

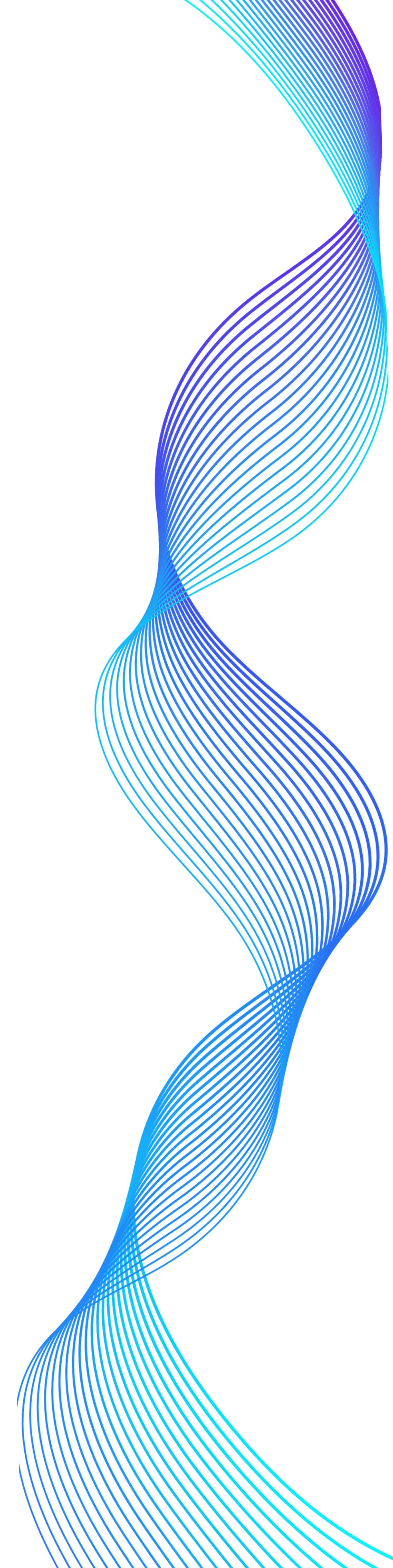


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# Product Catalogue

*Molecular Diagnostics*



# Product Catalogue



## Real-time PCR Test Series

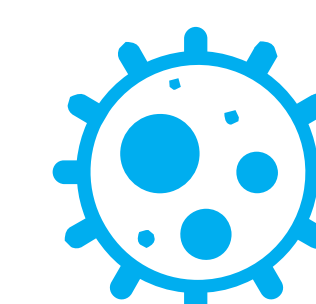
- Respiratory Disease PCR Reagent Kits
- Blood-Borne Disease PCR Reagent Kits
- Sexually Transmitted Disease PCR Reagent Kits
- Sample Processing
- Nucleic Acid Extraction and Purification System
- Real-time PCR Instruments

## Rapid RNA/DNA Test Series

- Rapid RNA/DNA Test
- Isothermal Amplifier

# Real-time PCR Test Series Respiratory Disease PCR Reagent Kits

# 01



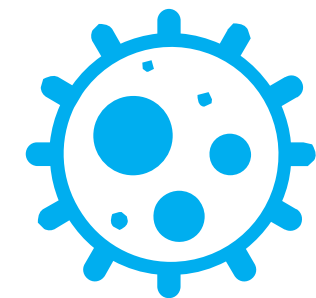
## Product Catalogue

Name	Certificate	Size	Catalog No.
Influenza A/B Virus Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit 48 Tests/Kit (Lyophilization)	101A0201EY 101A0201ED *
Group A Streptococcus Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit	101A0202EY
Mycobacterium Tuberculosis Complex Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit 48 Tests/Kit, 96 Tests/Kit (Lyophilization)	101A0205EY 101A0205ED *
Mycoplasma Pneumoniae Virus Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit 48 Tests/Kit, 96 Tests/Kit (Lyophilization)	101A0207EY * 101A0207ED *
Herpes Simplex Virus I Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit 48 Tests/Kit, 96 Tests/Kit (Lyophilization)	101A0209EY 101A0209ED *
SARS-CoV-2 & Influenza AB Detection Kit (Direct Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit	ACAB01
Influenza A/B and Respiratory Syncytial Virus Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit 48 Tests/Kit, 96 Tests/Kit (Lyophilization)	AFR01 AFR01D*

“ \* ” on this page represents that the product will come soon.

# Real-time PCR Test Series Respiratory Disease PCR Reagent Kits

# 01



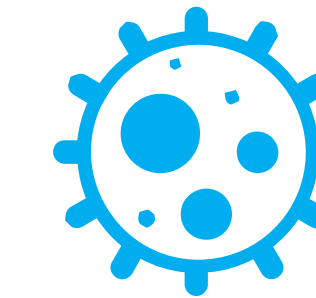
## Product Catalogue

Name	Certificate	Size	Catalog No.
Human Parainfluenza Virus Type I/III & Adenovirus Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit 48 Tests/Kit, 96 Tests/Kit (Lyophilization)	APA01 APA01D*
SARS-CoV-2 Detection Kit (Direct Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit	ACOV01
SARS-CoV-2 Detection Kit (Fluorescence RT-PCR)	CE	48 Tests/Kit, 96 Tests/Kit 48 Tests/Kit, 96 Tests/Kit (Lyophilization)	ACOV03 ACOV03D

\* \* on this page represents that the product will come soon.

# Real-time PCR Test Series Respiratory Disease PCR Reagent Kits

# 01



- Fast and easy to operate.
- Low risk of cross contamination and infection.
- Wide range of applicable Instruments:  
It is suitable for ABI®, Roche®, Bio-Rad®, Bioer®, Hongshi®, Molarray® and similar multi-channel fluorescent PCR Instruments.
- More accurate test results.

## Detailed information

### Influenza A/B Virus Detection Kit (Fluorescence PCR)

CE

101A0201EY  
101A0201ED (Lyophilization)\*

The Influenza A/B Virus Detection Kit (Fluorescence PCR) is a qualitative *in vitro* real-time RT-PCR test for the detection of nucleic acid from Influenza A virus or Influenza B virus in specimens from individuals suspected of respiratory tract infectious diseases.

#### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Oropharyngeal swab or nasopharyngeal swab
- Protocol Duration: 100 minutes
- Storage: 101A0201EY: -25°C to -15°C  
101A0201ED (Lyophilization): 0°C to 35°C
- Shelf Life: 101A0201EY: 12 months from the date of manufacture  
101A0201ED (Lyophilization): 18 months from the date of manufacture



### Group A Streptococcus Detection Kit (Fluorescence PCR)

CE

101A0202EY  
Suitable for the qualitative detection of Group A Streptococcus(GAS) DNA in specimens from individuals suspected of GAS infection.

#### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Oropharyngeal swab
- Protocol Duration: 100 minutes
- Storage: 101A0202EY: -25°C to -15°C  
101A0202ED (Lyophilization): 0°C to 35°C
- Shelf Life: 101A0202EY: 12 months from the date of manufacture  
101A0202ED (Lyophilization): 18 months from the date of manufacture



### Mycobacterium Tuberculosis Complex Detection Kit (Fluorescence

PCR) 101A0205EY

101A0205ED (Lyophilization)\*

Suitable for the detection of Mycobacterium Tuberculosis Complex (MTBC) DNA.

#### Specifications

- Analytical Sensitivity (LoD): 100 bacteria/mL
- Sample Type: Adequate expectorated sputum samples
- Protocol Duration: 100 minutes
- Storage: 101A0205EY: -25°C to -15°C  
101A0205ED (Lyophilization): 0°C to 35°C
- Shelf Life: 101A0205EY: 12 months from the date of manufacture  
101A0205ED (Lyophilization): 18 months from the date of manufacture



CE

### SARS-CoV-2 & Influenza A/B Detection Kit (Direct Fluorescence

PCR) ACAB01

Clinical signs and symptoms of SARS-CoV-2 and influenza infections can be similar. The SARS-CoV-2 & Influenza A/B Detection Kit (Direct Fluorescence PCR) is intended for use in the simultaneous rapid *in vitro* detection and differentiation of SARS-CoV-2, influenza A virus, and influenza B virus in clinical specimens.

#### Features

- Differential Analysis: Accurate differentiation of SARS-CoV-2, Influenza A and B viruses
- Multiplex Assay: 1 sample, 3 targets
- Extraction free preparation

#### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Oropharyngeal swab and nasopharyngeal swab
- Protocol Duration: 65 minutes (Protocol duration may vary depending on instrumentation used)
- Storage: -25°C to -15°C
- Shelf Life: 12 months from the date of manufacture



CE

### Mycoplasma Pneumoniae Virus Detection Kit (Fluorescence

PCR) 101A0207EY\*

101A0207ED (Lyophilization)\*

The Mycoplasma Pneumoniae virus Detection Kit (Fluorescence PCR) is a qualitative *in vitro* real-time PCR test for the detection of nucleic acid from Mycoplasma Pneumoniae virus.

#### Specifications

- Analytical Sensitivity (LoD):  $1 \times 10^3$  copies/mL
- Sample Type: Oropharyngeal swab or nasopharyngeal swab
- Protocol Duration: 100 minutes
- Storage: 101A0207EY: -25°C to -15°C  
101A0207ED (Lyophilization): 0°C to 35°C
- Shelf Life: 101A0207EY: 12 months from the date of manufacture  
101A0207ED (Lyophilization): 18 months from the date of manufacture



CE



\* coming soon

### Influenza A/B and Respiratory Syncytial Virus Detection Kit (Fluorescence

PCR) AFR01

AFR01D (Lyophilization)\*

The Influenza A/B and Respiratory Syncytial virus Detection Kit (Fluorescence PCR) is a real-time RT-PCR test for the simultaneous *in vitro* qualitative detection and differentiation of Influenza A virus, Influenza B virus and/or Respiratory Syncytial virus (RSV) nucleic acid.

#### Specifications

- Analytical Sensitivity (LoD): 500 copies/mL
- Sample Type: Oropharyngeal swab or nasopharyngeal swab
- Protocol Duration: 100 minutes
- Storage: AFR01: -25°C to -15°C  
AFR01D (Lyophilization): 0°C to 35°C
- Shelf Life: AFR01: 12 months from the date of manufacture  
AFR01D (Lyophilization): 18 months from the date of manufacture



CE

### Herpes Simplex Virus I Detection Kit (Fluorescence

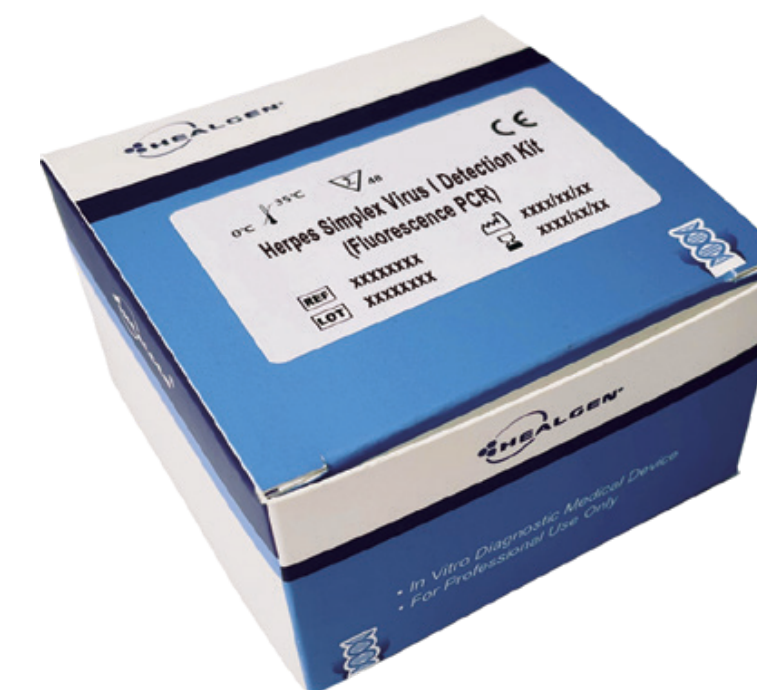
PCR) 101A0209EY

101A0209ED (Lyophilization)\*

The Herpes Simplex virus I Detection Kit (Fluorescence PCR) is a real-time PCR test suitable for the *in vitro* qualitative detection of Herpes Simplex virus 1 (HSV1) DNA in specimens from individuals suspected of Herpes Simplex virus 1 infection. HSV1 infection is a highly contagious infection that is common and prevalent around the world. Most HSV1 infections occur in childhood and continue throughout life. The vast majority of HSV1 infections are oral herpes (infections in or around the mouth, sometimes called oral or facial herpes).

#### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Oral vesicular lesions, or cutaneous and mucocutaneous lesion swab
- Protocol Duration: 100 minutes
- Storage: 101A0209EY: -25°C to -15°C  
101A0209ED (Lyophilization): 0°C to 35°C
- Shelf Life: 101A0209EY: 12 months from the date of manufacture  
101A0209ED (Lyophilization): 18 months from the date of manufacture



CE



\* coming soon

### Human Parainfluenza Virus Type I/III & Adenovirus Detection

Kit (Fluorescence PCR)

APA01

APA01D (Lyophilization)\*

The Human Parainfluenza virus Type I/III & Adenovirus Detection Kit (Fluorescence PCR) is a real-time RT-PCR test for the simultaneous *in vitro* qualitative detection and differentiation of Human parainfluenza I virus, Human Parainfluenza Ill virus, and/or Human Adenovirus nucleic acid.

#### Specifications

- Analytical Sensitivity (LoD): 500 copies/mL
- Sample Type: Oropharyngeal swab or nasopharyngeal swab
- Protocol Duration: 100 minutes
- Storage: APA01: -25°C to -15°C  
APA01D (Lyophilization): 0°C to 35°C
- Shelf Life: APA01: 12 months from the date of manufacture  
APA01D (Lyophilization): 18 months from the date of manufacture



CE

### SARS-CoV-2 Detection Kit (Direct Fluorescence PCR) ACOV01

The SARS-CoV-2 Detection Kit (Direct Fluorescence PCR) is a rapid real-time RT-PCR test without RNA-purification intended for the qualitative detection of nucleic acid from the SARS-CoV-2 virus in specimens from individuals suspected of COVID-19 by their healthcare provider.

#### Features

- Extraction free preparation
- Exceptional Speed: Entire amplification protocol is about 65 minutes
- Reduced Handling: Fewer hands-on time and risk of contamination

#### Specifications

- Analytical Sensitivity (LoD): 200 copies/mL
- Sample Type: Oropharyngeal swab and nasopharyngeal swab
- Protocol Duration: 65 minutes (Protocol duration may vary depending on instrumentation used)
- Storage: -25°C to -15°C
- Shelf Life: 12 months from the date of manufacture



CE

### SARS-CoV-2 Detection Kit (Fluorescence RT-PCR) ACOV03

ACOVO3D (Lyophilization)

The SARS-CoV-2 Detection Kit (Fluorescence RT-PCR) is a real-time RT-PCR test intended for the qualitative detection of nucleic acid from the SARS-CoV-2 virus in specimens from individuals suspected of COVID-19 by their healthcare provider.

#### Features

- Flexible sample type selection
- Reliable and reproducible results
- Lyophilized reagent can be stored at room temperature, convenient for transport

#### Specifications

- Analytical Sensitivity (LoD): 100 copies/mL
- Sample Type: Oropharyngeal (throat) swab, nasopharyngeal swab, anterior nasal swab, midturbinate swab, nasal washes and nasal aspirate
- Protocol Duration: 90 minutes (Protocol duration may vary depending on instrumentation used)
- Storage: ACOV03: -25°C to -15°C  
ACOVO3D (Lyophilization): 0°C to 35°C
- Shelf Life: ACOV03: 12 months from the date of manufacture  
ACOVO3D (Lyophilization): 18 months from the date of manufacture



CE

# Real-time PCR Test Series Blood-Borne Disease PCR Reagent Kits

# 02



## Product Catalogue

Name	Certificate	Size	Catalog No.
Hepatitis B Virus Detection Kit (Fluorescence PCR)		48 Tests/Kit 48 Tests/Kit (Lyophilization)	101A0226EY 101A0226ED *
Hepatitis C Virus Detection Kit (Fluorescence PCR)		48 Tests/Kit 48 Tests/Kit (Lyophilization)	101A0225EY 101A0225ED*
Human Immunodeficiency Virus detection Kit (Fluorescence PCR)		48 Tests/Kit 48 Tests/Kit (Lyophilization)	101A0215EY 101A0215ED *
Monkeypox Virus Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit 48 Tests/Kit, 96 Tests/Kit (Lyophilization)	AMPV01 AMPV01D
Dengue Virus Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit 48 Tests/Kit, 96 Tests/Kit (Lyophilization)	101A0211EY 101A0211ED *
Cytomegalovirus Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit	101A0203EY
Epstein-Barr Virus Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit	101A0204EY

“ \* ” on this page represents that the product will come soon.

### Hepatitis B Virus Detection Kit (Fluorescence PCR)

101A0226EY

101A0226ED (Lyophilization)\*

This kit can be used for the quantitative detection of Hepatitis B virus (HBV) DNA (genotypes A-I) in plasma or serum.

#### Specifications

- Analytical Sensitivity (LoD): 20 IU/mL
- Sample Type: plasma (EDTA anticoagulant) or serum
- Protocol Duration: 100 minutes
- Storage: -25°C to -15°C
- Shelf Life: 12 months from the date of manufacture



\* For Research Use Only

### Hepatitis C Virus Detection Kit (Fluorescence PCR)

101A0225EY

101A0225ED (Lyophilization)\*

This kit can be used for the quantitative detection of Hepatitis C virus (HCV) RNA (genotypes 1-6) in plasma or serum.

#### Specifications

- Analytical Sensitivity (LoD): 20 IU/mL
- Sample Type: plasma (EDTA anticoagulant) or serum
- Protocol Duration: 100 minutes
- Storage: -25°C to -15°C
- Shelf Life: 12 months from the date of manufacture



\* For Research Use Only

### Human Immunodeficiency Virus Detection Kit (Fluorescence PCR)

101A0215EY

101A0215ED (Lyophilization)\*

This kit can be used for the quantitative detection of Human Immunodeficiency virus HIV RNA (genotypes 1/2) in plasma or serum.

