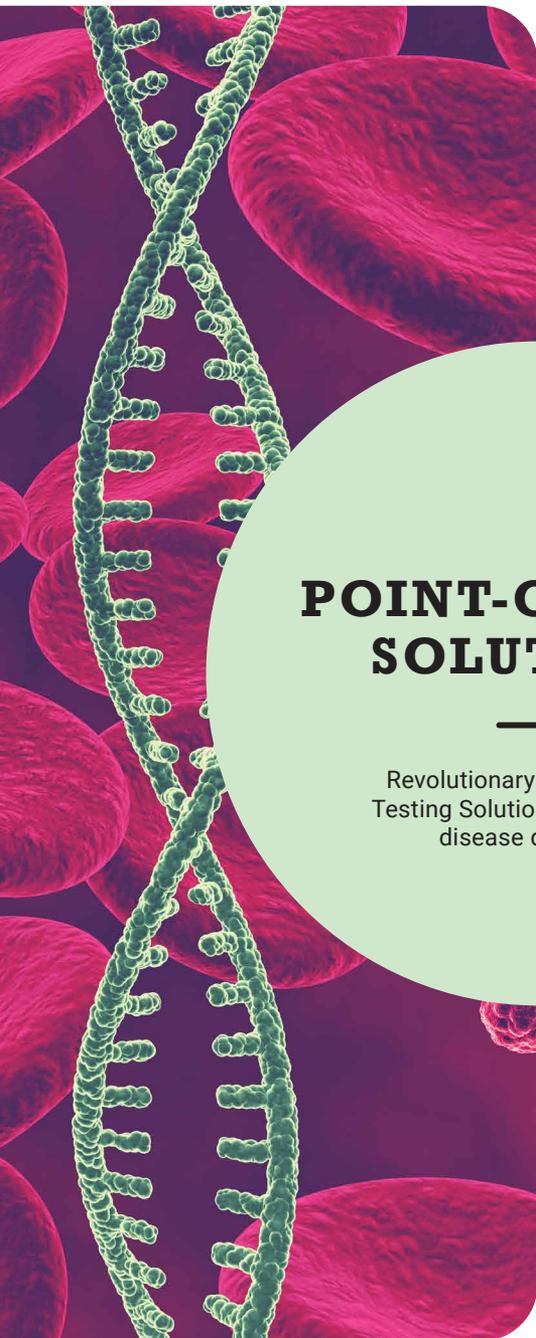
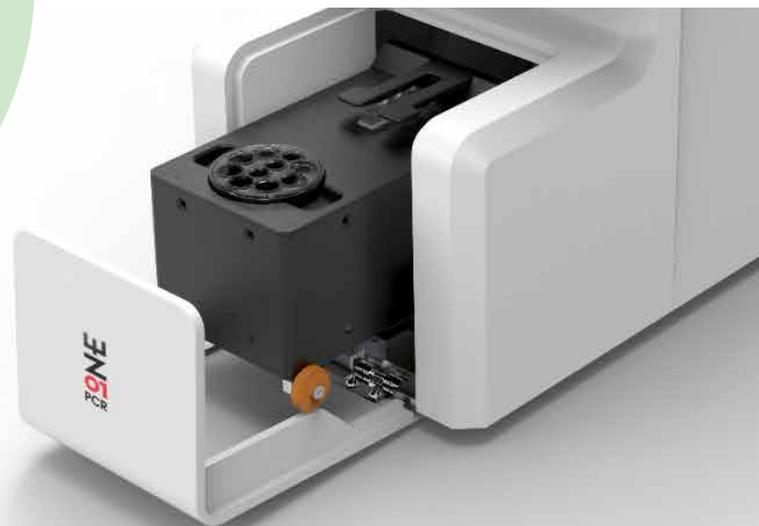


CE IVD



## POINT-OF-CARE SOLUTIONS

—  
Revolutionary Point-of-Care  
Testing Solutions for accurate  
disease detection





## State-of-the-Art 150,000 Sq. Ft. Fully Automated Manufacturing Facility in Manesar, India



We take pride in being the leading manufacturers of highly accurate and robust IVD solutions across the country at the most competitive prices to make impactful changes in the diagnostic & patient care industry.

Since its inception in 2016, Genes2me has been constantly striving towards setting a benchmark in the diagnostics space by introducing premium quality (Made in India) diagnostic kits which are CE-IVD, ISO-13485, and ISO 9001:2016 certified, assuring our clients of unparalleled quality and compliance with international standards. Our product portfolio includes molecular POC testing solutions, RT-PCR kits, rapid antigen/antibody testing kits, and molecular biology reagents. We have broadened our horizons to include Next Generation Sequencing clinical panels to cater to personalised medicine for every patient.

The company's flagship products like Rapi-Q/ Rapi-Q HT Point-of-Care (POC) RT-PCR devices are trailblazing inventions that are changing the paradigm of molecular POC testing across the world. These platforms help to detect infectious diseases with utmost sensitivity and least turnaround time thus helping in effective treatment and timely containment of the infection.

Our NGS clinical panels are designed to encompass testing solutions for oncology, liquid biopsy, cardiovascular diseases, neurological disorders, and HLA typing. These panels are compatible with the most popular sequencing platforms, Illumina, MGI, Thermo Fisher and Element Bio Sciences. We also offer cloud-based interpretation bioinformatics software with our NGS clinical panels which is designed to interpret data in a flexible and user-friendly manner. We ensure the highest standards for compliance at our lab and manufacturing site and have thus obtained all necessary accreditations and licences to run the same. Our lab is accredited by the National Accreditation Board for Testing and Calibration Laboratories (NABL), ISO 9001, and ISO 14001. Our manufacturing site is approved by Drugs Controller General of India (DCGI) & is fortified by the prestigious ISO-13485 accreditation.

Novel, Robust & Cost-Effective Molecular and Genetic Diagnostic Solutions



**ONE**  
PCR

## FULLY AUTOMATED NUCLEIC ACID DETECTION SYSTEM



1 Sample upto  
20 Targets



Compatible with  
50+ Detection Assays



### Automated, All-in-One Molecular Detection for Efficiency & Accuracy

OnePCR is an all-in-one automated detection system that offers a streamlined sample to result workflow, eliminating the need for sample transfers between different instruments, thereby reducing the overall run-time and minimizing the risk for human error.

