

In-Vitro **Diagnostic** Solutions

—
Analyzing Complex
Rare Diseases



CE IVD

GENES2[®]
mE
DX

- 60 Million Test Kits supplied in India & Globally
- Contributed in every 1 out of 5 COVID-19 RTPCR Tests done in India
- Manufacturing capacity of 2 Million tests/day of IVD Kits
- European CE-IVD Marked products



High Sensitivity & Specificity



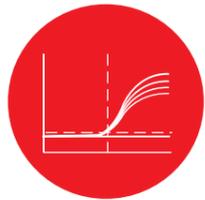
Entire Molecular Workflow Solutions



Compatible with all Common Platforms



Multiplex and Singleplex Assays



Reliable Results with Endogenous Internal Control



Extensively Validated on wide variety of Clinical Specimens



Aligned with Reference Controls



Quick Turnaround Time

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Leading Genetic Diagnostics in India with Expertise in Innovative IVD Solutions Development and Advanced Genomic Testing Services

Since its inception, Genes2Me has been tirelessly working with a mission to deliver Next Generation Diagnostic solutions making Molecular testing more accessible, easier and cost effective for everyone in India as well as around the world. We have demonstrated success in the past where we have delivered such Revolutionary and Path breaking Diagnostic solutions for Beta Thalassemia, Sickle Cell Anaemia, Cystic Fibrosis, Pharmacogenomics, COVID-19, etc.

During the COVID pandemic, Genes2Me have significantly changed its gears to Manufacturing of IVD Kits and Instruments. The company have been able to develop path-breaking solutions which have helped Government and Private Diagnostic Infrastructures to deliver Faster testing results in Cost effective manner. Carrying the legacy, Genes2Me has now expanded the portfolio of Real Time PCR Kits, Point of Care Testing Solutions, Extraction Kits, NGS Kits and Rapid Kits beyond COVID-19 and developed a revolutionary range of products.



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.

Sensitivity & Specificity

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

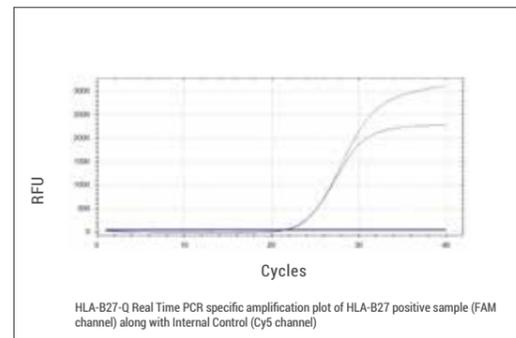
Highly Accessible

Compatible with commonly available Real Time PCR instruments

● HLA B27-Q Real Time PCR Kit

Human leukocyte antigen (HLA) B27 is majorly found in patients suffering with Ankylosing Spondylitis (AS) which is a type of arthritis that affects the spine.

Although it can occur at any age, spondylitis most often strikes men in their teens and 20s. Traditionally "AS" has been considered a disease that affect mostly men, yet in reality, it also affects many women. People who are HLA-B27 positive are also more likely to experience early onset "AS" than HLA-B27 negative individuals.



- Extremely accurate and Gold standard tests
- Amplification of allelic gene region using target specific primers & probes
- Target : B locus in the MHC on chromosome 6
- Rapid and reliable detection of HLA- B27 (FAM channel) & Internal control (Cy5 channel)

○ BCR-ABL-Q Real Time PCR Kit

BCR-ABL1 refers to a gene sequence found in an abnormal chromosome 22 of some people with certain forms of leukemia

BCR-ABL1 testing detects the Philadelphia chromosome and BCR-ABL1 fusion gene or its transcripts, which are the RNA copies made by the cell from the abnormal stretches of DNA. The presence of the BCR-ABL1 abnormality confirms the clinical diagnosis of CML, a type of ALL, and rarely acute myeloid leukemia (AML).

BCR-ABL-Q Real Time PCR Kit is a detection of BCR-ABL breakpoint gene fusion transcripts in total RNA isolate from clinical samples i.e. bone marrow & peripheral blood samples.

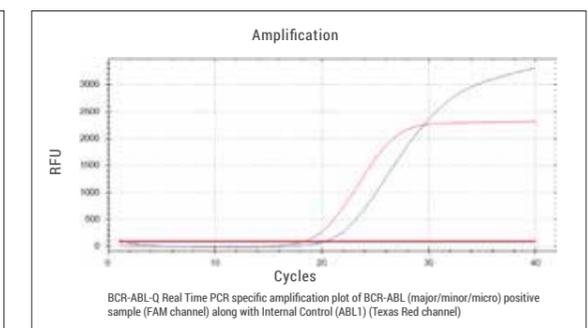
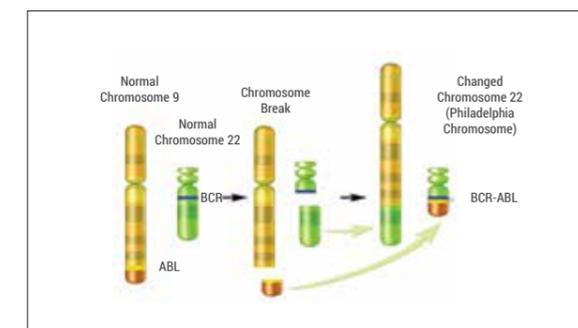
Total RNA is reverse-transcribed, and the generated cDNA is amplified by PCR

Detection and differentiation of BCR-ABL1 (Major, Minor and Micro) transcripts using specific primers and probe (FAM channel) and Endogenous control (TEXAS Red channel)

Breakpoint Gene Fusion Transcripts

Major-BCR [M-p210-[e14a2 & e13a2]
Minor-BCR (M-p190-[e1a2])
Micro-BCR (M-p230-[e19a2])

BCR-ABL Fusion Gene [chromosome 9
and chromosome 22 (Translocation)]



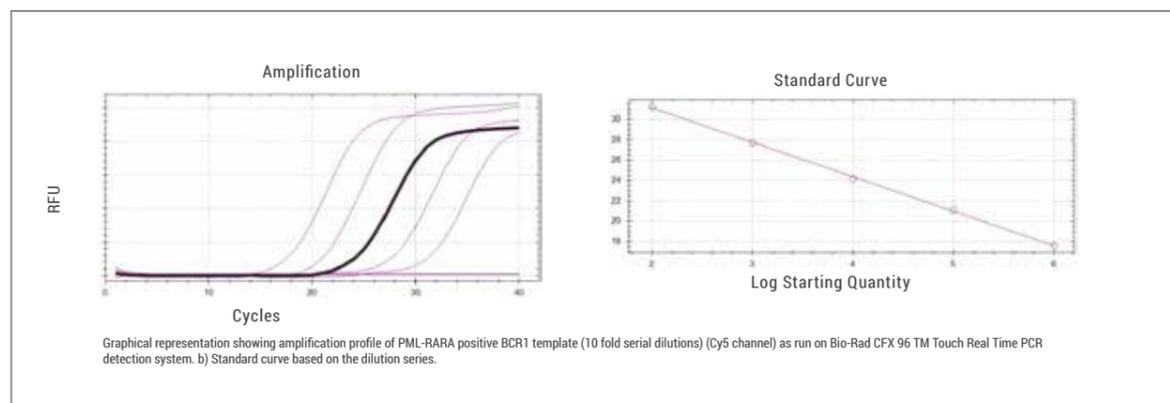
● BCR-ABL Quantitative Real Time PCR Kit

- 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

● PML-RARA-Q Real Time PCR Kit

Promyelocytic leukemia/ retinoic acid receptor alpha or PML-RARA refers to an abnormal fusion gene sequence. It is a specific rearrangement of genetic material from two separate chromosomes (chromosomal translocation) and is associated with a specific type of leukemia.

