, 3, 4 and kit is in 4 well formats; all mutations (along with IC) are labeled with four different dyes; HEX, FAM, Texas Red, CY5

Commercial Name	Cat No.	Compatible Instruments
NRAS-Q Real Time PCR Kit	G2M708621	Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
KRAS-Q Real Time PCR Kit	G2M708421	
ctDNA EGFR Real Time PCR Kit	G2M708721	
PML-RARA Real Time PCR Kit	G2M708821	
BCR-ABL Real Time PCR Kit	G2M708921	
BCR-ABL Quantitative Real Time PCR Kit	G2M802821	
EGFR-Q Real Time PCR Kit	G2M708121	
PIK3CA-Q Real Time PCR Kit	G2M708221	
EML4-ALK Real Time PCR Kit	G2M708321	
BRAF-Q Real Time PCR Kit	G2M708521	
HLA B27-Q Real Time PCR Kit	G2M801121	
BRCA-Q Real Time PCR Kit	G2M802421	
AML1 Fusion Real Time PCR Kit	G2M802921	
Jak2-Q Real Time PCR Kit	G2M802621	
FLT3-Q Real Time PCR Kit	G2M709021	



Genes2Me Pvt. Ltd.

1105, 11th Floor, Tower B, SAS Tower, Medicity,
Sector - 38, Gurgaon - 122 001, Haryana, India
Tel : + 91 18001 214030 / + 91 88000 23600
E-mail : contact@genes2me.com www.genes2me.com