It is based on cartridge technology, seamlessly integrating nucleic acid extraction and Real-time PCR functionalities into one streamlined instrument, maximizing efficiency and convenience for the user.

Observe real-time amplification data, Ct values, & determine the positive or negative status of the sample.

- Extraction
- Liquid Handling
- Amplification
- Analysis



## RAPID RESULTS

Highly sensitive & automated device with innovative cartridge design for nucleic acid extraction and RT-PCR based fluorescence detection

**AUTOMATIC** **INTEGRATED** **ACCURATE** **BIO-SAFETY**

*Special Function Modules*



1 sample 20 target detection

Five channel fluorescence based detection system

Automated Analysis & Reporting

Ready to use cartridge based assays

Uncompromised detection accuracy

Standalone operation with precise and robotic liquid handling



One Answer to all your needs  
with **Highest Sensitivity**

**50+**  
Assays

SEPSIS  
AMR  
BCR-ABL  
MTB & MDR-TB  
JAK-2  
STI-7/13  
HPV-14/28  
HLA B27  
RESPIRATORY  
PML-RARA  
HIV / HBV / HCV



| Ordering Information | CAT #      | Description                                  |
|----------------------|------------|--|
|                      | IG2M5001UF | Ultra Fast POC Rapid RT PCR System (One PCR) |

**ONE**  
PCR

**Innovative, user-friendly** design  
for seamless operation

- Ergonomic design for ease of use - compact, light weight machine with built-in intuitive display
- No manual intervention - direct sample to result interpretation
- Unfettered by stringent lab settings - the machine can be operated outside the conventional lab set-up and can be operated by even semi-skilled personnels
- Comes with a built-in QR-Code scanner feature - Provides easy access to experimental protocols
- Built in HEPA filters and UV light - sterilization for efficient results
- Capable of connecting to multiple independent modules for multi-sample analysis.



Scan the QR code on the cartridge for quick access to the experiment protocol.

**Simple Workflow**

Scan the QR code on the cartridge



Add sample in the pre-filled cartridge



Place the cartridges & Press run



Automated result interpretation



# Scalable design for integrating Multiple Devices together

Control multiple independent modules centrally with a single tablet



## Ideal for Testing at



HOSPITALS & CLINICS



AIRPORTS AND FIELD TESTING



LABORATORIES, MOBILE VANS & COLLECTION CENTER



MEDICAL EMERGENCY WARDS



PHARMACIES



REMOTE/ RURAL AREAS

# Broad Range of High Sensitivity Kits

Available

| Cat No.                              | Commercial Name   |
|--------------------------------------|---|
| <b>Oncology</b>                      |   |
| G2M708921R                           | BCR-ABL Real-Time PCR Kit   |
| G2M802821R                           | BCR-ABL Quantitative Real Time PCR Kit                              |
| G2M801121                            | HLA B27-Q Real Time PCR Kit   |
| G2M708821R                           | PML-RARA Real Time PCR Kit  |
| G2M802621R                           | JAK-2-Q Real Time PCR Kit   |
| <b>Respiratory Diseases</b>          |   |
| G2M707321R                           | MTC-Q Real-Time PCR Kit   |
| G2M707421R                           | MTB-NTM Multiplex Real-Time PCR Kit                                 |
| G2M803121R                           | TB-Q Comprehensive Real-Time PCR Kit                                |
| G2M272721R                           | CoVFlu One Step RT PCR Kit  |
| G2M709821R                           | CoVFlu-II One Step RT PCR Kit                                       |
| G2M030521                            | COVIDect Multiplex RT PCR kit for SARS-CoV- 2                       |
| G2M505021                            | Rapi-Q Multiplex Real Time PCR Kits for COVID-19                    |
| G2M707821R                           | Adeno-Q Real-Time PCR Kit   |
| G2M705721R                           | Measles-Q Real Time PCR Kit   |
| G2M706021R                           | Influenza A/B-Q Real Time PCR Kit                                   |
| G2M801221R                           | RSV-Q Real Time PCR Kit   |
| <b>Reproductive Health Disorders</b> |   |
| G2M705521R                           | Syphilis-Q Real Time PCR Kit  |
| G2M706721R                           | SKU 1 - HPV-Q Real-Time PCR Kit<br>SKU 2 - HPV-Q+ Real time PCR kit |
| G2M803921R                           | HPV-Q comprehensive Real Time PCR Kit                               |
| G2M709121R                           | STI7-Q Real-Time PCR Kit  |
| G2M803721R                           | STI-Q comprehensive Real Time PCR Kit                               |
| G2M705821R                           | VZV-Q Real Time PCR Kit   |
| <b>Infectious Diseases</b>           |   |
| G2M705421R                           | BK-Q Real Time PCR Kit for BK virus                                 |
| G2M705621R                           | EBV-Q Real Time PCR Kit   |
| G2M705921R                           | Nipah-Q Real-Time PCR Kit   |
| G2M804026R                           | Sepsis-Q Real Time PCR Kit  |
| G2M706521R                           | B19-Q Real-Time PCR Kit   |
| G2MBR4-0569                          | CMV-Q Real Time PCR Kit*  |
| <b>Blood borne Infections</b>        |   |
| G2MBR4-0382                          | HBV-Q Real-Time PCR Kit for Hepatitis B Virus*                      |
| G2MBR4-0380                          | HIV-Q Real-Time PCR Kit for Human immunodeficiency virus*           |
| G2MBR4-0381                          | HCV-Q Real-Time PCR Kit Hepatitis C Virus*                          |
| G2MBR4-0555                          | 3Hdect-Q Real Time PCR Kit*   |
| <b>Vector Borne Infections</b>       |   |
| G2M705021R                           | DENGUE-Q Real Time PCR Kit  |
| G2M706221R                           | Malaria-Q Real-Time PCR Kit   |
| G2M802321R                           | W. Nile-Q Real Time PCR Kit for West Nile Virus                     |
| G2M802021R                           | J.encephalitis -Q Real Time PCR Kit for Japanese encephalitis       |
| G2M706121R                           | Para-Q Multiplex Real Time PCR kit                                  |
| G2M705321R                           | Chikungunya-Q Real Time PCR Test Kit                                |
| G2M262621R                           | Zika-Q Real Time PCR kit  |
| G2M801821R                           | Y. Fever-Q Real Time PCR kit  |

