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Product Catalogue

P/N: DA-TF/PC-100 V2/1 Decode Genetic Life. Assure Human Health.

About Daan Gene

Daan Gene Co., Ltd. is a high-tech biomedical enterprise committed to the R&D, manufacturing and marketing of IVD products relating to disease diagnosis and human health.

Founded in 1993 and headquartered in Guangzhou, China, Daan Gene ranks among China's leading molecular diagnosis companies with its expertise in many core businesses. Apart from developing new diagnostic tests, automatic extractors and real-time PCR systems, its objectives also include producing core raw material, CRMs and setting up service labs to perform clinical analyses for hospitals and individuals.

Today, Daan Gene's innovative molecular diagnostic solutions have helped millions of patients globally. Besides molecular diagnostic technology, the company is also committed to immunological diagnostic technology, biochemical technology, etc. The products involve infectious disease detection, TORCH, precision medicine, blood screening, public health and scientific research services. Multiple product lines are deployed by Daan Gene, making a comprehensive layout in the IVD industry.



Originated from Sun Yat-sen
University, with **30+** years
of experience in the molecular
diagnosis industry.



The 1st company in China to obtain **CE List A** approval for **HBV/HCV** PCR kit.



WHO, World Bank Group, Global Fund, UNICEF, Consulates General of PCR strategy partner.

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Real-time PCR Detection Kit



Hepatitis Virus

Background

Hepatitis B and C are viral infections that attack the liver and can cause both acute and chronic hepatitis, ranging in severity from a mild illness to a serious, lifelong illness including liver cirrhosis and cancer. Hepatitis B and C can also be transmitted through unsafe injections, sexual contact and sharing equipment for injecting drug use, etc. WHO estimates that 354 million people worldwide live with hepatitis B or C, with about 3 million new infections occurring per year. A global hepatitis strategy has been set by WHO aiming to reduce new hepatitis infections by 90% and deaths by 65% between 2016 and 2030.



HBV/HCV Diagnostic Kits

Daan's Hepatitis Virus Diagnostic Kits are intended for the quantitative detection of HBV/HCV nucleic acids in human serum or plasma specimens. These kits are based on the real-time fluorescent PCR technique and design specific primers and fluorescence probes that take relatively conserved regions in the viruses' genomes as target regions. These kits have wide linear range and high sensitivity. In addition, internal control is involved to monitor the whole NAT procedure.

Product Information

Product Description	Specimen
Diagnostic Kit for Quantification of Hepatitis B Virus DNA (PCR-Fluorescence Probing)	Serum or plasma
Diagnostic Kit for Quantification of Hepatitis C Virus RNA (PCR-Fluorescence Probing)	Serum or plasma

Diagnostic Kit for Quantification of Hepatitis B Virus DNA (PCR-Fluorescence Probing)

Diagnostic Kit for Quantification of Hepatitis B Virus DNA (PCR-Fluorescence Probing) is intended for the quantitative detection of HBV DNA in human serum or plasma specimens. This kit is based on the real-time fluorescent PCR technique and designs specific primers and fluorescence probes that take relatively conserved regions in the HBV genome as target regions.



Specification

Test principle	Quantitative real-time fluorescent PCR
Specimen type	Serum or plasma
Fluorescence channel	FAM, VIC
LOD	10 IU/mL
Linear range	20 IU/mL-1.0×10 ⁹ IU/mL
Storage and shelf life	-20±5°C, 9 months
Applicable instruments	ABI Prism 7500
Certificate	CE, NMPA

Order Information

Description	Cat. No.	Specification(Tests/Kit)
Diagnostic Kit for Quantification of Hepatitis B Virus DNA (PCR-Fluorescence Probing)	DA0041	Large package, 48 tests/kit



Real-time PCR Detection Kit



Diagnostic Kit for Quantification of Hepatitis B Virus DNA (PCR-Fluorescence Probing) (Ultra High Sensitivity)

For patients with low levels of viremia, especially those with undetectable HBV-DNA, positive HBeAg, abnormal ALT, high HBsAg levels or untreated patients, it is recommended to use a high-sensitivity HBV DNA test so that the timing of antiviral therapy can be more accurately judged, the antiviral effect can be assessed and adverse outcomes can be avoided.