- PML-RARA-Q Real Time PCR Kit is a nucleic acid amplification assay for quantitative detection of PML-RARA t(15;17) translocation in human clinical samples
- Multiplex detection assay for identification & differentiation of Long (bcr1), Variant (bcr2) and Short (bcr3) fusion transcripts along with Endogenous Control
- Higher sensitivity and specificity with rapid analysis



○ EML4-ALK Real Time PCR Kit

- Fusion between echinoderm microtubule-associated protein-like 4 (EML4) and anaplastic lymphoma kinase (ALK)
- Recombinant EML4-ALK activates the receptor tyrosine kinase's downstream signaling pathway, which includes PI3K/AKT, leading to carcinogenesis
- Based on analysis of tumor messenger RNA, EML4-ALK fusions can be detected by real-time PCR method
- Detects 12 mutation types of EML4-ALK fusion gene & 14 types of ROS1 fusion gene mutations in human known-small cell lung cancer samples

● EGFR-Q Real Time PCR Kit

- Epidermal growth factor receptor (EGFR) is a trans-membrane glycoprotein that regulates signaling pathways to control cellular proliferation.
- Mutations in epidermal growth factor receptors have been studied to be associated with some lung cancers.
- EGFR-Q Real Time PCR kit detects mutations across four exons i.e. exon 18, 19, 20, 21 in the samples from patients with non-small cell lung cancer.
- Intended to detect 19 deletion mutations and presence/ absence of GT19X mutation or insertional mutations.

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
- Single tube assay, targeting sequences to detect V617F mutation ie. Point mutation 1849 (G→T) V617F in the JAK2 gene



KRAS-Q Real Time PCR Kit

- KRAS gene, instructs production of K-Ras protein, a part of the RAS/MAPK pathway.
- Mutations in KRAS gene have been found in some types of cancer, including non-small cell lung cancer, colorectal cancer, and pancreatic cancer.
- KRAS- Q Real Time PCR kit is intended for detection of 8 mutations in codons 12 and 13 of exon 2 of K-ras gene in extracted DNA from human paraffin-embedded samples.

BRCA-Q Real Time PCR Kit

- BRCA1 & BRCA2 as two primary breast cancer susceptibility genes in identifying mutations, are thus important to assess cancer risk and decision for treatment
- Specific detection of six different BRCA1 & 2 Gene Mutations
- BRCA1 gene mutations: 185delAG, 300T>G, 4153delA, 5382insC & 2080delA ; BRCA2 gene mutation: 6174delT

AML1 Fusion Real Time PCR Kit

- AML1 Fusion Real Time PCR Kit is an in vitro diagnostic test for the qualitative detection of fusion of AML1 and ETO gene in clinical samples.
- In vitro* detection of AML1-ETO fusion gene transcripts [AML1 exon 5 is fused to ETO exon 2].

FLT3-Q Real Time PCR Kit

- FLT3-Q Real Time PCR Kit intends to detect internal tandem duplications (ITD) and tyrosine kinase domain (TKD) mutation (D835) in the FLT3 gene.
- Combined assay including RT-PCR based mutation detection (TKD mutation) and Conventional PCR- gel electrophoresis based mutation detection (ITD mutation) in genomic DNA extracted from peripheral blood of patients diagnosed with acute myelogenous leukemia (AML).

BRAF-Q Real Time PCR Kit

- BRAF mutations are commonly found in malignant tumors such as melanoma, colorectal cancer, thyroid cancer, and lung cancer.
- BRAF-Q Real Time PCR kit is intended for detection of BRAF gene V600E mutation in genomic DNA extracted from FFPE tissue.

Commercial Name	Cat No.	Compatible Instruments
KRAS-Q Real Time PCR Kit	G2M708421	Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
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	
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	

Upcoming Products

- ⇒ PIK3CA-Q Real Time PCR Kit
- ⇒ NRAS-Q Real Time PCR Kit
- ⇒ ctDNA EGFR Real Time PCR Kit

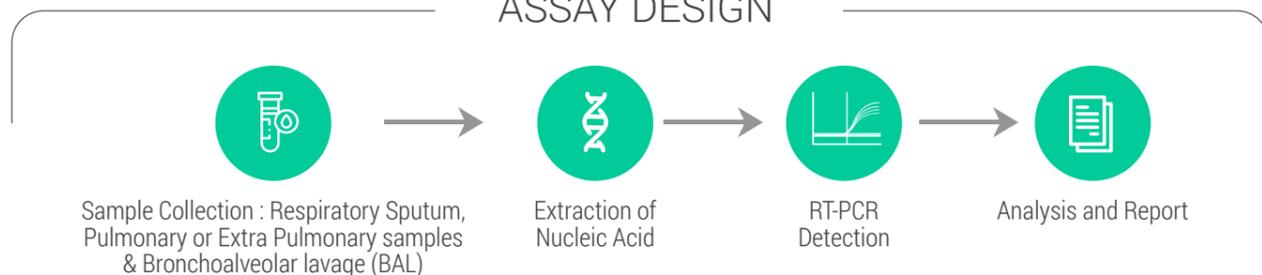
- Detection of *M. tuberculosis* using Taqman chemistry
- High Standard Kits using specific primers & fluorescent probes
- No cross reactivity with other pathogens

Mycobacterium Tuberculosis Detection

The Mycobacterium tuberculosis complex (MTC or MTBC) is a genetically related group of Mycobacterium species that cause tuberculosis in humans & spread via respiratory tract, digestive tract and skin injuries, thus affecting various organs and tissues.

People with prolonged infection or close contact with infected people are at particularly high risk and those with active but untreated tuberculosis may infect more people annually. Thus, Genes2Me qRT-PCR kits are designed for rapid and accurate detection of *M. tuberculosis* in patient specimens & preventing them from delayed diagnosis and severe health losses.

ASSAY DESIGN



MTC-Q Real Time PCR Kit TBdTECT

- Detection of Mycobacterium tuberculosis infection in clinical samples
- Targets Covered: IS6110, MPt64 genes

TB-Q Comprehensive Real Time PCR Kit TBFind

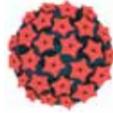
- Allows Simultaneous detection of MTB & MDRTB (Multidrug- resistant tuberculosis)
- Targets Covered: MPt64, rpoB, katG, inhA genes
- 16 mutations covered for two first line drugs ie. isoniazid (INH) & rifampicin (RIF) resistant/ sensitive tuberculosis



MTB-NTM Multiplex Real Time PCR Kit

- Detects Non-tuberculosis mycobacterium infections causing lung diseases/ non causative agents of TB.
- Targets Covered: multiple NTM genotypes including *M. abscessus*; *M. avium*; *M. fortuitum*; *M. kansasii*; *M. intracellulare*; *M. massiliense*; *M. chimaera*
- Accurate Detection and Differentiation of tuberculosis with NTM
- Targets Covered: NTM specific - HSP65 gene
MTB specific - MPt64 gene

Commercial Name	Cat No.	Compatible Instruments
TBdTECT	G2M707321	Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
TBfind	G2M803121	
MTB-NTM Multiplex Real Time PCR Kit	G2M707421	