Upcoming

| Cat No.                              | Commercial Name                       |
|--------------------------------------|---------------------------------------|
| <b>Oncology</b>                      |                                       |
| G2M709021R                           | FLT3-Q Real-Time PCR Kit              |
| <b>Respiratory Diseases</b>          |                                       |
| G2M706821R                           | B. Pertussis-Q Real Time PCR Kit      |
| G2M706921R                           | S. Pneumonia-Q Real Time PCR Kit      |
| G2M707721R                           | M. Pneumonia-Q Real Time PCR Kit      |
| G2M802121R                           | MERS-Q Real Time PCR Kit              |
| <b>Reproductive Health Disorders</b> |                                       |
| G2M706421R                           | N. Gonorrhoeae -Q Real Time PCR Kit   |
| G2M706621R                           | T. Vaginalis-Q Real Time PCR Kit      |
| G2M801421R                           | U. Urealyticum-Q Real Time PCR Kit    |
| G2M707221R                           | M. Hominis -Q Real Time PCR Kit       |
| G2M705521R                           | Syphilis-Q Real Time PCR Kit          |
| G2M705221R                           | HSV-Q Real Time PCR Test Kit          |
| G2M709621R                           | Toxo-Q Real Time PCR Kit*             |
| G2M803521R                           | RCP-Q Comprehensive Real Time PCR kit |
| <b>Infectious Diseases</b>           |                                       |
| G2M706321R                           | H. Pylori-Q Real Time PCR Kit         |
| G2M708021R                           | C. albicans (CA)-Q Real Time PCR Kit  |
| G2M804023R                           | Rubella-Q Real Time PCR Kit*          |
| G2M801621R                           | Rota-Q Real Time PCR kit              |
| G2M803821R                           | MCP-Q Real Time PCR kit               |
| G2M803621R                           | GCP-Q Comprehensive Real Time PCR kit |
| G2M804027R                           | AMR-Q Real Time PCR kit               |
| <b>Genetic Disorders</b>             |                                       |
| G2M803221R                           | SCA-Q Real Time PCR Kit               |

Available as RUO\*



## Point-of-Care RT-PCR SYSTEM



For testing of  
1-8 samples  
simultaneously



Compatible with 50+  
detection assays

Light weight & Compact (1.4 Kg)

Can be operated with Portable Lithium Battery Pack



| Commercial Name                | Cat No.  |
|--------------------------------|----------|
| Rapi-Q POC Rapid RT PCR System | IG2M5001 |



## KEY FEATURES

**Four Channel** - Eight well Block Design

Capable of working with **Car Battery/ Lithium Battery**- especially suitable for quick field inspections

**Direct connectivity** with Portable handheld devices

High Temperature control Accuracy with the help of **Constant Current Circuit**

**Powerful Software Analysis Function** - can perform qualitative & quantitative analysis

**Adopting Side Scan Technology**- the detection distance is short and the fluorescence collection signal is stable

**Protection Functions**- Over current, Over- temperature, power-off data self-recovery, etc.

**Environment Friendly**- Holds advantage of energy saving, environmental protection & long service life.

Ideal for **Testing at Public Places** with a confined space

### Standalone Operation



PORTABLE BATTERY PACK



BLUETOOTH



BARCODE READER



Built-in display & automated result analysis

### RAPI-Q SPECIFICATIONS

|                         |   |
|-------------------------|---|
| Sample Capacity         | 8 rxn   |
| Reaction Volume         | 10-50µl   |
| MAX. Ramp Rate          | 6°C/s   |
| Temperature Range       | 4-100°C   |
| Uniformity              | ±0.2°C  |
| Accuracy                | ±0.15°C   |
| Hot Lid Temperature     | 30 - 110°C (Adjustable, default 105°C)                          |
| Excitation wavelength   | 455 - 650nm   |
| Emission wavelength     | 510 - 750nm   |
| Factory Calibrated Dyes | F1: FAM/SYBR Green I, F2: HEX/VIC/JOE/TET, F3: ROX, F4: CY5/LIZ |
| Light Source            | 4 pcs highly efficient LED                                      |
| Detection               | High sensitivity photoelectric detector                         |
| Dynamic Range           | 1-10 <sup>10</sup> Copies                                       |
| Sensitivity             | 1 copy  |
| Date Export Formats     | Report can be printed   |
| Printing                | excel, cvs, txt   |
| Dimension, Net Weight   | 180(L)×150(W)×90(H), 1.4 KG                                     |
| Power                   | 100 - 240 VAC, 50/60 Hz or compatible with battery backup       |



Automated results analysis software which delivers positive/ negative reporting for every target in the sample along with its Ct values and amplification curves.

RAPi- HT

POC RAPID  
RT-PCR SYSTEM

Revolutionary Point-of-Care Testing Solution which does not require any special lab environment or additional equipment

- Highly Accurate Fluorescent probes based detection method which supports One-step PCR Method for different applications
- Delivers Result Interpretation as Positive/ Negative along with Ct values



| Commercial Name                   | Cat No.    |
|-----------------------------------|------------|
| Rapi-Q HT POC Rapid RT PCR System | IG2M5001HT |

- 4 Channels
- Dual block 16-Well Design
- Can run two independent programs simultaneously



- 7 inch high definition touch screen and embedded Win10 Operating System
- Unique hot lid lock design
- One touch to open the lid
- Power Failure, Fault Protection and Alarm Function
- Factory Calibrated Dyes: F1: FAM, F2: HEX, F3: ROX, F4: CY5

- Preset Program settings for multiple RT-PCR assays and fluorescent detection
- Data Analysis Function: Qualitative, Quantitative, Melting curve analysis
- Data Export Formats: excel, csv, txt
- Software Upgradation (remotely)
- Individual sample report
- Complete batch report

