

# 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.

## MCP-Q Comprehensive Real Time PCR Kit

- Aims to qualitatively detects & differentiates causative organisms for major infections related to the inflammation of protective membranes of brain and spinal cord
- Pathogens covered: Haemophilus influenzae, N. meningitidis, S. pneumoniae, Adenovirus, Enterovirus, Human Parvovirus B19, Epstein-Barr virus, Herpes simplex virus 1/2, Human herpes virus 6/ 7, Mumps virus & Varicella-zoster virus; along with parallel detection of Endogenous control

## VZV-Q Real Time PCR Kit

- Qualitative differentiation of Varicella zoster virus (VZV) and Monkeypox virus in clinical samples
- Targets covered: VZV specific ORF gene ; Monkeypox virus specific JIL gene

## Nipah-Q Real Time PCR Kit

Quantitative detection of RNA from Nipah virus (NiV) specific Nucleocapsid protein gene in human specimens

## C. Albicans (CA)-Q Real Time PCR Kit

Quantitative detection of Candida albicans specific small subunit ribosomal RNA gene in clinical samples

## Human Parvovirus (B19)-Q Real-Time PCR Kit

Quantitative detection of Human Parvovirus (B19) specific NS1 gene in clinical sample

## EBV-Q Real Time PCR Kit

Quantitative detection of Epstein Barr Virus 1 & 2 specific LMP-2A gene in human blood samples

## BK-Q Real Time PCR Kit

Quantitative detection of Polyomavirus BK virus specific Ag/VP2 gene in clinical samples

## Rota-Q Real-Time PCR Kit

Detection of Rotavirus A specific RNA in clinical samples

## SS-Q Real Time PCR Kit

- Detection of Salmonella & Shigella in stool/ water samples by Real Time PCR systems
- Targets covered: Salmonella specific purH/ invA & Shigella specific dnaA genes



## GCP-Q Comprehensive Real Time PCR Kit

- Aims to identify and differentiate major target pathogens of gastro-intestinal infections in clinical samples
- Pathogens covered: E. coli, Salmonella, Shigella, Vibrio spp, Campylobacter, Clostridium, Cryptosporidium, Rotavirus, Giardia, Entamoeba, Norovirus, Sapovirus & Adeno virus; along with parallel detection of Endogenous control

## H. Pylori-Q Real Time PCR Kit

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

## EEC-Q Real Time PCR Kit

- Detection of Enterovirus, Enterovirus 71 and Coxsackie Virus A16 in clinical samples including nasal and pharyngeal secretions, etc
- Target covered: Polyprotein gene

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	



### Sample Source

Blood/ Serum/ Plasma, Urine, Prostate fluid and Pap smear



### Target Specific

Individual marker specific kits with specific designed primers and florescent probes



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