Human Papilloma Virus (HPV) Detection

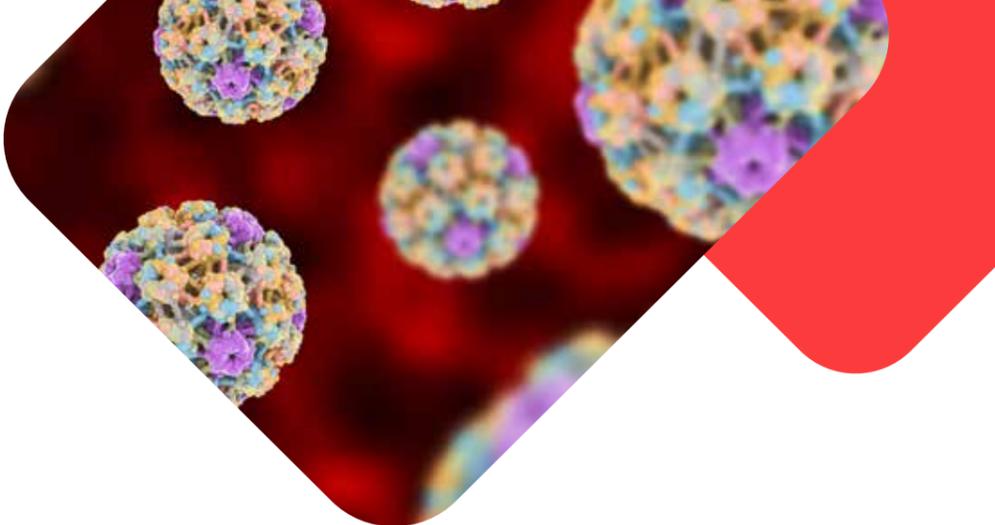
DNA viral infection caused by Human Papilloma Virus (HPV) infects various human cells including skin & epithelial mucosal cells. Some HPV infections cause no symptoms while others are highly pathogenic.

Among different types of HPV, some genotypes leads to serious health problems, including genital warts, pre-cancerous lesions, mouth/ throat, cervical, vaginal and penile cancers which may be transmitted either via skin to skin contacts or sexual transmission.

- **High Sensitivity & Specificity** : $\geq 99\%$
- Compatible With Commonly Available Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
- **Sample Source** : Vaginal swab/Cervical swab

○ HPV-Q Comprehensive Real Time PCR Kit

- Comprehensive Real Time PCR in vitro diagnostic test for the detection of 28 HPV genotype including high risk HPV and low risk HPV genotypes in DNA extracted from clinical samples
- Differential identification of HPV16 and HPV18 genotype
- Qualitative detection of
 - 12 High Risk genotypes including HPV 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68
 - 14 Medium-Low risk genotypes including HPV 6, 11, 83, 54, 26, 81, 61, 44, 40, 43, 42, 82, 53, 73

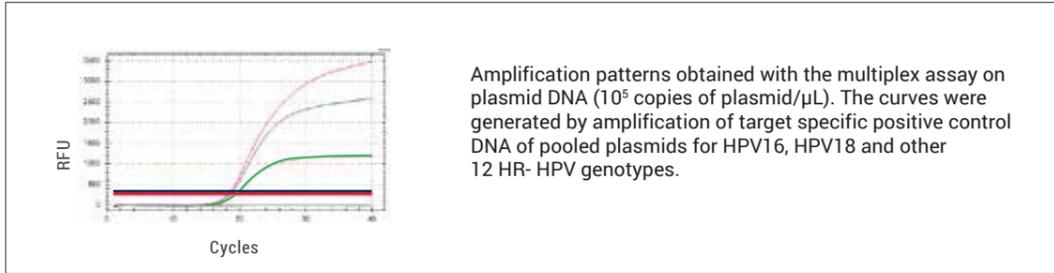


● HPV-Q Real Time PCR Kit

Multiplex diagnostic kit is designed for HPV identification using E6/E7 gene specific targets for 14 High Risk Genotypes using specific primers and florescent labeled probes.

Qualitative Screening of 14 High Risk Genotypes

- Allows differential identification of HPV 16, HPV 18 and 12 other pooled High Risk HPV genotypes including HPV 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68
- Separate dyes for following HPV genotypes :
 - HPV 16 (HEX)
 - HPV 18 (ROX)
 - 12 pooled High risk HPV genotypes (FAM)
 - Endogenous control-RNaseP (Cy5)



Commercial Name	Cat No.
Human Papilloma Virus (HPV) Q Real Time PCR Kit	G2M706721
HPV-Q comprehensive Real Time PCR Kit	G2M803921

Reproductive Health

Genes2Me RT-PCR Kits offer efficient qualitative clinical diagnosis of patient specimens associated with inflammatory diseases, bacterial infection in reproductive organs, infertility and sexually transmitted infections (STIs)

● Syphilis-Q Real Time PCR Kit

- Detection of Treponema pallidum specific gene with Taqman Chemistry on Real Time PCR based methodology
- Target covered: poA gene

○ T. Vaginalis (TV)-Q Real Time PCR Kit

Detection of Trichomonas vaginalis (TV) specific malic enzyme gene in human samples

● U. Urealyticum-Q Real Time PCR Kit

- Detection of Ureaplasma urealyticum in clinical samples using target sequence within the urease complex
- Target covered: ureG gene

○ HHV-Q Real Time PCR Kit

- Identification and differentiation of Human Herpesvirus variants HHV6/7/8 in clinical samples
- Variants covered: HHV6 specific - U31 gene
HHV7 specific - U57 gene
HHV8 specific - ORF65 gene

● C.Trachomatis-Q Real Time PCR Kit

- Detection of Chlamydia trachomatis in clinical samples
- Target covered: ompA gene

● M. Hominis (MH)-Q Real Time PCR Kit

- Detection of Mycoplasma hominis (MH) bacterial strain specific gene in clinical samples
- Target covered: tuf gene

○ HSV-Q Real Time PCR Kit

- Multiplex assay for detection of Herpes Simplex Virus 1 (HSV-1) and Herpes Simplex Virus 2 (HSV-2) in clinical samples
- Target covered: UL30 gene

● N. Gonorrhoeae (NG)-Q Real Time PCR Kit

- Detection of Neisseria Gonorrhoeae specific DNA in clinical samples
- Target covered: poA gene

○ Toxo-Q Real Time PCR Kit

- Toxoplasma gondii infection causes toxoplasmosis forming tissue cysts, most commonly in skeletal muscle, brain, and eyes; which may remain throughout the life of the host
- Diagnosis of congenital infections can be achieved by detecting B1 gene of T. gondii in amniotic fluid using real-time PCR

Commercial Name	Cat No.	Compatible Instruments
Neisseria Gonorrhoeae (NG) Q Real Time PCR Kit	G2M706421	Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
Trichomonas Vaginalis (TV) Q Real Time PCR Kit	G2M706621	
Mycoplasma Hominis (MH) Q Real Time PCR Kit	G2M707221	
Syphilis-Q Real Time PCR Kit	G2M705521	
HSV-Q Real Time PCR Test Kit	G2M705221	
STI7-Q Real Time PCR Kit	G2M709121	
STI- Q Comprehensive Real Time PCR Kit	G2M803721	
U. Urealyticum-Q Real Time PCR Kit	G2M801421	
HHV-Q Real Time PCR Kit	G2M802421	
Toxo-Q Real Time PCR Kit*	G2M709621	
C.Trachomatis-Q Real Time PCR Kit*	G2M804025	

● STI-Q Comprehensive Real Time PCR Kit

Comprehensive Multiplex Real Time PCR Kit

Aims to qualitatively detects & differentiates causative organisms for Sexually Transmitted Infections in clinical samples along with parallel detection of Internal control