## KEY FEATURES

|   |  |   |
|---|--|---|
| From Direct Samples to Results in <b>30-45 Minutes</b>  | <b>Pipette Free Operation</b><br>Eliminating the need of Technically Skilled Person            | <b>High Sensitivity (99%),</b><br>Specificity and Accuracy in results   |
| <b>Four Targets Analysis</b><br>Allowing detection of multiple genes/ infections simultaneously | <b>Lyophilized Format Kits</b><br>Making the kit stable at Room Temperature for upto 12 months | <b>Dual-block design</b> supports two independent protocols simultaneously, processing up to 32 samples (16 per block). |
| <b>Extensively Validated</b><br>on a wide variety of Clinical Samples                           | Parallel detection of targets with <b>Endogenous Internal Control</b>                          | <b>Automated Interpretation</b><br>Analysis & Reporting   |

## RAPI-Q HT SPECIFICATIONS

|                        |  |
|------------------------|--|
| Sample Capacity        | 32 (16 per block)                          |
| Temperature Range      | 4-100°C                                    |
| Temperature Accuracy   | ± 0.25°C                                   |
| Maximum Ramp Rate      | 8°C/s                                      |
| System Startup time    | <30 seconds                                |
| Excitation Wavelength: | F1: 470nm, F2: 523nm, F3: 571nm, F4: 628nm |
| Emission Wavelength    | F1: 525nm, F2: 571nm, F3: 612nm, F4: 692nm |
| Excitation             | Long Life LED                              |
| Detection              | High sensitivity photoelectric Detector    |

|                                   |   |
|-----------------------------------|---|
| Size                              | 300(L) x 267(W) x 198(H) mm                     |
| Weight                            | 11KG  |
| Voltage & Power                   | Input - 220 Volt-50Hz, Output - DC30V-20A, 600W |
| Communication Interface           | USB 2.0   |
| Operating Environment Temperature | 18-35°C   |
| Sensitivity                       | 1 Copy  |
| Instrument Noise Level            | <65dB   |

**Standalone**  
Operation with  
Direct Connectivity  
to Printer, Barcode  
Scanner & LIS



THERMAL PRINTER



BLUETOOTH

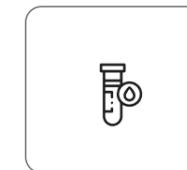


WiFi



BARCODE READER

## EASY STEPS TO RESULT



Sample Collection



Nucleic Acid  
Extraction



RT-PCR run



Automated Report  
Generation

# RAPi-X16

## Fast & Automated Nucleic Acid Extraction System

Genes2Me Rapi-X16 nucleic acid extraction system ensures homogenous suspension and distribution of magnetic beads, leading to higher DNA/ RNA yields.



**Magnetic Bead based Extraction System**

**Faster Processing Time**  
15 to 20 minutes

**Easy to Use, Stand-alone operation**

**Pre-filled Ready to use reagents for multiple sample types**

### KEY FEATURES

Complete range of kit reagents for faster & efficient extraction and purification of DNA, RNA and Total nucleic acids

Temperature uniformity & accurate controls

User friendly Interphase for real time display of running programs

HEPA filter and UV Light for decontamination

High Recovery Rate of Magnetic Beads >98%

Suitable for Extraction & Purification of various clinical samples

- **Sample Types:** Blood, Plasma, Serum, Nasopharyngeal & Oropharyngeal Swabs, Vaginal & Cervical swabs, Saliva, Sputum, Urine, Fresh tissue and other body fluids
- Can process 1 - 16 samples per run
- Extraction time ~ 15 minutes
- Working volume: 100-1000ul
- Sample Elution volume: 50-100ul

| Commercial Name                                   | Cat No.   |
|---|-----------|
| Rapi-X16 Automated Nucleic Acid Extraction System | G2MI80002 |

# O1XRT

## One for all Nucleic Acid Extraction Kit

Genes2Me's OneXtract Total Nucleic Acid Extraction Kit is an automation-compatible solution designed for processing diverse clinical samples, delivering high-quality, intact nucleic acids.



-  One Unique Solution for total Nucleic Acid Extraction
-  Ready-to-use Prefilled Plate Format
-  Room Temperature Optimized Protocols
-  High Quality Purified Nucleic Acid (DNA/ RNA) suitable for downstream applications
-  Flexible to Multiple Samples Types
-  Processing Time ~15 minutes