#### Specifications

- Analytical Sensitivity (LoD): 25 IU/mL
- Sample Type: plasma (EDTA anticoagulant) or serum
- Protocol Duration: 100 minutes
- Storage: -25°C to -15°C
- Shelf Life: 12 months from the date of manufacture



\* For Research Use Only

### Monkeypox Virus Detection Kit (Fluorescence PCR)

AMPV01

AMPV01D (Lyophilization)

The Monkeypox virus Detection Kit (Fluorescence PCR) is a qualitative *in vitro* real-time PCR test for the detection of nucleic acid from Monkeypox virus.

#### Specifications

- Analytical Sensitivity (LoD): 200 copies/mL
- Sample Type: Oropharyngeal swab, nasopharyngeal swab, serum, plasma and human pustular or vesicular rash specimens
- Protocol Duration: 100 minutes
- Storage: AMPV01: -25°C to -15°C  
AMPV01D (Lyophilization): 0°C to 35°C
- Shelf Life: AMPV01: 12 months from the date of manufacture  
AMPV01D (Lyophilization): 18 months from the date of manufacture



### Dengue Virus Detection Kit (Fluorescence PCR)

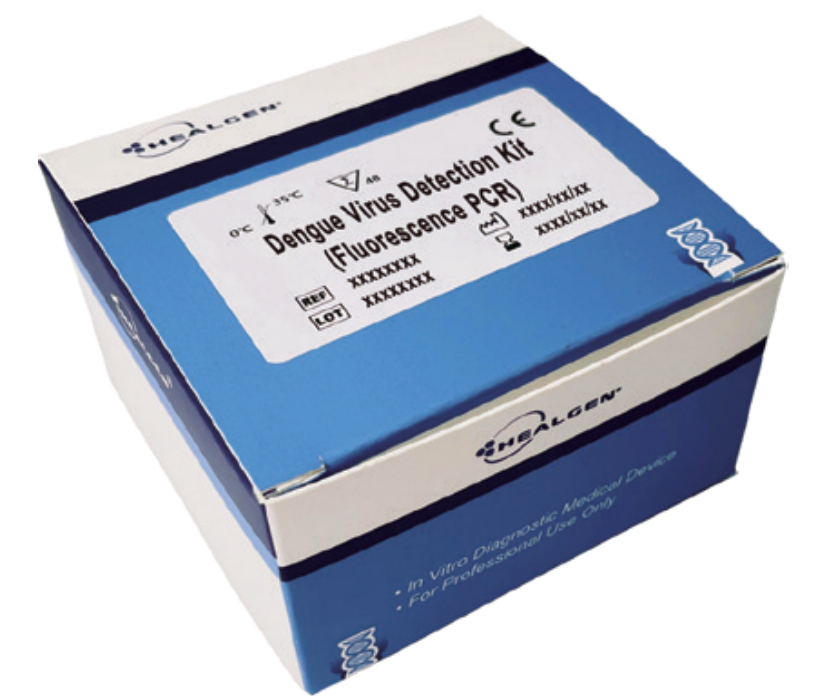
101A0211EY

101A0211ED (Lyophilization)\*

The kit is suitable for the qualitative detection of Dengue virus RNA in human blood (serum/plasma).

#### Specifications

- Analytical Sensitivity (LoD): 1×10<sup>4</sup> copies/mL
- Sample Type: Plasma (EDTA anticoagulant) or serum
- Protocol Duration: 90 minutes
- Storage: 101A0211EY: -25°C to -15°C  
101A0211ED (Lyophilization): 0°C to 35°C
- Shelf Life: 101A0211EY: 12 months from the date of manufacture  
101A0211ED (Lyophilization): 18 months from the date of manufacture



### Cytomegalovirus Detection Kit (Fluorescence PCR)

101A0203EY

Can be used for the quantitative detection of Cytomegalovirus (CMV) nucleic acid in human urine, blood or plasma.

#### Specifications

- Analytical Sensitivity (LoD): 500 copies/mL
- Sample Type: Human urine, blood or plasma
- Protocol Duration: 100 minutes
- Storage: 101A0203EY: -25°C to -15°C  
101A0203ED (Lyophilization): 0°C to 35°C
- Shelf Life: 101A0203EY: 12 months from the date of manufacture  
101A0203ED (Lyophilization): 18 months from the date of manufacture



### Epstein-Barr Virus Detection Kit (Fluorescence PCR)

101A0204EY

Can be used for the quantitative detection of EBV nucleic acid in whole blood, serum or plasma.

#### Specifications

- Analytical Sensitivity (LoD): 500 copies/mL
- Sample Type: Whole blood, serum or plasma
- Protocol Duration: 100 minutes
- Storage: 101A0204EY: -25°C to -15°C  
101A0204ED (Lyophilization): 0°C to 35°C
- Shelf Life: 101A0204EY: 12 months from the date of manufacture  
101A0204ED (Lyophilization): 18 months from the date of manufacture



CE

CE

CE

CE

# Real-time PCR Test Series Sexually Transmitted Disease PCR Reagent Kits

# 03



## Product Catalogue

Name	Certificate	Size	Catalog No.
Human Papillomavirus 14 Types Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit	101A0108EY
Human Papillomavirus (23 types) Genotyping Kit (Fluorescence PCR)		48 Tests/Kit	
Herpes Simplex Virus II Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit 48 Tests/Kit, 96 Tests/Kit (Lyophilization)	101A0216EY 101A0216ED *
Neisseria Gonorrhoeae Detection Kit (Fluorescence PCR)	CE	48 Tests/Kit, 96 Tests/Kit 48 Tests/Kit, 96 Tests/Kit (Lyophilization)	101A0217EY * 101A0217ED *

“ \* ” on this page represents that the product will come soon.

**Human Papillomavirus 14 Types Detection Kit (Fluorescence PCR) 101A0108EY**  
Suitable for Genotyping detection of Human Papillomavirus (HPV) 14 types (16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66 and 68 types) DNA.