Pathogens Covered

- Mycoplasma genitalium
- Mycoplasma hominis
- Neisseria gonorrhoeae
- Trichomonas vaginalis
- Ureaplasma parvum
- Ureaplasma urealyticum
- Herpes Simplex Virus -1
- Herpes Simplex Virus -2
- Treponema pallidum (Syphilis)
- Candida albicans
- Toxoplasma gondii
- Chlamydia trachomatis*

Pathogens Covered

- Mycoplasma genitalium
- Mycoplasma hominis
- Neisseria gonorrhoeae
- Trichomonas vaginalis
- Ureaplasma parvum
- Ureaplasma urealyticum
- Herpes Simplex Virus-1/2
- Chlamydia trachomatis*

○ STI7-Q Real Time PCR Kit

Multiplex Real Time PCR Kit

Qualitative detection & differentiation of seven major sexually transmitted infections (STIs) causative pathogens in clinical samples along with parallel detection of Endogenous Internal control

Multiple Specimen

Wide variety sample specimens including Urine, Tissue Swab (Vagina/ cervix/ urethra), Endocervical Swab, Genital Swab/ Fluid and Prostatic Fluid



Respiratory Disease Diagnostics

Respiratory tract infection and lung diseases are highly prevalent in people due to air pollution, pollen, smoking or random exposure to infected people causing immense health drifts.

Molecular diagnostics have revealed high frequency of respiratory viral infections contributing to high clinical evaluations. Thus, high analytical sensitivity, rapidity & multiplexing capacity with increasing affordability marks QRT-PCR kits the priority in diagnostic labs.

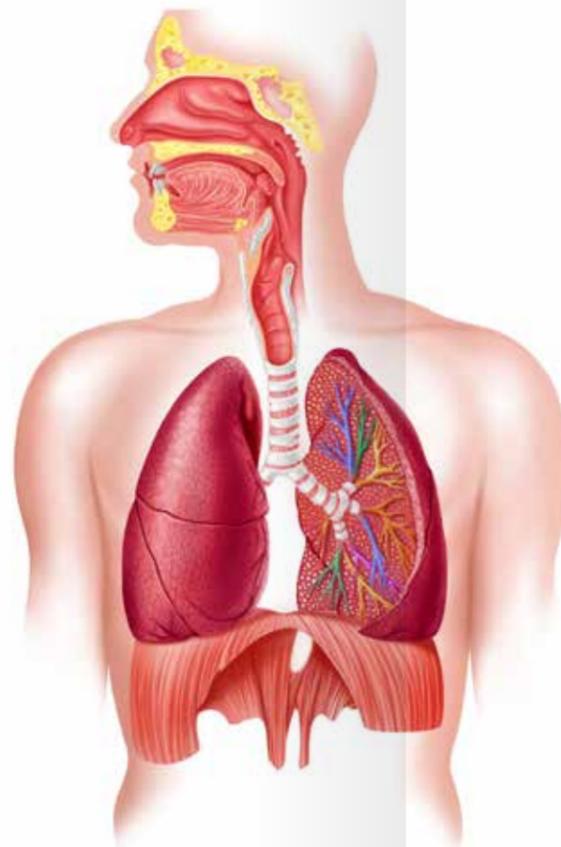
● Influenza A/B-Q (H1N1 & H3N2) Real Time PCR Kit

- Multiplex kit for simultaneous detection & differentiation of Influenza A, Influenza B & Influenza A subtypes H1N1 & H3N2 virus specific RNA along with Internal control
- Gene Targets covered : Influenza A- Matrix protein 2 gene
: Influenza B- Hemagglutinin (HA) gene
: Influenza A Subtypes- H1N1 & H3N2 (HA) gene

Commercial Name	Cat No.	Compatible Instruments
Influenza A/B-Q Real Time PCR Kit	G2M706021	Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
B. Pertussis-Q Real Time PCR Kit	G2M706821	
S. Pneumonia-Q Real Time PCR Kit	G2M706921	
M. Pneumonia-Q Real Time PCR Kit	G2M707721	
Measles-Q Real Time PCR Kit	G2M705721	
LP-MP Multiplex Real Time PCR Kit	G2M707921	
Adeno-Q Real Time PCR Kit	G2M707821	
RSV-Q Real Time PCR Kit	G2M801221	
ParaFlu-Q Real Time PCR Kit	G2M801921	
MERS-Q Real Time PCR Kit	G2M802121	
RCP-Q Comprehensive Real Time PCR Kit	G2M803521	

Sample Source

Nasopharyngeal Swab, Oropharyngeal Swab, Nasal Swab, Throat Swab, Sputum, Respiratory Sputum, Pulmonary, Extra Pulmonary and Bronchoalveolar lavage (BAL)



○ RCP-Q Comprehensive Real Time PCR Kit (Respiratory Comprehensive Panel)

- Identify and differentiate major causative organisms of respiratory tract infections
- Pathogens covered: Parainfluenza 1, Parainfluenza 2, Parainfluenza 3, Parainfluenza 4, Enterovirus, Metapneumovirus, Influenza A, Influenza B, RSV A/B, Adenovirus, Parechovirus, Bocavirus, Rhinovirus, Coronavirus 229E, Coronavirus OC43, Coronavirus NL63, Coronavirus HKU1, Pandemic H1N1 Influenza A & SARS-COV2; along with parallel detection of Internal control

○ ParaFlu-Q Real Time PCR Kit

- Identification and differentiation of Parainfluenza variants in clinical samples from patients with signs and symptoms of respiratory infection
- Target covered: Para1-HN gene; Para2, 3, 4 - NP genes

● BP-Q Real Time PCR Kit

- Target covered: Bordetella pertussis bacterial strain specific mnmG gene in posterior nasopharyngeal swab samples

○ RSV-Q Real Time PCR Kit

- Detection of RSV and differentiation between RSV subtype A and B specific RNA in clinical samples
- Target covered: NS1 gene specific targets in nasopharyngeal/ oropharyngeal swab samples

● M. Pneumonia-Q Real Time PCR Kit

- Target covered: Mycoplasma pneumonia bacterial CARDS toxin (annotated mpn 372) gene in nasopharyngeal fluid, sputum and throat swab samples

○ LP-MP Multiplex Real Time PCR Kit

- Multiplex kit for identification and differentiation of Legionella pneumophila (LP)/ Mycoplasma pneumoniae (MP)
- Target covered: LP specific 16S rRNA & MP specific CARDS toxin gene

● Measles-Q Real Time PCR Kit

- Detection of highly contagious infection of eyes, nose, skin & throat caused by Measles virus
- Target covered: N gene, H genes specific targets from measles virus

○ S. Pneumonia-Q Real Time PCR Kit

- Target covered: Streptococcus pneumonia specific lytA gene in nasopharyngeal/ oropharyngeal swabs

● Adeno-Q Real Time PCR Kit

- Singleplex assay for detection of respiratory illness caused by Adenovirus
- Target covered: Adenovirus specific L3 gene in nasopharyngeal/ oropharyngeal swabs

○ MERS-Q Real Time PCR Kit

- Detection of Middle East Respiratory Syndrome specific RNA in nasopharyngeal/ oropharyngeal swab samples
- Target covered: MERS specific ORF1 & upE genes

COVID-19 Solutions

Varied range of superior quality kits for in vitro detection of SARS-CoV-2 (COVID-19) and Omicron variant in respiratory specimens of suspected cases of COVID-19 disease

Multi Target Design

Coverage of multiple genes specific to SARS-COV-2 along with IC, thus enhancing the accuracy of results

Superior Accuracy

High sensitivity and specificity in results

RT-Direct

Multiplex Real Time PCR Kit for COVID-19

- Superior coverage of 3 gene ie RdRp, N and E gene (along with RNaseP as Internal Control)
- Single tube Qualitative extraction free results
- Easy to perform and saves time, cost and manpower as it does not require RNA extraction process

Covidtect

Multiplex RT PCR Kit For COVID-19

- Coverage of three genes i.e. S, RdRp and N gene (along with RNaseP as Internal Control)
- With no amplification in S gene ie S gene drop out, this test can be used as marker for possibility of Omicron variant

CoVFlu

One Step RT PCR Kit

CoVFlu is a unique detection kit for highly contagious respiratory diseases caused by three different viruses i.e. SARS-CoV-2, RSV and Influenza A/B. These viruses spread via similar ways (respiratory droplets/aerosols) and show common signs and symptoms of infection ranging from mild to severe.