### Sample Types



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

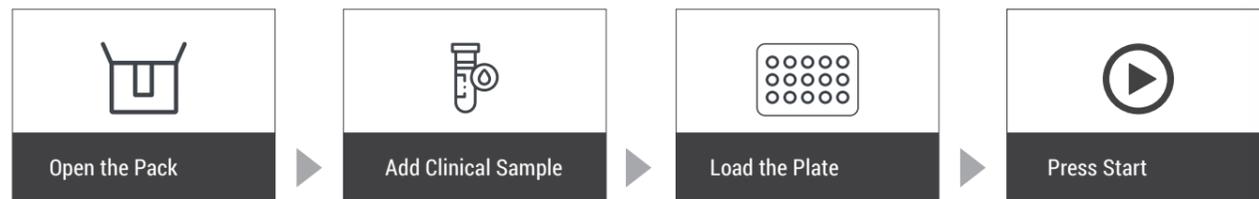
Magnetic bead based extraction

Easy and automated workflow

Universal solution for different sample types

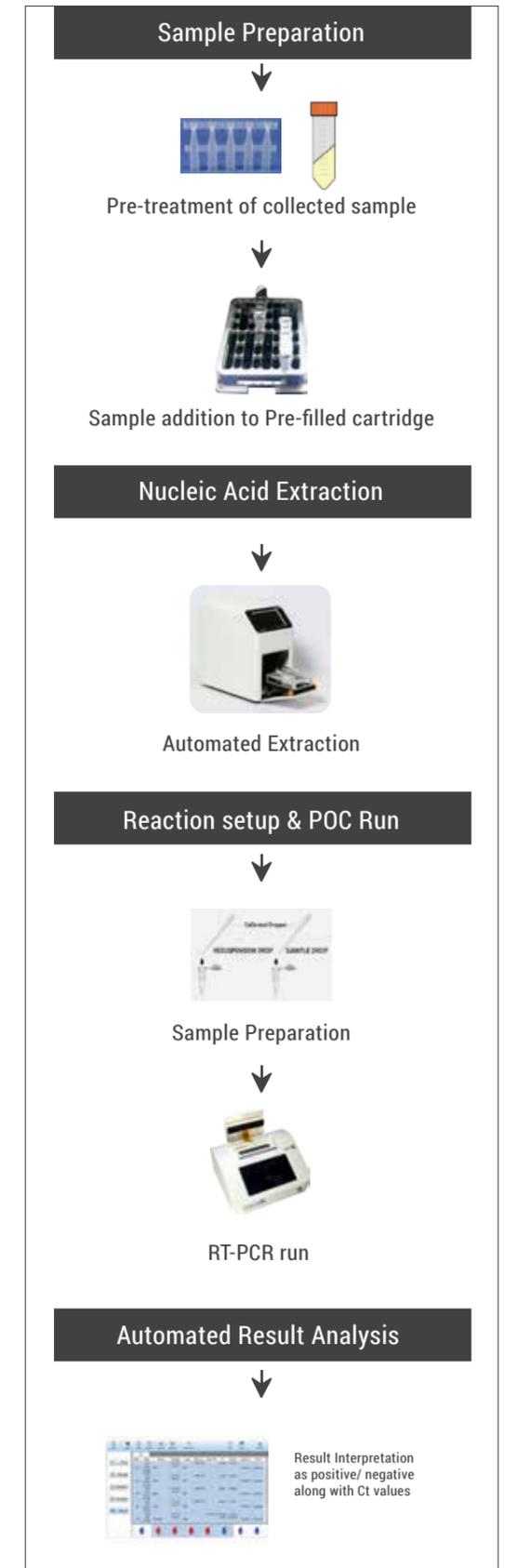
Available in different pack sizes- 1/8/16 rxns

### Easy to Process Steps

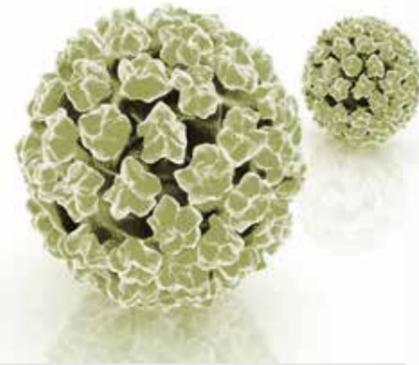


| Cat No.   | Pack Size          |
|---|--------------------|
| G2M211921-NAE(PF) MagNXT Tissue & Body Fluids (OneXtract) | 96/ 192/ 480 Preps |

### Point-of-care workflow



# High sensitivity kits for Point-of-care RT-PCR testing



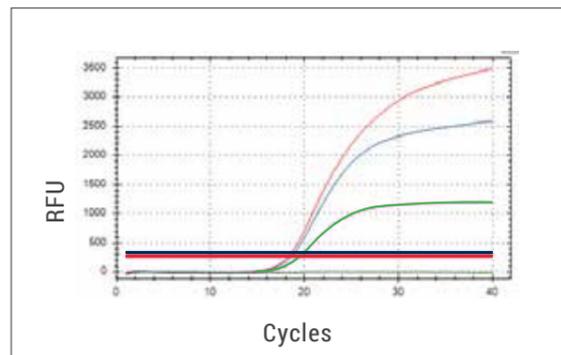
## HPV Detection Solutions

Human papillomavirus infection (HPV infection) is caused by a DNA virus from the Papillomaviridae family leading to major health problems, including genital warts and cancers.

Sample Source  
Vaginal/  
Cervical Swab

### HPV-Q Real Time PCR Kit

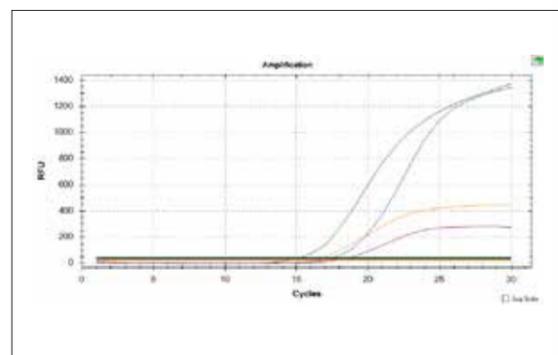
- Allows the detection of 14 high risk HPV genotypes
- Differential identification of E6/7 genes of HPV16 and HPV18 genotypes
- Qualitative detection of 12 High Risk genotypes including HPV 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68.



Amplification patterns obtained with the multiplex assay on plasmid DNA ( $10^5$  copies of plasmid/ $\mu$ L). The curves were generated by amplification of target specific positive control DNA of pooled plasmids for HPV16, HPV18 and other 12 HR- HPV genotypes.

### HPV-Q Comprehensive Real Time PCR Kit (28 Genotypes)

- 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 along with the 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



Amplification plot of target specific positive control DNA of pooled plasmids for HPV 16, HPV 18, 12 HR-HPV genotypes and 14 medium - low risk genotypes.

## TB Detection Solutions

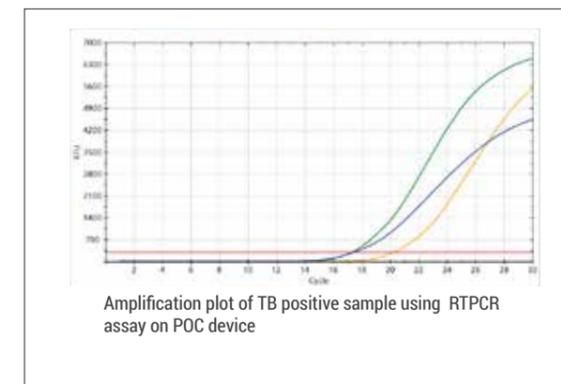
Complete testing solution for Tuberculosis