### Features

- Multiplex Assay: 14 types HPV detected
- Easy to Operate: Extraction free preparation
- Faster Detection: 85 minutes from sample to result

### Specifications

- Analytical Sensitivity (LoD): Average 75 copies/reaction
- Sample Type: Cervical exfoliated cells
- Protocol Duration: 75 minutes
- Storage: -25°C to -15°C
- Shelf Life: 12 months from the date of manufacture



CE

**Human Papillomavirus (23 types) Genotyping Kit (Fluorescence PCR)**

It is a qualitative *in vitro* test for the detection of Human Papillomavirus (HPV) 23 types of DNA in cervical exfoliated cells specimens. The product just uses two tubes for one sample to specifically identify (HPV) 23 types (6, 16, 18, 11, 26, 31, 33, 35, 39, 42, 43, 45, 51, 53, 52, 56, 58, 59, 66, 68, 73, 81, 82).

### Features

- Multiplex Assay: 23 types HPV specifically identified
- Flexible use of the melt curve technique
- Internal Control to monitor the whole test
- Reliable result and easy interpretation

### Specifications

- Sample Type: Cervical exfoliated cells
- Protocol Duration: 2.5 hours
- Storage: -25°C to -15°C
- Shelf Life: 12 months from the date of manufacture
- Recommended Instrument: CFX96



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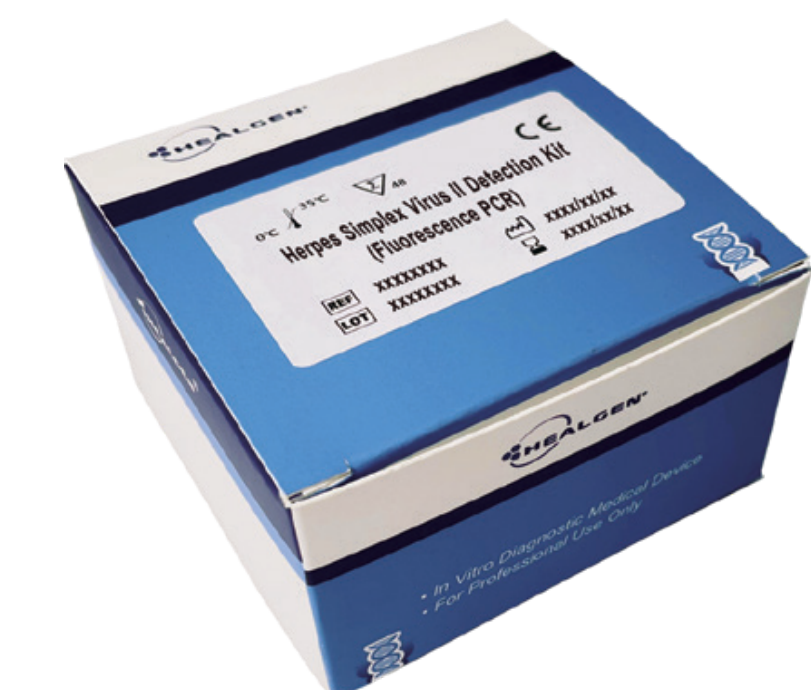
**Herpes Simplex Virus II Detection Kit (Fluorescence PCR) 101A0216EY**

**101A0216ED (Lyophilization)\***

The Herpes Simplex virus II Detection Kit (Fluorescence PCR) is an *in vitro* real-time PCR test for the presumptive qualitative detection of the Herpes Simplex virus II (HSV2) DNA.

### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Male urethral swab and female cervical secretions
- Protocol Duration: 100 minutes
- Storage: 101A0216EY: -25°C to -15°C  
101A0216ED (Lyophilization): 0°C to 35°C
- Shelf Life: 101A0216EY: 12 months from the date of manufacture  
101A0216ED (Lyophilization): 18 months from the date of manufacture



\* coming soon

CE

**Neisseria Gonorrhoeae Detection Kit (Fluorescence PCR) 101A0217EY\***

**101A0217ED (Lyophilization)\***

The *Neisseria Gonorrhoeae* Detection Kit (Fluorescence PCR) is an *in vitro* real-time PCR test for the presumptive qualitative detection of nucleic acid from the *Neisseria Gonorrhoeae* (NG) DNA.

### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Male urethral swab and female cervical secretions
- Protocol Duration: 100 minutes
- Storage: 101A0217EY: -25°C to -15°C  
101A0217ED (Lyophilization): 0°C to 35°C
- Shelf Life: 101A0217EY: 12 months from the date of manufacture  
101A0217ED (Lyophilization): 18 months from the date of manufacture



CE

# Real-time PCR Test Series

## Sample Processing

# 04



Proper collection, transport and storage of specimen is crucial to obtaining reliable results. Optimal purification and extraction of nucleic acid is equally as vital to obtain accurate results. Our sample processing solutions feature materials and reagents that are compatible with a variety of downstream applications.

### Product Catalogue

Name	Certificate	Size	Catalog No.
Viral Nucleic Acid Extraction Kit (Magnetic Beads)	CE	48 Tests/Kit (Bottled)	SNCE01-AHG48
		96 tests/ kit (Bottled)	SNCE01-AHG96
		2 plates/ kit, 8 preps/plate (Pre-packaged)	SNCE02-AHG16
		3 plates/ kit, 16 preps/ plate (Pre-packaged)	SNCE02-AHG48
		96 preps/ 5 plates/ kit (Pre-packaged)	SNCE02-AHG96
Disposable Virus Sampling Tube (including swab)	CE	Oropharyngeal	S0104
		1.5 mL/Tube, 50 Tubes Nasopharyngeal	S0107
		3 mL/Tube, 50 Tubes Oropharyngeal	S0108-BT5
		1.5 mL/Tube, 50 Tubes Independent packing	S0109-CN10
		Nasopharyngeal 3 mL/Tube, 50 Tubes Independent packing	
Paraffin-embedded Tissue Nucleic Acid Extraction Kit (Magnetic Bead)		48 Tests/Kit	