Since, the severity of spread, illness, complications and mortality rate is much higher in COVID-19; there is a need for accurate detection of Influenza A/B, RSV & SARS-CoV-2 for effective treatment and drugs.

Multi Target Design

One step RT- PCR kit having differential labeled Probes for multiplexing in single tube

- Influenza A/B Targets (FAM dye)
- COVID-19 Targets i.e. RdRp & N Gene (Texas Red dye)
- RSV(Cy5)
- RNaseP (HEX dye)

CoVFlu-II

One Step RT PCR Kit

Multi Target Design

One step RT- PCR for qualitative & differential detection of SARS-CoV-2, Influenza A & B

- Influenza A Targets (HEX dye)
- Influenza B Targets (Texas Red dye)
- SARS-CoV-2 (FAM dye)
- RNaseP (Cy5 dye)

ViralDTECT-II

Multiplex Real Time PCR Kit for COVID-19

- Coverage of 3 gene along with Internal control
- E gene (FAM dye);
- RdRp gene (Texas Red dye);
- N gene (Cy5 dye);
- RNaseP (HEX dye)

Commercial Name	Cat No.	Compatible Instruments
CoVFlu – ONE STEP RT-PCR Kit	G2M272721	ABI Prism®7500, BioRad CFX96, Stratagene/ Agilent MX3000P, Rotor-Gene Q 5 plex, Roche Light Cycler 480 Instrument II or any other 4 plex system with FAM, Texas Red & HEX Channels.
CoVFlu-II – ONE STEP RT-PCR Kit	G2M709821	
COVIDtect Multiplex RT PCR Kit for COVID-19	G2M030321	
RT Direct Multiplex Real Time PCR Kit for COVID-19	G2M020321	
ViralDTECT-II Multiplex Real Time PCR Kit for COVID-19	G2M020220	



Infectious Diseases

For various viral infections, high sensitivity and specificity are required for early detection and prevention of further spread. Qualitative detection of infectious diseases is accomplished by viral RNA detection using reverse transcription–polymerase chain reaction (RT-PCR) Kits.

● Anti Microbial Resistance/AMR (MDR-Q Real Time PCR Kit)

- This kit is used for in vitro qualitative detection of *Klebsiella pneumoniae* (KPN), *Acinetobacter baumannii* (Aba), *Pseudomonas aeruginosa* (PA) and four carbapenem resistance genes (which include KPC, NDM, OXA48 and IMP) in human sputum samples & *Staphylococcus aureus* and methicillin-resistant *Staphylococcus aureus* nucleic acids in human sputum samples, skin and soft tissue infection samples, and whole blood samples.

○ GCP-Q Comprehensive Real Time PCR Kit (Gastro-intestinal Comprehensive Panel)

- Aims to identify and differentiate major target pathogens of gastro-intestinal infections in clinical samples
-
- Pathogens covered: includes *Pastorvirus*, *Rotavirus*, *Norovirus* Genotype I, *Norovirus* Genotype II, *Adenovirus*, *Clostridium difficile*, *Campylobacter* spp., *Salmonella* spp., enteroinvasive *E.coli* (EIEC)/*Shigella* spp., verotoxigenic *E.coli* (VTEC), *Yersinia enterocolitica*, *Entamoeba histolytica*, *Cryptosporidium* spp. & *Giardia duodenalis* ; along with parallel detection of Internal control

○ Sepsis-Q Real Time PCR Kit

- Syndrome commonly caused by inflammatory response of immune system as a result of bacterial, viral, protozoan or fungal infections.
- Highly comprehensive assay for detection of 19 causative organisms including:

- *E. coli*
- *S. aureus*
- *Enterococcus faecalis*
- *Klebsiella pneumoniae*
- *Staphylococcus* spp
- *Enterococcus faecium*
- *Acinetobacter baumannii*
- *Stenotrophomonas maltophilia*
- *Pseudomonas aeruginosa*,
- *Candida albicans*
- *Staphylococcus epidermidis*
- *Candida glabrata*
- *Aspergillus* spp.
- *Candida tropicalis*
- *Streptococcus* spp.
- *Haemophilus influenzae* (type B)
- *Streptococcus pneumoniae*
- *Listeria monocytogenes*
- *Salmonella enterica*

H. Pylori-Q Real Time PCR Kit

- *H. pylori* bacterium majorly infects the mucus lining of the stomach & duodenum. Many cases of peptic ulcers, gastritis, and duodenitis are caused by *H. pylori* infection
- Detection of *Helicobacter pylori* bacteria specific DNA in tissue, stool samples
- Targets covered: Ure C & Cag A genes

Infectious Diseases

- **VZV-Q Real Time PCR Kit**
 - Detection of Varicella zoster virus (VZV) in vesicular fluid, lesion swab samples
 - Targets covered: VZV specific ORF29 gene
- **C. Albicans (CA)-Q Real Time PCR Kit**
 - Detection of Candida albicans specific small subunit ribosomal RNA gene in clinical samples
- **Rubella-Q Real Time PCR Kit***
 - Rubella is a contagious viral infection that causes rashes, fever & sore throat; mostly affecting children & young adults
 - Detection of Rubella non-structural polyprotein p200 gene in clinical samples
- **CMV-Q Real Time PCR Kit***
 - Cytomegalovirus causes serious infections to various body parts and growth problems to new born babies
 - Qualitative/ Quantitative detection of specific target using Taqman chemistry on Real Time PCR
 - Gene Targets: RL1, IE1 & PP65 genes

Commercial Name	Cat No.	Compatible Instruments
H. Pylori-Q Real-Time PCR Kit	G2M706321	Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
BK-Q Real Time PCR Kit	G2M705421	
EBV-Q Real Time PCR Kit	G2M705621	
Nipah-Q Real Time PCR Kit	G2M705921	
VZV-Q Real Time PCR Kit	G2M705821	
Human Parvovirus-Q Real Time PCR Kit	G2M706521	
C. Albicans-Q Real Time PCR Kit	G2M708021	
Rota-Q Real Time PCR Kit	G2M801621	
SS-Q Real Time PCR Kit	G2M801721	
EEC-Q Real Time PCR Kit	G2M801321	
MCP-Q Comprehensive Real Time PCR Kit	G2M803821	
GCP-Q Comprehensive Real Time PCR Kit	G2M803621	
Sepsis-Q Real Time PCR Kit	G2M804026	
Anti Microbial Resistance/AMR (MDR-Q Real Time PCR Kit)	G2M707521	
Rubella-Q Real Time PCR Kit*	G2M804023	
CMV-Q Real Time PCR Kit*	G2M709521	

*Research use only



MCP-Q Comprehensive Real Time PCR Kit (Meningitis Comprehensive Panel)