• Dual target amplification for S and C gene region

• Cover HBV genotypes A, B, C, D, E, F, G, H



Specification

Transcription to be	
Test principle	Quantitative real-time fluorescent PCR
Specimen type	Serum or plasma
LOD	2 IU/mL
Linear range	20 IU/mL-1.0×10 ⁸ IU/mL
Fluorescence channel	FAM, VIC
Storage and shelf life	-20±5°C, 12 months
Applicable instruments	ABI 7500, AGS4800
Certificate	NMPA, CE(pending)

Order Information

Description	Cat. No.	Specification(Tests/Kit)
Diagnostic Kit for Quantification of Hepatitis B Virus DNA (PCR-Fluorescence Probing)	DA1280	Large package, 48 tests/kit

Diagnostic Kit for Quantification of Hepatitis C Virus RNA (PCR-Fluorescence Probing)

Diagnostic Kit for Quantification of Hepatitis C Virus RNA (PCR-Fluorescence Probing) is intended for the quantitative detection of hepatitis C virus (HCV) RNA in human serum or plasma specimens. This kit is based on the real-time fluorescent PCR technique and designs specific primers and fluorescence probes that take relatively conserved regions in the HCV genome as target regions.



Specification

Test principle	Quantitative real-time fluorescent PCR
Specimen type	Serum or plasma
Fluorescence channel	FAM, VIC
LOD	20 IU/mL
Linear range	50 IU/mL-1.0×10 ⁸ IU/mL
Storage and shelf life	-20±5°C, 9 months
Applicable instruments	ABI Prism 7500
Certificate	CE, NMPA

Order Information

Description	Cat. No.	Specification(Tests/Kit)
Diagnostic Kit for Quantification of Hepatitis C Virus DNA (PCR-Fluorescence Probing)	DA0182	Large package, 48 tests/kit



Real-time PCR Detection Kit

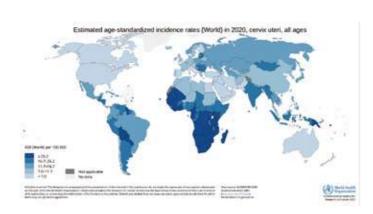
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Human papillomavirus (HPV)

Background

Human papillomavirus (HPV) is the most common viral infection of the reproductive tract and is mainly transmitted through sexual contact. There are more than 100 types of HPV, of which 14 types are cancer-causing (also known as high-risk types). Two of these, HPV 16/18 are responsible for at least 70% of cervical cancers and 50% of high-grade cervical pre-cancers.

Cervical cancer is the fourth most common cancer among women globally. To reach the 2030 targets of cervical cancer elimination, WHO encourages countries to use HPV tests for cervical screening.



Source: World Health Organization⁽¹⁾ & CDC⁽²⁾
Reference: https://www.wbo.int/news-room/fact-sheets/detail/cervical-ca
https://www.cdc.gov/cancer/cervical/basic_info/

HPV (16/18 genotypes) DNA Test (Real-Time PCR)

Daan's HPV (16/18 genotypes) DNA Test (Real-Time PCR) is used to qualitatively detect HPV type 16 and 18 DNA in cervical exfoliated cells and genitourinary secretions specimens. This kit uses the HPV genome L1 variant region as the target area, and designs HPV type 16/18 specific primer-probe combination (FAM label) and internal reference primer-probe (HEX label), with hot-start DNA polymeraseand other components.

Product Information

Product Description	Specimen
HPV (16/18 genotypes) DNA Test (Real-Time PCR)	Cervical exfoliated cells, genitourinary secretions

HPV (16/18 genotypes) DNA Test (Real-Time PCR)

This kit is used to qualitatively detect human papillomavirus (HPV) type 16 and type 18 deoxyribonucleic acid (DNA) in cervical exfoliated cells and genitourinary secretions specimens.