### TBdtect

#### MTC-Q Real Time PCR Kit

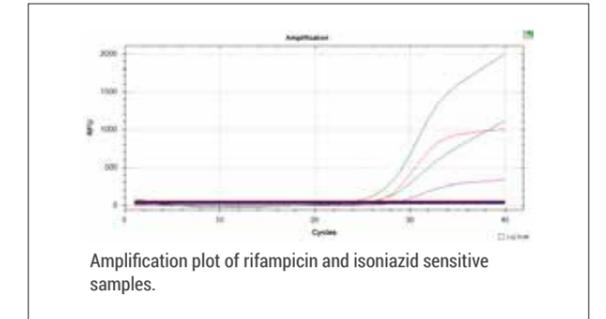
- Detection of Mycobacterium tuberculosis infection in clinical samples
- Targets Covered: IS6110, MPT64 genes
- Internal Control



### TBfind

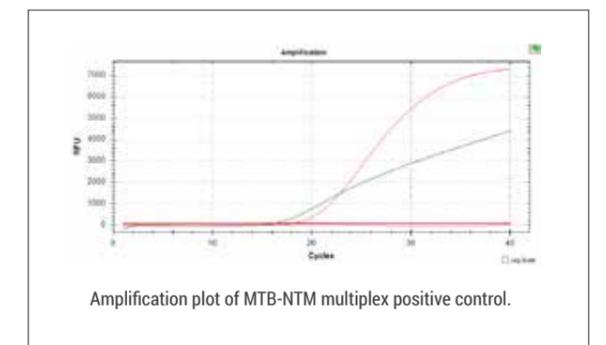
#### TB-Q Comprehensive Real Time PCR Kit

- Allows for the simultaneous detection of MTB and MDR-TB (multi drug resistant tuberculosis) in human samples such as sputum, bronchoalveolar lavage (BAL), and culture specimens.
- Covers 16 mutations for the two first line drugs namely, Isoniazid (INH) and Rifampicin (RIF)
- Also includes the detection of four mutations in the katG gene, one mutation in the inhA gene, and 81 bp in the RpoB gene in patients with multidrug-resistant tuberculosis infection.



### 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 - KU gene  
MTB specific - MPT64 gene
- Internal Control





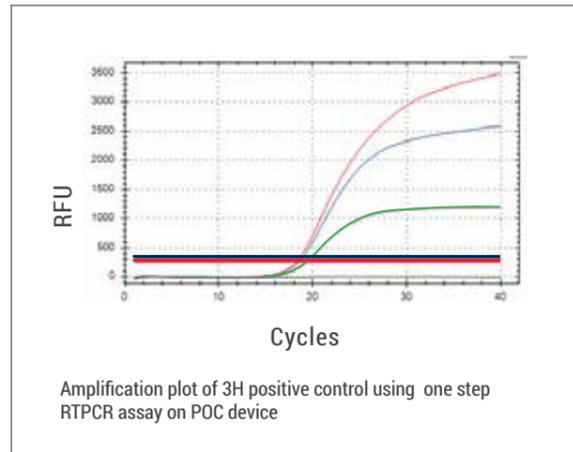
## 3H(HIV, HCV, HBV) Detection Solutions

Multiplex qualitative assay for simultaneous detection of Hepatitis C virus, Hepatitis B virus & Human Immunodeficiency virus in samples

### 3HdTECT - Q

Multiplex Real Time PCR Kit

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



One tube assay for differentiation & identification of HCV, HBV & HIV



**Sample Source**  
Serum/ plasma



**High Sensitivity and Specificity**



**Quick Turn Around Time**

One step RT-PCR kit with ready-to-use reagents specific for multiple targets based on Taqman chemistry.

#### Gene targets covered :

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

## STI Detection Solutions

STI-Q Comprehensive Real Time PCR Kit is a multiplexed real-time PCR kit for the detection of major Sexually Transmitted Infections (STIs) causative pathogens from clinical samples.

### STI-Q Comprehensive Real Time PCR Kit

*Comprehensive Multiplex Real Time PCR Kit*

Aims to qualitatively detect & differentiate 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
- Haemophilus ducreyi
- 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 Internal control

#### Pathogens Covered

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

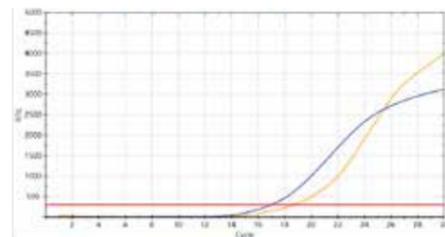
## Oncology Detection Solutions

### BCR-ABL-Q Real Time PCR Kit

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

#### Breakpoint Gene Fusion Transcripts

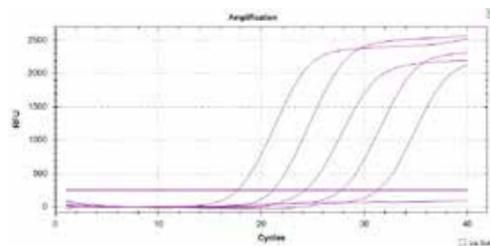
- Major-BCR [M-p210-[e14a2 & e13a2]]
- Minor-BCR (M-p190-[e1a2])
- Micro-BCR (M-p230-[e19a2])
- BCR-ABL Fusion Gene [chromosome 9 and chromosome 22 (Translocation)]



Amplification profile of BCR-ABL positive sample (FAM channel) along with Internal Control (ABL1) (Texas Red channel) on POC device

### PML-RARA-Q Real Time PCR Kit

- 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 Internal Control



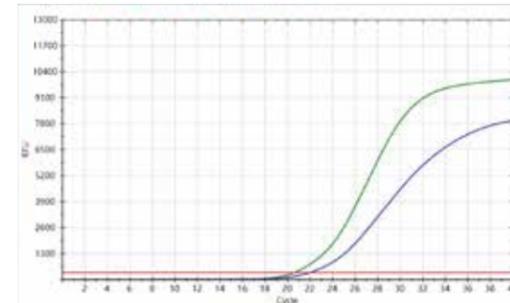
PML-RARA real time PCR specific amplification plot of PML-RARA standard

### HLA B27-Q Real Time PCR Kit

- Target : B locus in the MHC on chromosome 6
- Rapid and reliable detection of HLA- B27 (FAM channel) & Internal control (Cy5 channel)

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.