# Real-time PCR Test Series

## Sample Processing

# 04



### Viral Nucleic Acid Extraction Kit (Magnetic Beads)

CE

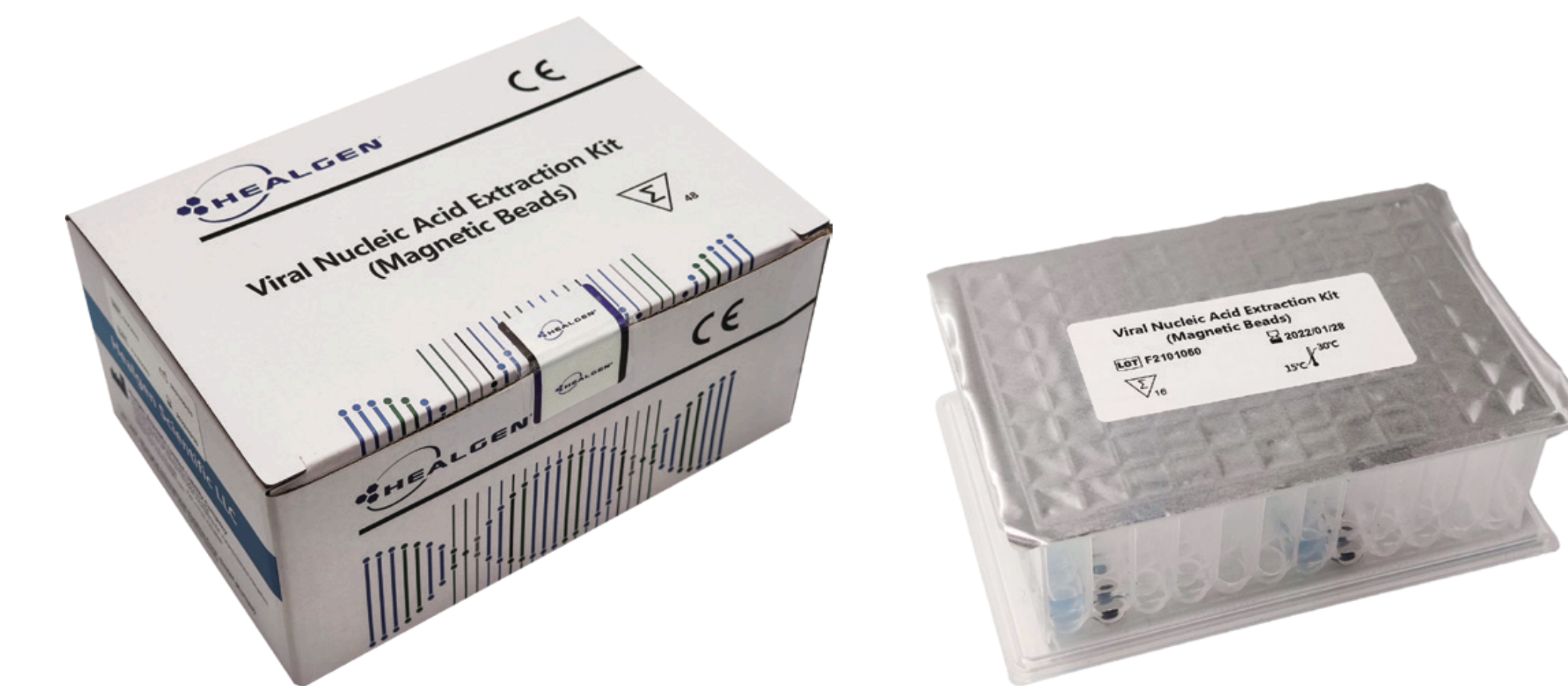
The Viral Nucleic Acid Extraction Kit (Magnetic Beads) is optimized for purification of DNA/RNA from serum, plasma and cell preservation solution. DNA/RNA extracted with this kit can be applied to various downstream applications, such as Real-Time PCR and DNA sequencing. The Lysis Buffer contains a powerful protein denaturant, which rapidly dissolves the protein and releases the nucleic acid. The released nucleic acid components can be attached to magnetic beads. Protein, inorganic salt ions and various organic impurities are removed by repeated washing.

#### Features

Purify specimen with a high degree of sensitivity

#### Specifications

- Storage: 15°C - 30°C
- Shelf Life: 12 months from the date of manufacture



### Disposable Virus Sampling Tube (including swab)

CE

The Disposable Virus Sampling Tube (including swab) is used for collection, transportation and storage of virus contained within collected specimen.

#### Features

- Preserve virus within specimen
- Inhibit: Microbial reproduction
- Ease-of-Use: Molded breakpoint for swab shaft removal

#### Specifications

- Storage: 5°C - 25°C
- Shelf Life: 12 months from the date of manufacture
- Kit Options: Oropharyngeal Specimen Collection (S0104) Nasopharyngeal Specimen Collection (S0107)





# Real-time PCR Test Series Sample Processing

# 04



The Paraffin-embedded Tissue Nucleic Acid Extraction system suitable for cancer screening, prenatal diagnosis, etc., and the extraction of samples with very low nucleic acid extraction content. The system enables more efficient and flexible automated extraction and purification of nucleic acid DNA/RNA.

## Paraffin-embedded Tissue Nucleic Acid Extraction Kit (Magnetic Bead)

The Paraffin-embedded Tissue Nucleic Acid Extraction Kit (Magnetic Bead) is used for the extraction and purification of DNA/RNA from paraffin-embedded tissues. The DNA/RNA extracted using this kit can be used for a variety of downstream applications such as PCR and real-time PCR, gene sequencing, and other genetic testing projects.



*\* coming soon*

### Features

- Equipped with fully automated
- More convenience without more investment
- Higher purification concentration and precision

### Specifications

- Storage: 10°C - 30°C
- Shelf Life: 12 months from the date of manufacture

# Real-time PCR Test Series Nucleic Acid Extraction and Purification System

# 05



MNAP01-E | 32 WELLS



*\* For Research Use Only*

## HG-N32 Nucleic Acid Purification System

The instrument is bench top devices for DNA and RNA purification by using magnetic separation technology from samples, such as blood, cultured cells, bacteria, cell-free body fluids and plants. The device utilizes magnetic rods to purify nucleic acid through phases of binding, mixing, washing and elution. The automatic workflow is optimized to minimize hands-on time.