Specification

Qualitative real-time fluorescent PCR Cervical exfoliated cells, genitourinary secretions Spin column (recommended) FAM (HPV16/18 gene detection); VIC/HEX (Internal reference gene detection)
Spin column (recommended)
·
FAM (HPV16/18 gene detection); VIC/HEX (Internal reference gene detection)
1.0E+04 copies/reaction
Nucleic acid extraction reagent: 18-25°C, 9 months
Nucleic acid amplification reagent: -20±5°C, 9 months
Proteinase K and Carrier RNA: -20±5°C, 9 months
ABI Prism 7500, ABI Prism 7300, LightCycler 480
CE, NMPA

Order Information

Description	Cat. No.	Specification (Tests/Kit)
HPV(16/18 genotypes) DNA Test (Real-Time PCR)	DA0540	Large package, 48 tests/kit



Real-time PCR Detection Kit



Sexually Transmitted Infections

Background

Sexually transmitted infections (STIs) are infections that are spread predominantly by sexual contact or from mother to child during pregnancy, childbirth, and breastfeeding. STIs have direct impact on sexual and reproductive health through stigmatization, infertility, cancers, and pregnancy complications and can increase the risk of HIV. There are more than 20 types of STIs, including *Chlamydia Trachomatis* (CT), *Neisseria Gonorrheae* (NG), HIV/AIDS, *Ureaplasma Urealyticum* (UU), HPV, etc.

STIs Diagnostic Kit

Daan's STIs Diagnostic Kits are intended for the in vitro qualitative detection of CT/NG/UU nucleic acids in male urethral secretion swab and female cervical secretion swab specimens. These kits are based on the real-time fluorescent PCR technique and design specific primers and fluorescent probes to target the highly conserved coding region of viruses' genes. Internal standard materials are involved in these kits to monitor the whole NAT procedure.

Product Information

Product Description	Specimen
Detection Kit for <i>Chlamydia trachomatis</i> Nucleic Acid (PCR-Fluorescence Probing)	Male urethral secretion swab or female cervical secretion swab specimens
Detection Kit for Neisseria gonorrhoeae DNA (PCR-Fluorescence Probing)	Male urethral secretion swab or female cervical secretion swab specimens
Detection Kit for <i>Ureaplasma Urealyticum</i> Nucleic Acid (PCR-Fluorescence Probing)	Male urethral secretion swab or female cervical secretion swab specimens

Detection Kit for *Chlamydia trachomatis* Nucleic Acid (PCR-Fluorescence Probing)

This kit is intended for the *in vitro* qualitative detection of *Chlamydia trachomatis* (CT) DNA in male urethral secretion and female cervical secretion swab specimens. This kit uses real-time fluorescent PCR technology in which specific primers and fluorescent probes (FAM channel is CT detection result, VIC channel is internal standard detection result) are designed to target the conserved sequences of the cryptic plasmids of *Chlamydia trachomatis* (CT) for PCR amplification.



Specification

Test principle	Qualitative real-time fluorescent PCR	
	<u> </u>	
Specimen type	Male urethral secretion swab and female cervical secretion swab specimens	
Target gene	Conserved sequences of the cryptic plasmids of <i>Chlamydia trachomatis</i> (CT)	
Fluorescence channel	FAM, VIC	
LOD	400 copies/mL	
Storage and shelf life	-20±5°C, 9 months	
Applicable instruments	ABI Prism 7500	
Certificate	CE, NMPA	

Order Information

Description	Cat. No.	Specification(Tests/Kit)
	DA1140	Large package, 48 tests/kit
Detection Kit for Chlamydia trachomatis Nucleic Acid (PCR-Fluorescence Probing)	DA1141	Large package, 20 tests/kit
	DA1142	Single tube, 20 tests/kit



Real-time PCR Detection Kit



Detection Kit for *Neisseria gonorrhoeae* DNA (PCR-Fluorescence Probing)

This kit is intended for the qualitative detection of Neisseria gonorrhoeae nucleic acid in male urethral secretion swabs and female cervical secretion swabs. The kit uses real-time fluorescent PCR technology, with specific primers and fluorescent probes designed to bind to the highly conserved region of NG gene coding regions as a target region for PCR amplification, and is used for the qualitative detection of NG DNA in specimens.