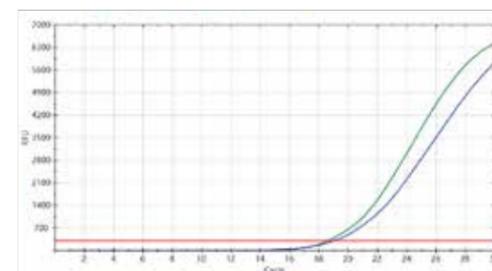
Although it can occur at any age, spondylitis most often strikes men in their teens and 20s. Traditionally "AS" has been considered a disease that affects mostly men, yet in reality, it also affects many women. People who are HLA-B27 positive are also more likely to experience early onset "AS" than HLA-B27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



Amplification profile of HLA B27 positive sample (FAM channel) along with Internal Control (Cy5 channel) on POC device

### 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 i.e. Point mutation 1849 (G→T) V617F in the JAK2 gene



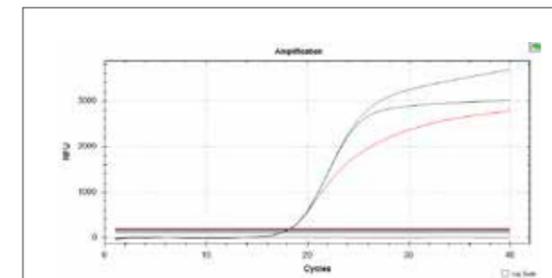
Amplification profile of JAK-2 positive sample (FAM channel) along with Internal Control (Cy5 channel) on POC device

## Infectious Diseases Detection Solutions



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

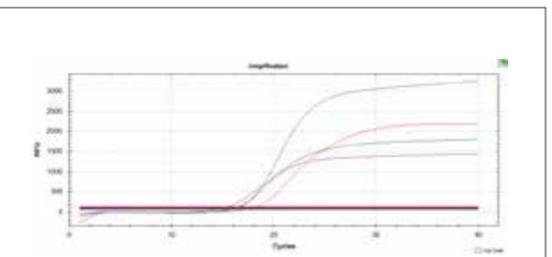
- Multiplex kit for simultaneous detection & differentiation of Influenza A, Influenza B & Influenza A subtypes H1N1 & H3N2 virus specific RNA along with Internal control
- Gene Targets covered
  - Influenza A- Matrix protein 2 gene
  - Influenza B- Hemagglutinin (HA) gene
  - Influenza A Subtypes- H1N1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



Amplification profile of Influenza A/B-Q positive control (Tube 1)

### 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

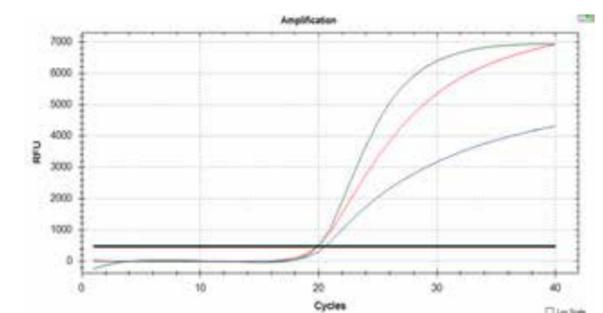


Amplification profile of Spiked positive control of Dengue, Chikungunya, Zika (Tube 1)

### 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.



Amplification profile of CoVFlu positive control

# Infectious Diseases Detection Solutions



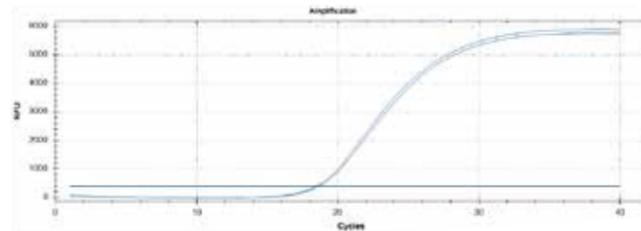
## Sepsis-Q Real Time PCR Kit

- 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:

|                           |   |   |
|---------------------------|---|---|
| • Staphylococcus aureus   | • CoNS pathogens-Staphylococcus epidermidis and Staphylococcus haemolyticus | • Streptococcus spp. S. pyogenes & S. agalactiae                                    |
| • Acinetobacter baumannii | • Enterococcus faecium  | • Streptococcus pneumoniae  |
| • Aspergillus fumigatus   | • Listeria monocytogenes  | • Stenotrophomonas maltophilia  |
| • E. coli                 | • Enterobacter cloacae  | • Candida albicans  |
| • Pseudomonas aeruginosa  | • Enterococcus faecalis   | • Candida nonalbicans- Candida parapsilosis, Candida tropicalis, and Candida krusei |
| • Klebsiella pneumoniae   |   |   |

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

- Allows *in vitro* qualitative detection of **Klebsiella pneumoniae (KPN)**, **Acinetobacter baumannii (Aba)**, and **Pseudomonas aeruginosa (PA)**, along with four carbapenem resistance genes (**KPC**, **NDM**, **OXA48**, and **IMP**).
- Also detects **Staphylococcus aureus** and **methicillin-resistant Staphylococcus aureus (MRSA)** nucleic acids
- Compatible sample types - human sputum, skin and soft tissue infection samples, and whole blood samples.



Amplification curve represents positive result for Carbapenem resistance gene i.e. VIM.