### Features

- Automated Purification Method
- 7 inch touch screen intuitive operation
- 15-40 minutes extraction protocol
- Heating function in Lysis and elution
- One stop operation to avoid contamination
- Premium magnetic particles leads to high yield

Principle	Magnetic Particle Method	Dimensions	400mm×470mm×450mm
Throughput	1~32	Weight	28Kg
Sample Volume	20μL~1000μL	Precision	CV < 5%
Magnetic Rod Number	32	Exhaust	Fan
Temperature Accuracy	±1°C	Power Supply	450W

# Real-time PCR Test Series Nucleic Acid Extraction and Purification System

# 05



MNAP02-E | 96 WELLS



\* For Research Use Only

## HG-N96 Nucleic Acid Purification System

HG-N96 Nucleic Acid Purification System is an automated system for purifying DNA, RNA from a variety of specimen types, such as blood, cells and tissue samples.

- High-throughput: HG-N96 can process 96 samples simultaneously
- Touchscreen interface and easy operation, parameters can be tuned based on experimental requirements
- Anti-contamination measures
- Simple and intelligent operation

Sample Volume	50~1000μL
Collection Efficiency	>95%
Precision	CV<5%
Operation	7 inch color touch screen
Contamination Control	UV light

Storage Capacity	More than 100 programs
Exhaust	Fan
Power Supply	450W
Throughput	1~96
Weight	54Kg

# Real-time PCR Test Series Real-time PCR Instruments

# 06



MRQP06-E  
4 channels, 32 wells



## HG-P320 Real-time PCR System

HG-320 Real-time PCR System is a portable fluorescence quantitative PCR using semiconductor technology to quickly implement the PCR amplification process and a high-sensitivity system photoelectric detection to detect the fluorescence signal. It adopts 4 channels and double 16-wells blocks, which can run two different files simultaneously.

- 4 channels and double 16-well blocks design, can run two different programs at the same time.
- Small size, light weight, easy to carry.
- Powerful software analysis function, which can be used for Quantitative Analysis, Melting Curve Analysis, etc.
- 4.7-inch high-definition TFT color touch screen, and embedded operating system.
- The experimental results can be exported directly.



Sample Capacity	32 wells
Reaction Volume	15-100μL
Temperature Fluctuation	±0.1°C
Accuracy	±0.25°C
Emission Wavelength	525nm-692nm

Measurement Channel Number	4 channels
Uniformity	±0.25°C
Excitation Wavelength	470nm-628nm
Sensitivity	1 copy
Weight	8Kg

# Real-time PCR Test Series

## Real-time PCR Instruments

# 06



MRQP04-E 96 wells  
4 channels



### HG-P960 Real-time PCR System



The HG-P960 utilizes very mature thermoelectric refrigeration technology. The unique constant current power supply and 6-zone independent temperature control method ensure that the product is fast, accurate and stable in fluorescence quantitative analysis. Multi-channel fluorescent excitation is transmitted uniformly throughout each of the 96 sample wells for real time detection of signal amplification via high temperature resistant optical fibers. The HG-P960 offers fully automatic qualitative PCR capability with a completely open system for flexible experimentation.

- Top imaging photoelectric detection
- 6 partition thermal cycling module
- Automatic pop-up sample bin
- Intelligent adjustable hot cover
- Full adaptable software system

Sample Capacity	96 wells
Reaction Volume	10-100µL
Gradient Control	6 zone temperature control
Temperature Accuracy	≤±0.1°C
Temperature Range	30-110°C adjustable, default 105°C

Dimensions	490mm×290mm×391mm
Measurement Channel Number	4 channels
Weight	28Kg
Power Supply	100-240VAC, 50/60Hz 100VAC
Temperature Uniformity	≤±0.3°C

# Rapid RNA/DNA Test Series

## Rapid RNA/DNA Test

# 07



The Rapid Test Detection Kits are based on the reverse transcription loop-mediated isothermal amplification (RT-LAMP) or loop-mediated isothermal amplification (LAMP) technology. The amplification process can be monitored by fluorescence detector in real time and a reliable result can be completed in 25 minutes. A reliable positive result can be obtained in 8 minutes.

### Product Catalogue

Name	Certificate	Size	Catalog No.
Rapid SARS-CoV-2 RNA Test	CE	20 Tests/Kit; 25 Tests/Kit; 50 Tests/Kit	RCOV01
Rapid Monkeypox Virus DNA Test	CE	25 Tests/Kit; 50 Tests/Kit	RMPV01*
Rapid Influenza A/B RNA Test	CE	25 Tests/Kit; 50 Tests/Kit	RFLU01
Rapid Mycoplasma Pneumoniae DNA Test	CE	25 Tests/Kit; 50 Tests/Kit	RMP01*
Rapid Respiratory Syncytial Virus RNA Test	CE	25 Tests/Kit; 50 Tests/Kit	RRSV01*

\* \* on this page represents that the product will come soon.

# Rapid RNA/DNA Test Series

## Rapid RNA/DNA Test

# 07



### Rapid SARS-CoV-2 RNA Test RCOV01

CE

The Rapid SARS-CoV-2 RNA Test is a qualitative *in vitro* nucleic acid RT-LAMP test for the detection of N gene of SARS-CoV-2 virus.

#### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Nasal swab
- Protocol Duration: 20 minutes (Positive result can be gotten in 8 minutes)
- Storage: 0°C to 35°C
- Shelf Life: 18 months from the date of manufacture

#### Features

- Fast Detection
- High Sensitivity
- Simple Operation



### Rapid Monkeypox Virus DNA Test RMPV01\*

CE

The Rapid Monkeypox virus DNA Test is a qualitative *in vitro* LAMP test for the detection of Monkeypox virus nucleic acid.

#### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Nasal swab
- Protocol Duration: 25 minutes (Positive result can be gotten in 8 minutes)
- Storage: 0°C to 35°C
- Shelf Life: 18 months from the date of manufacture



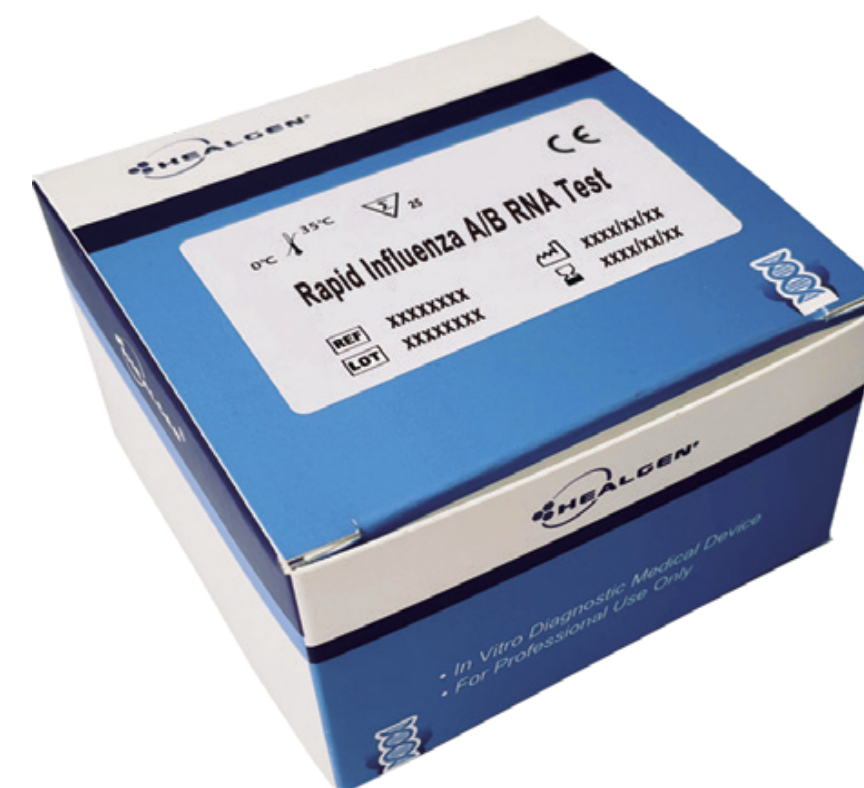
### Rapid Influenza A/B RNA Test RFLU01

CE

The Rapid Influenza A/ B RNA Test is a qualitative *in vitro* nucleic acid RT-LAMP test for the detection of influenza A virus or influenza B virus in nasal swab from individuals suspected of influenza.

#### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Nasal swab
- Protocol Duration: 25 minutes (Positive result can be gotten in 8 minutes)
- Storage: 0°C to 35°C
- Shelf Life: 18 months from the date of manufacture



# Rapid RNA/DNA Test Series

## Rapid RNA/DNA Test

# 07



### Rapid Mycoplasma Pneumoniae DNA Test RMP01\*

CE

The Rapid Mycoplasma Pneumoniae DNA test is a qualitative *in vitro* nucleic acid LAMP test for the detection of 23S rRNA gene of Mycoplasma Pneumoniae (MP) in nasal swab specimens from individuals suspected of Mycoplasma Pneumoniae infection.

#### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Nasal swab
- Protocol Duration: 20 minutes (Positive result can be gotten in 8 minutes)
- Storage: 0°C to 35°C
- Shelf Life: 18 months from the date of manufacture



### Rapid Respiratory Syncytial Virus RNA Test RRSV01\*

CE

The Rapid Respiratory Syncytial Virus RNA test is a qualitative *in vitro* nucleic acid RT-LAMP test for the detection of F gene of RSV A virus and L gene of RSV B virus in nasal swab specimens from individuals suspected of Respiratory Syncytial Virus RNA infection.

#### Specifications

- Analytical Sensitivity (LoD): 1000 copies/mL
- Sample Type: Nasal swab
- Protocol Duration: 20 minutes (Positive result can be gotten in 8 minutes)
- Storage: 0°C to 35°C
- Shelf Life: 18 months from the date of manufacture



# Rapid RNA/DNA Test Series 08

## Isothermal Amplifier



**HG-I202** | 2 wells  
2 channels



\* For Research Use Only

### Gene Scoper

The product is based on the principle of isothermal amplification and fluorescence monitoring technology and is used with the supporting detection reagent for qualitative *in vitro* detection of human nucleic acid (DNA/RNA) analyzers.

- Small portable unit for easy mobility.
- No operator training is required, and no additional laboratory equipment is required.
- Fast detection: Positive results can be obtained as early as 8 minutes
- Intuitive to interpret.
- Multiple pathogens can be detected on the same machine at the same time.

Dimensions	L118×W114×H121mm
Weight	542g
Reaction Time	6-30 min
Sample Size	2 wells × 1.5mL
Reaction Tubes	DNase and RNase-free 1.5 mL centrifuge tube
Electrical Data	100-240VAC, 50/60 HZ

Reaction Volume	50-100µL
Temperature Control Range	Room Temperature~70°C
Excitation Wavelength	470~600nm
Absorption Wavelength	520~630nm
Fluorescent Detection Dyes	F1: FAM/ SYBR Green I F2: ROX
Data Storage	2000 articles

# Rapid RNA/DNA Test Series 08

## Isothermal Amplifier



**HG-I204** | 4 wells  
2 channels



\* For Research Use Only

### Gene Scoper

The product is based on the principle of isothermal amplification and fluorescence monitoring technology and is used with the supporting detection reagent for qualitative *in vitro* detection of human nucleic acid (DNA/RNA) analyzers.

- Small portable unit for easy mobility.
- No operator training is required, and no additional laboratory equipment is required.
- Fast detection: Positive results can be obtained as early as 8 minutes
- Intuitive to interpret.
- Multiple pathogens can be detected on the same machine at the same time.

Dimensions	L206×W133×H130mm
Weight	1093g
Reaction Time	6-30 min
Sample Size	4 wells × 1.5mL
Reaction Tubes	DNase and RNase-free 1.5 mL centrifuge tube
Electrical Data	100-240VAC, 50/60 HZ

Reaction Volume	50-100µL
Temperature Control Range	Room Temperature~70°C
Excitation Wavelength	470~600nm
Absorption Wavelength	520~630nm
Fluorescent Detection Dyes	F1: FAM/ SYBR Green I F2: ROX
Data Storage	2000 articles



# Product Catalogue

*Molecular Diagnostics*

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