Specification

Test principle	Qualitative real-time fluorescent PCR
Specimen type	Male urethral secretion swab, female cervical secretion swab
Target gene	Highly conserved region of NG gene coding regions
Fluorescence channel	FAM, VIC
LOD	748 copies/mL
Storage and shelf life	-20±5°C, 9 months
Applicable instruments	ABI 7500, Roche LightCycler480
Certificate	CE, NMPA

Order Information

Description	Cat. No.	Specification(Tests/Kit)
	DA1190	Large package, 48 tests/kit
Detection Kit for Neisseria gonorrhoeae DNA (PCR-Fluorescence Probing)	DA1191	Large package, 20 tests/kit
	DA1192	Single tube, 20 tests/kit

Detection Kit for *Ureaplasma Urealyticum* Nucleic Acid (PCR-Fluorescence Probing)

This kit is intended for the *in vitro* qualitative detection of *Ureaplasma Urealyticum* (UU) DNA in male urethral secretion and female cervical secretion swab specimens. This kit uses real-time fluorescent PCR technology to target the highly conserved coding region of *Ureaplasma Urealyticum* (UU) gene to design specific primers and fluorescent probes for PCR amplification and conduct rapid qualitative detection of *Ureaplasma Urealyticum* (UU) DNA in specimens.



Specification

Test principle	Qualitative real-time fluorescent PCR
Specimen type	Male urethral secretion swab and female cervical secretion swab specimens
Target gene	Highly conserved coding region of Ureaplasma urealyticum (UU) gene
Fluorescence channel	FAM, VIC
LOD	6.62×10 ² copies/mL (8.80×10 ² CCU/mL)
Storage and shelf life	-20±5°C, 9 months
Applicable instruments	ABI 7500, Roche LightCycler480
Certificate	CE, NMPA

Order Information

Description	Cat. No.	Specification(Tests/Kit)
	DA1120	Large package, 48 tests/kit
Detection Kit for <i>Ureaplasma Urealyticum</i> Nucleic Acid (PCR-Fluorescence Probing)	DA1121	Large package, 20 tests/kit
	DA1122	Single tube, 20 tests/kit



Real-time PCR Detection Kit



Human Immunodeficiency Virus

HIV, the virus that causes AIDS, is one of the world's most serious public health challenges.

WHO estimates worldwide 37.7 million people living with HIV at the end of 2020, 680000 people died from HIV-related causes and 1.5 million people acquired HIV.



HIV-1 is the predominant strain of HIV in the world today. It is easier to transmit and more capable of causing rapid disease progression than HIV-2. Over 99% of HIV infections today are caused by HIV-1.

Diagnostic Kit for Quantification of Human Immunodeficiency Virus Type 1 (HIV-1)

Daan designed HIV type 1 PCR Diagnostic kit for quantitative measurement of human immunodeficiency virus type 1 RNA content in human serum or plasma. This diagnostic test kit utilizes the reverse transcription-polymerase chain reaction (RT-PCR). It can be used to supervise the therapeutic effect of the auxiliary diagnosis for HIV-1 infection and the drug therapy of HIV-1 infected patients.



Specifications

Test principle	Real-time fluorescent PCR	
Specimen type	Serum or plasma	
Fluorescence channel	FAM, VIC	
LOD	100 IU/mL	
Linear range	250 IU/mL ~ 1.0×10 ⁸ IU/mL	
Storage and shelf life	-20±5°C, 9 months	
Applicable instruments	AGS4800, ABI Prism 7300, ABI Prism 7500, LightCycler480	
Certificate	NMPA, CE(Pending)	

Order Information

Description	Cat. No.	Specification(Tests/Kit)
Diagnostics Kit for Quantification of Human Immunodeficiency Virus Type 1 (HIV-1)	DA0330	Single tube for single test, 48 tests/kit
(PCR-Fluorescence Probing)	DA0331	Large package, 48 tests/kit

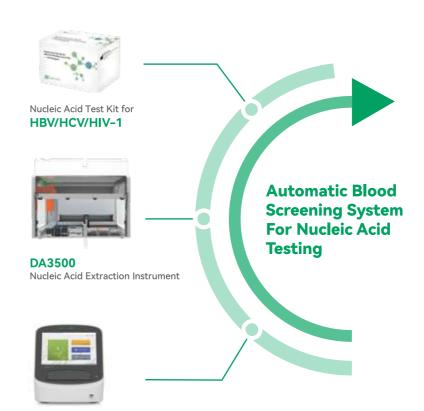
Blood Screening

Blood transfusion is a life-saving intervention that has an essential role in patient management within health care systems, but many patients requiring transfusion do not have timely access to safe blood. WHO recommends that all blood donations should be screened for infections prior to use. Screening for HIV, hepatitis B and hepatitis C should be mandatory. According to the WHO report on blood safety (2018), 12 countries are not able to screen all donated blood for one or more of the above infections.