## Broad Range of High Sensitivity Kits

| Commercial Name   | Cat No.     | Pack Size |
|---|-------------|-----------|
| <b>Oncology</b>   |             |           |
| PML-RARA Real Time PCR Kit                              | G2M708821R  | 48 Tests  |
| BCR-ABL Real Time PCR Kit                               | G2M708921R  | 48 Tests  |
| HLA-B27-Q Real Time PCR Kit                             | G2M801121R  | 48 Tests  |
| EML4-ALK Real-Time PCR Kit                              | G2M708321R  | 48 Tests  |
| FLT3-Q Real-Time PCR Kit                                | G2M709021R  | 48 Tests  |
| JAK-2-Q Real Time PCR Kit                               | G2M802621R  | 48 Tests  |
| <b>Mycobacterium Tuberculosis Detection</b>             |             |           |
| MTC-Q Real Time PCR Kit (Tbdetect)                      | G2M707321R  | 48 Tests  |
| TB Comprehensive Real Time PCR Kit (TBfind)             | G2M803121R  | 48 Tests  |
| MTB-NTM Multiplex Real Time PCR Kit (Tbdetect Advanced) | G2M707421R  | 48 Tests  |
| <b>Respiratory Disease Diagnostics</b>                  |             |           |
| Influenza A/B-Q Real Time PCR Kit                       | G2M706021R  | 48 Tests  |
| B. Pertussis-Q Real Time PCR Kit                        | G2M706821R  | 48 Tests  |
| S. Pneumonia-Q Real Time PCR Kit                        | G2M706921R  | 48 Tests  |
| M. Pneumonia-Q Real Time PCR Kit                        | G2M707721R  | 48 Tests  |
| Measles-Q Real Time PCR Kit                             | G2M705721R  | 48 Tests  |
| Adeno-Q Real Time PCR Kit                               | G2M707821R  | 48 Tests  |
| MERS-Q Real Time PCR Kit                                | G2M802121R  | 48 Tests  |
| RSV-Q Real Time PCR Kit                                 | G2M801221R  | 48 Tests  |
| <b>COVID Detection</b>                                  |             |           |
| COVIDtect Multiplex RT PCR Kit for COVID-19             | G2M030521R  | 48 Tests  |
| Rapi-Q Multiplex Real Time PCR Kit for COVID-19         | G2M505321R  | 48 Tests  |
| COVFlu One Step RT PCR Kit                              | G2M272721R  | 48 Tests  |
| CoVFlu-II One Step RT PCR Kit                           | G2M709821R  | 48 Tests  |
| <b>Reproductive Health</b>                              |             |           |
| Human Papilloma Virus (HPV)-Q Real Time PCR Kit         | G2M706721R  | 48 Tests  |
| HPV-Q comprehensive Real Time PCR Kit                   | G2M803921R  | 48 Tests  |
| HPV-Q Plus Real-Time PCR Kit                            | G2M706721R+ | 48 Tests  |
| N. Gonorrhoeae -Q Real Time PCR Kit                     | G2M706421R  | 48 Tests  |
| T. Vaginalis-Q Real Time PCR Kit                        | G2M706621R  | 48 Tests  |
| U. Urealyticum-Q Real Time PCR Kit                      | G2M801421R  | 48 Tests  |
| M. Hominis -Q Real Time PCR Kit                         | G2M707221R  | 48 Tests  |
| Syphilis-Q Real Time PCR Kit                            | G2M705521R  | 48 Tests  |
| STI7-Q Real Time PCR Kit                                | G2M709121R  | 48 Tests  |
| STI-Q comprehensive Real Time PCR Kit                   | G2M803721R  | 48 Tests  |
| HSV-Q Real Time PCR Test Kit                            | G2M705221R  | 48 Tests  |
| Toxo-Q Real Time PCR Kit*                               | G2M709621R  | 48 Tests  |
| C.Trachomitis-Q Real-Time PCR Kit                       | G2M804025R  | 48 Tests  |
| <b>Other Infectious Diseases</b>                        |             |           |
| H. Pylori-Q Real Time PCR Kit                           | G2M706321R  | 48 Tests  |
| BK-Q Real Time PCR Kit for BK virus                     | G2M705421R  | 48 Tests  |
| EBV-Q Real Time PCR Kit                                 | G2M705621R  | 48 Tests  |
| Nipah-Q Real Time PCR Kit                               | G2M705921R  | 48 Tests  |
| Rota-Q Real Time PCR Kit                                | G2M801621R  | 48 Tests  |
| VZV-Q Real Time PCR Kit                                 | G2M705821R  | 48 Tests  |
| B19-Q Real-Time PCR Kit                                 | G2M706521R  | 48 Tests  |
| C. Albicans (CA)-Q Real Time PCR Kit                    | G2M708021R  | 48 Tests  |
| Rubella-Q Real Time PCR Kit*                            | G2M804023R  | 48 Tests  |
| CMV-Q Real Time PCR Kit*                                | G2M709521R  | 48 Tests  |
| GCP-Q comprehensive Real Time PCR Kit                   | G2M803621R  | 48 Tests  |
| Sepsis-Q Real Time PCR Kit                              | G2M804026R  | 48 Tests  |
| <b>Blood Borne Diseases</b>                             |             |           |
| HBV-Q Real Time PCR Test Kit*                           | G2MBR4-0498 | 48 Tests  |
| HCV-Q Real Time PCR Test Kit*                           | G2MBR4-0499 | 48 Tests  |
| HIV-Q Real Time PCR Test Kit*                           | G2MBR4-0500 | 48 Tests  |
| 3Hdteq-Q Real Time PCR Test Kit*                        | G2M804-0501 | 48 Tests  |
| <b>Vector Borne Transmission Detection</b>              |             |           |
| Dengue-Q Real Time PCR Kit                              | G2M705021R  | 48 Tests  |
| Malaria-Q Real Time PCR Kit                             | G2M706221R  | 48 Tests  |
| Chikungunya-Q Real Time PCR Test Kit                    | G2M705321R  | 48 Tests  |
| Zika-Q Real Time PCR kit                                | G2M262621R  | 48 Tests  |
| Y. Fever-Q Real Time PCR kit                            | G2M801821R  | 48 Tests  |
| J. Encephalitis-Q Real Time PCR kit                     | G2M802021R  | 48 Tests  |
| W. Nile-Q Real Time PCR kit                             | G2M802321R  | 48 Tests  |
| Para-Q Multiplex Real Time PCR kit                      | G2M706121R  | 48 Tests  |
| Para2-Q Multiplex Real Time PCR kit                     | G2M801521R  | 48 Tests  |
| <b>Genetic Disorders</b>                                |             |           |
| SCA-Q Real Time PCR Kit                                 | G2M803221R  | 48 Tests  |

\*Available as RUO



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