- Aims to qualitatively detects & differentiates causative organisms for major infections related to the inflammation of protective membranes of brain and spinal cord
- Pathogens covered: Herpes simplex virus 1, Herpes simplex virus 2, Varicella-Zoster virus, Parvovirus B19, Human Herpesvirus 6 (HHV-6), Human Herpesvirus 7 (HHV-7), Enterovirus, Parechovirus, Haemophilus influenzae, Neisseria meningitidis and Streptococcus pneumoniae; along with parallel detection of Internal control

- **BK-Q Real Time PCR Kit**
 - Detection of Polyomavirus BK virus specific Ag/VP2 gene in clinical samples
- **EBV-Q Real Time PCR Kit**
 - Detection of Epstein Barr Virus 1 & 2 specific LMP-2A gene in human blood samples
- **Nipah-Q Real Time PCR Kit**
 - Detection of RNA from Nipah virus (NiV) specific Nucleocapsid protein gene in throat and nasal swab samples
- **Rota-Q Real-Time PCR Kit**
 - Detection of Rotavirus specific mgpB in stool samples
- **SS-Q Real Time PCR Kit**
 - Detection of Salmonella & Shigella in stool samples
 - Targets covered: Salmonella specific fimA gene & Shigella specific dnaA gene
- **EEC-Q Real Time PCR Kit**
 - Detection of Enterovirus, Enterovirus 71 and Coxsackie Virus A16 in clinical samples including nasal and pharyngeal secretions, etc
 - Pathogenes covered: Enterovirus specific - 5'UTR gene
Enterovirus 71 specific - polyprotein gene
Coxsackie Virus A16 specific - polyprotein gene
- **Human Parvovirus (B19)-Q Real-Time PCR Kit**
 - Qualitative detection of Human Parvovirus (B19) specific NS1 gene in clinical sample

Blood Borne Infectious Diseases

Infectious pathogens possess severe risk to people coming in exposure of chronic infectious samples.

Blood borne infections spread mainly through peri-natal and horizontal transmission including exposure to blood from unsafe injection practices, tattooing, piercing, or through body fluids such as saliva, urine, semen and breast milk, unsafe health care, unscreened blood transfusions, injection drug use and sexual practices that lead to exposure to blood. Other diseases spread by direct contact with infectious body fluids developing serious harms.

Commercial Name*	Cat No.	Compatible Instruments
HBV-Q Real Time PCR Kit	G2M709221	Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
HCV-Q Real Time PCR Kit	G2M709321	
HIV-Q Real Time PCR Kit	G2M709421	
3H-Q Real Time PCR Kit	G2M804022	

*Research Use Only

- **HBV-Q Real Time PCR Kit**
 - Hepatitis B viral infection attacks liver and have potential for acute and chronic life-threatening liver infections, failure or death
 - Qualitative/ Quantitative detection kit for identification of the specific CR gene target DNA using fluorescent labeled primers and probes
- **HIV-Q Real Time PCR Kit**
 - HIV infection causes acute retroviral syndrome in human or host cells, since virus uses the host cell's machinery to convert the viral RNA into DNA and replicate itself
 - Allows Qualitative/ Quantitative detection of HIV Pol, gag genes using Taqman chemistry on Real Time PCR based method
- **HCV-Q Real Time PCR Kit**
 - Hepatitis C viral infection causes both acute and chronic hepatitis, ranging in severity from a mild illness to a serious, lifelong illness including liver cirrhosis and cancer
 - Qualitative/ Quantitative detection of target specific HCV Poly gene in clinical samples using Real Time PCR

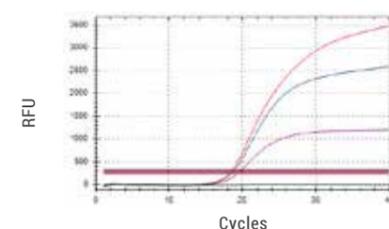
3Hdtect - Q

Multiplex Real Time PCR Kit

Gene targets covered:

HCV specific: Poly gene
 HBV specific: CR gene
 HIV specific: pol, gag genes

Simultaneous detection of Hepatitis B, Hepatitis C & HIV viruses



Individual target specific primers and probes for multiple virus detection in a single reaction through separate fluorescent channels

Sample Source

Blood/ Serum/
Plasma



Vector Borne Transmission Detection

Mosquito borne diseases including Dengue, Chikungunya and Malaria are difficult to diagnose in early stages because of the initial similar symptoms they possess including Fever & Headache, being the most prominent.

Since, the line of treatment, preventive measures and drugs vary for different infections, if the key differences are not detected and treated on time, the diseases could prove fatal. Thus, a rapid and accurate detection of patient specimens using in-vitro RT-PCR based diagnostic kits add value to the clinical and public health importance.

Commercial Name	Cat No.	Compatible Instruments
DENGUE-Q Real Time PCR Kit	G2M705021	Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
Malaria-Q Real Time PCR Kit	G2M706221	
Chikungunya-Q Real Time PCR Kit	G2M705321	
Zika Real Time PCR Kit	G2M262621	
Y. Fever-Q Real Time PCR Kit	G2M801821	
J.encephalitis -Q Real Time PCR Kit	G2M802021	
W. Nile-Q Real Time PCR Kit	G2M802321	
Para-Q Multiplex Real Time PCR Kit	G2M706121	
Para2-Q Real Time PCR Kit	G2M801521	

Chikungunya-Q Real Time PCR Kit

- Detection of Chikungunya virus specific polyprotein gene

Zika-Q Real Time PCR Kit

- Multiplex real- time PCR kit with specific primers and fluorescent probes targeting genes of ZIKA Virus
- One step detection using RNA as template, thus rapid and extremely accurate

Malaria-Q Real Time PCR Kit

- Detection of malarial parasite specific 18S SSU rRNA gene in blood, serum/plasma samples
- Target pathogens: Plasmodium knowlesi, Plasmodium vivax, Plasmodium falciparum, Plasmodium ovale, Plasmodium malariae

J. Encephalitis-Q Real Time PCR Kit

- Detection of Japanese encephalitis in cerebrospinal fluid (CSF) & serum specimens from patients
- Target covered: Polyprotein gene

W. Nile-Q Real Time PCR Kit

- Detection of West Nile Virus (WNV) specific polyprotein gene in clinical samples
- Target covered: Polyprotein gene

Y. Fever-Q Real Time PCR Kit

- Detection of Yellow Fever Virus specific gene targets in patients with signs and symptoms of infection

Para-Q Multiplex Real Time PCR Kit

- Differential diagnosis in a single test
- Multiplex kit with coverage of targets specific to Dengue, Malaria & Chikungunya along with Internal Control

Dengue-Q Real Time PCR Kit

- Designed for diagnosis of dengue virus in clinical samples
- Coverage of 4 DENV serotypes DENV 1, 2, 3, 4 along with Internal control
- Targets covered :
DENV1-subgenomic flavivirus RNA (sfrNA1)
DENV2, 3, 4- subgenomic flavivirus RNA (sfrNA2)

Para2-Q Real Time PCR Kit (Tropical Diseases Fever Panel)

- Identification & differentiation of various vector borne transmission diseases
- Pathogens covered: Dengue, Chikungunya, Zika, Y. Fever, W. Nile & J. Encephalitis; along with parallel detection of Endogenous control
- Aids in clinical diagnosis in combination with Clinical and Epidemiological risk factors

Genetic Disorders

Genes2Me Real-time PCR kits offer in vitro nucleic acid amplification based on Taqman chemistry for detection of various genetic disorders including Sickle Cell Anemia, Beta Thalassemia & Duchenne Muscular Dystrophy.

These kits are designed to detect different mutations associated with specific genetic disorders.