Nucleic Acid Test Kit for HBV HCV HIV (Real-time PCR)

Daan designed this kit based on real-time fluorescent PCR technique for the qualitative detection of hepatitis B virus (HBV), hepatitis C virus (HCV) and human immunodeficiency virus type 1 (HIV-1) nucleic acids in mixed/separated serum and plasma specimens.



Lava 96 Real-time PCR System

Integrated

Fully automatic sample preparation and nucleic acid extraction in one module to build up a integrated reaction system.

Flexible

HBV, HCV and HIV triple independent amplification.

No contamination

Rotation technology avoids contamination caused by the violent oscillation. Air filtration system, UV lamp, as well as independent sample pooling and extraction zone prevent cross contamination.

Zero waste

Individual cartridge-based extraction consumable meets 1-48 tests per run.



Real-time PCR Detection Kit

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Nucleic Acid Test Kit for HBV/HCV/HIV-1

Methodology	RT-PCR
Quality control	Internal control and UNG enzyme anti-contamination
LOD	1mL single sample: 100 IU/mL, Mixed sample: 500 IU/mL
Quantitative/qualitative	Qualitative
Storage and shelf life	-20±5°C, 12 months



DA3500 Nucleic Acid Extraction Instrument

Ready-to-use reagents simplify the extraction process. While individual and '4-in-1'cartridges satisfy different number of samples.

Method	Magnetic beads
Sample volume	20~2000uL
Sample capacity	48 samples
Running time	60 min/48samples (45 min only for extraction)
Anti-contamination	HEPA filter, UV light
Mixing method	Rotation



Lava 96 Real-time PCR System

It combines advanced optical system with precise temperature control to provide stable, reliable analysis of 1 to 96 samples.

Throughput	1-96 samples
Fluorescence channels	• FAM, VIC, TEXAS-Red, CY5 • 2 extend channels
Temperature range	0-100°C
Temperature uniformity	±0.5°C
leating rate	≥4.5°C/s
Cooling rate	≥3.0°C/s
Excitation light source	LED (maintenance-free)
Display	12.1 inches color touch screen



Respiratory Infections

Background

The common cold and even the flu that interfere with normal breathing are considered respiratory infections and are usually caused by pathogens that attack the respiratory tract. Respiratory infections are contagious and can spread from one person to another by transmitting germs from a cough or sneeze or even touching an object exposed to those germs.



Respiratory infections can lead to a variety of symptoms, including congestion, runny nose, cough, sore throat, body aches, fatigue, etc. Some could cause life-threatening like bacterial pneumonia or tuberculosis (TB).

Respiratory Infections Diagnostic Kits

Daan's Respiratory Infections Diagnostic Kits are intended for the *in vitro* qualitative detection of several respiratory viruses' nucleic acids in swab specimens or sputum. These kits are based on the real-time fluorescent PCR technique and design specific primers and fluorescent probes to target the highly conserved coding region of viruses' genes. Internal standard materials are involved in these kits to monitor the whole NAT procedure.

Product Information

Product Description	Specimen
Diagnostic Kit for Human Influenza Virus Subtype H1 RNA (PCR-Fluorescence Probing)	Oropharyngeal swabs
Diagnostic Kit for Mycoplasma pneumoniae DNA (PCR-Fluorescence Probing)	Oropharyngeal swabs or sputum
Detection Kit for Mycobacterium Tuberculosis Complex Nucleic Acid (PCR-Fluorescence Probing)	Sputum or bronchoalveolar lavage fluid



Real-time PCR Detection Kit

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Detection Kit for *Mycobacterium Tuberculosis* Complex Nucleic Acid (PCR-Fluorescence Probing)

Intended Use

This kit is used for *in vitro* qualitative detection of the nucleic acid of *mycobacterium* tuberculosis complex in human sputum and bronchoalveolar lavage fluid specimens.