These assays are compatible with commonly available Real-Time PCR instruments.



Commercial Name	Cat No.	Compatible Instruments
YCM-Q Real Time PCR Kit	G2M803021	Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
SCA-Q Real Time PCR Kit	G2M803221	
BT-Q Real Time PCR Kit	G2M803321	
Thrombosis-Q Comprehensive Real Time PCR Kit	G2M803421	

○ Thrombosis-Q Real Time PCR Kit

- Thrombosis-Q Comprehensive Real Time PCR Kit is an in vitro diagnostic test for the detection of Thrombosis specific mutation in DNA extracted from clinical samples
- Intends to detect Factor II mutation in the 3'UTR region of FII gene i.e. G20210A (Prothrombin mutation/a change of guanine to adenine) and Factor V Leiden mutations i.e. G1691A mutation, MTHFR C677T mutation and MTHFR A1298C mutation in human biological samples

● SCA-Q Real Time PCR Kit (Sickle Cell Anemia)

- SCA-Q Real Time PCR Kit is an in vitro diagnostic test for the detection of Sickle Cell Anemia mutation in human DNA extracted from clinical samples
- Intends for detection of sickle cell anemia i.e. human beta globin GAG - GTG [Glu-Val] mutation in human DNA extracted from clinical samples
- It contains reagents and enzymes for the specific amplification for the direct detection of the specific amplicon in FAM fluorescence channel

● YCM-Q Real Time PCR Kit (Y Chromosome Micro deletion)

- YCM-Q Real Time PCR Kit for Y Chromosome Micro deletion is an in vitro diagnostic test for the detection of micro deletions in human Y chromosome DNA extracted from clinical samples
- Intends to detect 14 micro deletions in human Y chromosome associated with male infertility

○ BT-Q Real Time PCR Kit (Beta Thalassemia)

- BT-Q Real Time PCR kit is an in vitro diagnostic test for the detection of Beta Thalassemia mutation in human DNA extracted from clinical samples
- Intends to detect 7 somatic mutations in human beta globin gene associated with genetic risk

Nucleic Acid Extraction Solutions

- Extensive solution for various applications that ensure balance of high yield and reproducibility
- Delivers High Yield and Purity for Different Downstream Applications such as PCR, RT-PCR, Sequencing, NGS etc.

oneXtract

One for all **Nucleic Acid Extraction Kit**



Sample Types

- Whole Blood
- Saliva
- Nasopharyngeal/ Oropharyngeal Swabs
- Plasma/ Serum
- Urine
- Fresh Tissue
- Other Body Fluids

RAPi-X16

Fast & Automated Nucleic Acid Extraction System for 8/16 Samples



RAPi-X96

Fast & Automated Nucleic Acid Extraction System for 96 Samples



- **BLOOD DNA Extraction Kit**
 - Purification of genomic DNA from fresh whole blood/ blood stabilized with anticoagulants
 - Unique buffer system for efficient RBC lyses and simultaneous recovery of WBCs by centrifugation
- **Viral RNA Extraction Kit**
 - Available in both Pre-filled Ready-to Use Format and Bulk Packs
 - Carrier RNA included to enhance quality of eluted viral RNA
 - Recovery of $\geq 95\%$ viral RNA
- **Bacterial DNA/RNA Extraction Kit**
 - Allows isolation of gDNA/RNA from both gram negative and gram positive cultures
 - Can process samples using silica membrane based spin column/ magnetic beads technology
- **FORENSIC DNA Extraction Kit**
 - Isolate genomic DNA from cultured cells as well as various tissue types
 - Can process sample using silica membrane based spin column/ magnetic beads technology
- **TISSUE & BODY FLUID DNA Extraction Kit**
 - Optimized solution for cell/ tissue lyses & purification of intact genomic DNA from broad range of biological samples
 - Can process sample using silica membrane based spin column/ magnetic beads technology
- **Fecal DNA Extraction Kit**
 - Isolate pure genomic DNA from fresh or frozen stool or feces samples
 - Can process sample using silica membrane based spin column/ magnetic beads technology
- **Cell free DNA Extraction Kit**
 - Allows the isolation of cell-free DNA from either fresh or frozen plasma/serum samples
 - Enables efficient purification of circulating nucleic acids from human plasma, serum, or urine
- **SALIVA DNA Extraction Kit**
 - Isolation of genomic DNA from Human saliva samples and swabs
 - Can process sample using silica membrane based spin column/ magnetic beads technology
- **DBS DNA Extraction Kit**
 - Isolation of genomic DNA from dried blood spots
 - Can process sample using silica membrane based spin column/ magnetic beads technology
- **FFPE DNA Extraction Kit**
 - Designed for the purification of genomic DNA from formalin- fixed paraffin-embedded (FFPE) tissue sections
 - Enables the partial reversing of the modification caused by formalin which results in high yield with good quality

Ordering Information

Cat No.	Commercial Name	Qty
G2MI80001	RapiX-96	1
G2MI80002	RapiX-16	1
G2M030620	MagRNA-II Viral RNA Extraction Kit	960 Tests
G2M030320	MagRNA-II Viral RNA Extraction Kit	200 Tests
G2M030420	MagRNA-II Viral RNA Extraction Kit	500 Tests
G2M030520-PF(KF)	MagRNA-II Viral RNA Extraction Kit	480 Tests
G2M030520-PF(MG)	MagRNA-II Viral RNA Extraction Kit	480 Tests
G2M030520-PF(R96)	MagRNA-II Viral RNA Extraction Kit	480 Tests
G2M030520-PF(R16)	MagRNA-II Viral RNA Extraction Kit	192 Tests
G2M030520-PF(R8)	MagRNA-II Viral RNA Extraction Kit	96Tests
G2M080820	SpinRNA Viral RNA Extraction Kit	250 Tests
G2M181820	SpiNXT Blood DNA Extraction kit	50 Preps,
G2M181720	SpiNXT Blood DNA Extraction kit	250 Preps
G2M373721	SpiNXT Blood RNA Extraction kit	50 Preps,
G2M373831	SpiNXT Blood RNA Extraction kit	250 Preps
G2M242421	SpiNXT Forensic DNA Extraction kit	50 Preps,
G2M242521	SpiNXT Forensic DNA Extraction kit	250 Preps
G2M131420	SpiNXT Tissue & body Fluids DNA Extraction kit	50 Preps,
G2M131320	SpiNXT Tissue & body Fluids DNA Extraction kit	250 Preps
G2M131420-CF	SpiNXT Tissue & body Fluids DNA Extraction kit	50 Preps,
G2M131320-CF	SpiNXT Tissue & body Fluids DNA Extraction kit	250 Preps
G2M131420-NAE	SpiNXT Tissue & body Fluids DNA Extraction kit	50 Preps
G2M131320-NAE	SpiNXT Tissue & body Fluids DNA Extraction kit	250 Preps
G2M232421	SpiNXT DBS DNA Extraction kit (Dried Blood Spot)	50 Preps
G2M232321	SpiNXT DBS DNA Extraction kit (Dried Blood Spot)	250 Preps
G2M171721	SpiNXT Saliva DNA Extraction Kit	50 Preps
G2M171821	SpiNXT Saliva DNA Extraction Kit	250 Preps
G2M181921	MagNXT Blood DNA extraction kit	50 Tests;
G2M182021	MagNXT Blood DNA extraction kit	200Tests
G2M182121	MagNXT Blood DNA extraction kit	500Tests
G2M182121-PF(KF)	MagNXT Blood DNA extraction kit	480Tests
G2M182121-PF(MG)	MagNXT Blood DNA extraction kit	480Tests
G2M182121-PF(R96)	MagNXT Blood DNA extraction kit	480Tests
G2M182121-PF(R16)	MagNXT Blood DNA extraction kit	192 Tests
G2M182121-PF(R8)	MagNXT Blood DNA extraction kit	96Tests
G2M242021	MagNXT forensic DNA extraction kit	50 Preps
G2M241921	MagNXT forensic DNA extraction kit	250 Preps
G2M212121	MagNXT Tissue & body fluids DNA extraction kit	50 Preps
G2M212021	MagNXT Tissue & body fluids DNA extraction kit	250 Preps