Mycobacterium tuberculosis can invade the susceptible body through the respiratory tract, digestive tract or damaged skin, causing the infection of a variety of tissues and organs, among which pulmonary tuberculosis accounts for more than 80% of various types of tuberculosis, and is the main type of tuberculosis.



Specification

Test principle	Real-time fluorescent PCR
Specimen type	Sputum or bronchoalveolar lavage fluid
Fluorescence channel	FAM (IS6110), VIC (internal control)
Detection type	M. tuberculosis (main causative agent), M. bovis, M. africanum, M. microti
Process time	About 95 minutes
CV	≤5%
LOD	1 bacterium/mL
Storage and shelf life	-20±5°C, 9 months
Applicable instruments	AGS4800, ABI 7500, LightCycler480
Certificate	CE, NMPA

Order Information

Description	Cat. No	Specification (Tests/Kit)
	DA1240	Large package, 20 tests/kit
Detection Kit for <i>Mycobacterium Tuberculosis</i> Complex Nucleic Acid (PCR-Fluorescence Probing)	DA1241	Large package, 48 tests/kit
	DA1242	Single tube, 20 tests/kit

Digestive Pathogens

Background

Digestive pathogen is a general definition for a group of viruses including enterovirus and norovirus. These viruses are often found in the respiratory secretions and stools of infectors and affect millions of people worldwide each year.



HFMD is caused by enterovirus infection and has been a common epidemic among children, its main manifestations are ulcerative herpes of oral mucosa and vesicular rashes on extremities. The main pathogens of HFMD are CA16 and EV71, in recent years, CA6 and CA10 have become major causes of HFMD outbreaks worldwide.

Norovirus is one of the major pathogens responsible for acute and infectious diarrhea in adults and children in communities. It is usually spread by the fecal-oral route and results in about 685 million cases of disease and 200,000 deaths globally a year.

Detection Kit for Children Fever and Rashes, Hand-Foot-and-Mouth disease

Daan's Detection Kits for Children Fever and Rashes, Hand-Foot-and-Mouth disease are used for the in vitro detection of enterovirus in multi-type of specimens from HFMD patients or suspected patients by PCR fluorescence probing technology, and can be used to distinguish among Enterovirus 71 (EV71), Coxsackievirus A16 (CA16) and Coxsackievirus A6 (CA6).

Detection Kit for Norovirus RNA

Daan's Detection Kit for Norovirus RNA is intended for the qualitative detection of norovirus RNA in feces specimens from patients.

Using real-time fluorescence PCR technology, this kit contains specific primers and fluorescent probes designed to target the highly conserved regions of gene coding regions of noroviruses GI, GII, and GIV.

Product Information

Product Description	Specimen
Detection Kit for Enterovirus 71/Coxsackievirus A16/Enterovirus RNA (PCR-Fluorescence Probing)	Feces, throat swabs, anal swabs
Diagnostic Kit for Coxsackievirus A6 RNA (PCR-Fluorescence Probing)	Human throat swabs
Detection Kit for Norovirus RNA (PCR-Fluorescence Probing)	Feces



Real-time PCR Detection Kit



Public Health

Background

Public health is the public utilities related to a country or a region of the people's health. It contains the prevention, monitoring, and treatment of serious diseases, especially infectious diseases. Accurate, reliable, and high-throughput diagnostic solutions are vital to helping individuals, societies, and healthcare combat public health emergency events. Daan Gene has always been at the forefront with its efforts in the prevention and control of new and sudden outbreaks of infectious diseases, such as Dengue virus, Zika virus, Mpox and Bunyavirus.



Detection Kits for diseases of public health significance

Daan's detection kits for diseases of public health significance are intended for the *in vitro* detection of infectious disease pathogens' nucleic acids in different types of specimens. These kits are based on the real-time fluorescent PCR technique and design specific primers and fluorescent probes to target the highly conserved coding regions of the viruses. Internal standard materials are involved to monitor the whole NAT procedure.

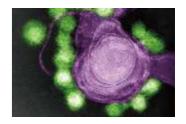
Product Information

Product Description	Specimen
Detection Kit for Zika Virus RNA (PCR-Fluorescence Probing)	Serum, plasma, saliva, and urine
Diagnostic Kit for Dengue Virus RNA (PCR-Fluorescence Probing)	Serum
Detection Kit for Monkeypox Virus DNA (PCR-Fluorescence Probing)	Rashes, scabs, vesicle fluid, pustule fluid, and whole blood specimens
Detection Kit for Severe Fever with Thrombocytopenia Syndrome Bunyavirus (PCR-Fluorescence Probing)	Serum

Detection Kit for Zika Virus RNA (PCR-Fluorescence Probing)

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The product is intended for qualitative detection of the specific fragment of NS1 gene of Asian and African lineage Zika viruses in serum, plasma, saliva, and urine specimens from individuals with an epidemiological history and symptoms including fever, rash, arthralgia, or conjunctivitis that are difficult to explain by other reasons.



Specifications

Test principle	Real-time fluorescent PCR
Specimen type	Serum, plasma, saliva, urine
Fluorescence channel	FAM, VIC
LOD	50 copies/mL
Storage and shelf life	-20±5°C, 12 months
Applicable instruments	ABI 7300, ABI 7500, LightCycler480
Certificate	CE

Order Information

Description	Cat. No.	Specification(Tests/Kit)
Detection Kit for Zika Virus RNA (PCR-Fluorescence Probing)	DA0710	Large package, 24 tests/kit
Detection for Zika virus Kiva (FCR-Fluorescence Probing)	DA0711	Large package, 48 tests/kit







Diagnostic Kit for Dengue Virus RNA (PCR-Fluorescence Probing)

NMPA

The kit is used for the qualitative detection of Dengue virus (DV) RNA (including four serotypes: I, II, III, IV) in human serum specimen. The kit uses real-time fluorescent PCR technology, takes the high conservative region of the DV gene coding region as the target region, to design specific primers and fluorescent probes, and performs PCR amplification for qualitative detection of DV RNA in the specimen.



Specifications

Test principle	Real-time fluorescent PCR
Specimen type	Serum
Fluorescence channel	FAM, VIC
LOD	1.5×10 ¹ TCID ₅₀ /mL
Storage and shelf life	-20±5°C, 12 months
Applicable instruments	ABI 7500, Roche LightCycler480
Certificate	NMPA

Order Information

Description	Cat. No.	Specification(Tests/Kit)
	DA0310	Large package, 10 tests/kit
Diagnostic Kit for Dengue Virus RNA (PCR-Fluorescence Probing)	DA0311	Large package, 48 tests/kit
	DA0312	Single tube, 10 tests/kit

Detection Kit for Severe Fever with Thrombocytopenia Syndrome Bunyavirus (PCR-Fluorescence Probing)





Severe fever with thrombocytopenia syndrome virus (SFTSV) is a tick-borne virus that causes severe infection in humans characterized by an acute febrile illness with thrombocytopenia and hemorrhagic complications. Human mortality rates for SFTSV infection range from 6% to 30%.



This kit is used for *in vitro* quantitative detection of severe fever with thrombocytopenia syndrome bunyavirus RNA in serum specimen. This kit is suitable for supplementary diagnosis of severe fever with thrombocytopenia syndrome bunyavirus infection.

Specifications

Test principle	Real-time fluorescent PCR
Specimen type	Serum
Fluorescence channel	FAM, VIC
LOD	10 TCID₅₀/mL
Linear range	$1.0 \times 10^2~{\rm TCID_{50}}/{\rm mL} \sim 1.0 \times 10^6~{\rm TCID_{50}}/{\rm mL}$
Storage and shelf life	-20±5°C, 6 months
Applicable instruments	ABI 7500, ABI 7300, LightCycler480, BioRad CFX-96
Certificate	CE, NMPA