Ordering Information

Cat No.	Commercial Name	Qty
G2M211921	MagNXT Tissue & body fluids DNA extraction kit	500 Preps
G2M211921-PF(KF)	MagNXT Tissue & body fluids DNA extraction kit	480 Preps
G2M211921-PF(MG)	MagNXT Tissue & body fluids DNA extraction kit	480 Preps
G2M211921-PF(R96)	MagNXT Tissue & body fluids DNA extraction kit	480 Preps
G2M211921-PF(R16)	MagNXT Tissue & body fluids DNA extraction kit	192 Preps
G2M211921-PF(R8)	MagNXT Tissue & body fluids DNA extraction kit	96 Preps
G2M212121-CF	MagNXT Tissue & body fluids DNA extraction kit	50 Preps
G2M212021-CF	MagNXT Tissue & body fluids DNA extraction kit	250 Preps,
G2M211921-CF(PF)R96	MagNXT Tissue & body fluids DNA extraction kit	480 Preps
G2M211921-CF(PF)R16	MagNXT Tissue & body fluids DNA extraction kit	192 Preps
G2M211921-CF(PF)R8	MagNXT Tissue & body fluids DNA extraction kit	96 Preps
G2M212121-NAE	MagNXT Tissue & body fluids DNA extraction kit	50 Preps
G2M212021-NAE	MagNXT Tissue & body fluids DNA extraction kit	250 Preps,
G2M211921-NAE(PF)KF	MagNXT Tissue & body fluids DNA extraction kit	480 Preps
G2M211921-NAE(PF)MG	MagNXT Tissue & body fluids DNA extraction kit	480 Preps
G2M211921-NAE(PF)R96	MagNXT Tissue & body fluids DNA extraction kit	480 Preps
G2M211921-NAE(PF)R16	MagNXT Tissue & body fluids DNA extraction kit	192 Preps
G2M211921-NAE(PF)R8	MagNXT Tissue & body fluids DNA extraction kit	96 Preps
G2M271921	MagNXT DBS DNA Extraction kit	50 Preps
G2M272021	MagNXT DBS DNA Extraction kit	250 Preps
G2M191821	MagNXT Saliva DNA Isolation Kit	50 Preps
G2M191921	MagNXT Saliva DNA Isolation Kit	250 Preps
G2M191921-PF(KF)	MagNXT Saliva DNA Isolation Kit	480 Preps
G2M191921-PF(MG)	MagNXT Saliva DNA Isolation Kit	480Preps
G2M191921-PF(R96)	MagNXT Saliva DNA Isolation Kit	480 Preps
G2M191921-PF(R16)	MagNXT Saliva DNA Isolation Kit	192 Preps
G2M191921-PF(R8)	MagNXT Saliva DNA Isolation Kit	96 Preps
G2M141421	SpiNXT Bacterial DNA Extraction Kit	50 Tests
G2M141521	SpiNXT Bacterial DNA Extraction Kit	250 Tests
G2M121220	SpiNXT Bacterial RNA Extraction Kit	50 Tests
G2M121320	SpiNXT Bacterial RNA Extraction Kit	250 Tests
G2M343421	MagNXT Bacterial DNA Extraction Kit	50 Tests
G2M343521	MagNXT Bacterial DNA Extraction Kit	250 Tests
G2M282821	MagNXT Bacterial RNA Extraction Kit	50 Tests
G2M282921	MagNXT Bacterial RNA Extraction Kit	250 Tests
G2M323421	SpiNXT Fecal DNA Extraction Kit	50 Tests;
G2M323521	SpiNXT Fecal DNA Extraction Kit	250 Tests
G2M232121	SpiNXT FFPE DNA Extraction Kit	50 Tests;
G2M232221	SpiNXT FFPE DNA Extraction Kit	250 Tests

RapiCycler 96

Real-Time PCR System

RapiCycler 96 Real-Time PCR System is designed to meet the experimental needs of high-end laboratories.

With the 4 or 6 fluorescence channels, RapiCycler 96 can process 96 samples in one run. Various downstream applications including multiplex gene qualitative detection, quantitative analysis, SNP analysis, HRM analysis and melting curve analysis, can be carried out easily with the powerful and efficient temperature control system and fluorescence system, easy-to-use software, user friendly operational designs.

Areas of Applications

RapiCycler 96 Real-Time PCR System is designed for experimental analyses characterized by Polymerase Chain Reaction (PCR) for the purpose of DNA/RNA detection, and can be widely used in a variety of areas including

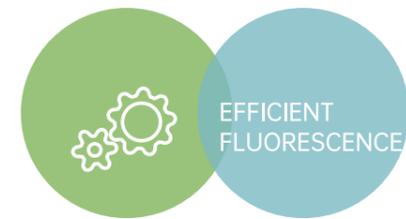
Clinical Diagnosis,
Epidemiological Monitoring,
Food Safety,
Forensics & Scientific
Research, etc.

DESIGNED FOR HIGH-END USERS

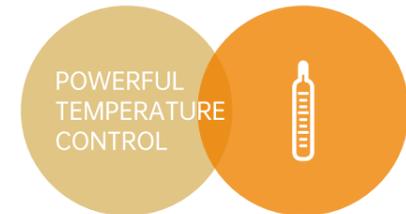


Salient Features

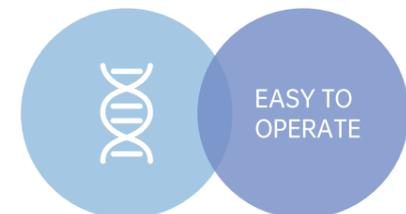
Sample reaction volume	0- 100µl
Sample dynamic range	1- 10 copies
Fold change	2- 10
Wide Temperature range	0- 100°C
Fluorescence dynamic range	Adjustable
Gradient range	1°C- 40°C



The 4 or 6 fluorescence channels compatible with most of the common fluorescent dyes and probes of regular detection reagents. Specifically, the FRET (Fluorescence Resonance Energy Transfer) channel enables lower background fluorescence value and higher sensitivity for your detection needs. Also, the high-brightness, long-life LED light source can be maintenance-free for life. It takes only 7 seconds to complete a one by one scan of 96 wells of 6 fluorescence channels with high efficiency and no fluorescence edge effect.



The maximum heating ramp rate is $\geq 6.1^\circ\text{C}/\text{s}$, and the maximum cooling ramp rate is $\geq 5.0^\circ\text{C}/\text{s}$, for quicker completion of your assays; the temperature accuracy is $\leq 0.1^\circ\text{C}$ to ensure accurate results.



Automated sample chamber; cloud-enabled control from PC via network connection; or stand-alone operation with the built-in 10.4-inch touch screen; data storage of at least 1,000 experiments within the instrument.



Capable of various data analyses to meet the needs of most experiments, including qualitative analysis, absolute quantitative analysis, relative quantitative analysis, end-point fluorescence analysis, melting curve analysis, etc. Featured Power Failure Protection design, no more concern about instantaneous power failure.

Fully Automated IVD Kits Manufacturing
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