Order Information

Description	Cat. No.	Specification(Tests/Kit)
Detection Kit for Severe Fever with Thrombocytopenia Syndrome Bunyavirus (PCR-Fluorescence Probing)	DA0340	Large package, 48 tests/kit



Real-time PCR Detection Kit



Coronavirus Disease (COVID-19)

Background

COVID-19 is an infectious disease caused by the SARS-CoV-2 virus, a virus of the species severe acute respiratory syndromerelated coronavirus. SARS-CoV-2 primarily spreads between people through close contact and via aerosols and respiratory droplets. In addition, as the nature of RNA viruses to evolve and change gradually, SARS-CoV-2 has mutated over time, resulting in genetic variation in the population of circulating viral strains over the course of the COVID-19 pandemic.

COVID-19 symptoms range from undetectable to deadly, but most commonly include fever, dry cough, and fatigue. Severe illness is more likely in elderly patients and those with certain underlying medical conditions. Mutations have also produced many strains (variants) with varying degrees of infectivity and virulence.



Coronavirus Diagnostic Kit

Daan's Coronavirus Diagnostic Kits are intended for in vitro detection of SARS-CoV-2 targeted gene in different specimen types like oropharyngeal swabs, nasopharyngeal swabs, sputum, and saliva. These kits are based on RT-PCR technology, and compatible with mainstream types of PCR instruments. Endogenous internal control and UDG enzyme are involved in these kits to guarantee accuracy.

Product Information

Product description	Specimen
Detection Kit for 2019 Novel Coronavirus (2019-nCoV) RNA (PCR-Fluorescence Probing) (Regular)	Throat swab, sputum
Detection Kit for 2019-nCoV (PCR-Fluorescence) (Fast)	Throat swab, sputum
Detection Kit for 2019-nCoV (PCR-Fluorescence) (Saliva)	Throat swab, sputum, saliva
Detection Kit for 2019-nCoV (E/N/RDRP Gene)	Oropharyngeal swab, nasopharyngeal swab, sputum
Detection Kit for Influenza A/B and 2019-nCoV (PCR-Fluorescence Probing)	Throat swab, sputum
2019-nCoV Delta Variant Detection Kit (PCR-Fluorescence Probing)	Oropharyngeal swab, nasopharyngeal swab, saliva
2019-nCoV Omicron Variant Detection Kit (PCR-Fluorescence Probing)	Oropharyngeal swabs, nasopharyngeal swabs, sputur

DA093X

Detection Kit for 2019 Novel Coronavirus (2019-nCoV) RNA (PCR-Fluorescence Probing) (Regular)

Target	ORF1ab gene, N gene
Sample type	Throat swab, sputum
LOD	100 copies/mL
Storage and shelf life	-20±5°C, 9 months
Compatible instrument	ABI 7500, LightCycler480, AGS4800, QuantStudio [™] 5, SLAN-96P





DA099X

Detection Kit for 2019-nCoV (PCR-Fluorescence)(Fast)

Target	ORF 1ab gene, N gene
Sample type	Throat swab, sputum
LOD	200 copies/mL
Storage and shelf life	-20±5°C, 9 months
Compatible instrument	AGS8830, AGS4800, ABI 7500



DA104X

Detection Kit for Influenza A/B and 2019-nCoV (PCR-Fluorescence Probing)

2019-nCoV	N gene, ORF1ab gene
Flu A / Flu B	M gene
	500 copies/mL
	Throat swab and sputum
e	-20±5 °C, 9 months
ent	ABI 7500
	Flu A / Flu B





Real-time PCR Detection Kit



Tumor Markers

Background

Tumor markers, also called biomarkers, are substances found in your blood, urine, or body tissue. They may refer to proteins that are made by both healthy cells and cancer cells in the body and may also refer to mutations, changes, or patterns in a tumor's DNA. They are used in oncology to help detect the presence of cancer. PCR can detect tumor marker-expressing cells that are otherwise undetectable by other means in patients with localized or metastatic cancer.



Detection Kit for Epstein-Barr Virus Nucleic Acid (PCR-Fluorescence Probing)

This kit is intended for the quantitative detection of Epstein-Barr virus (EBV) DNA. This kit is based on the real-time PCR technique and designs specific primers and fluorescent probes to target the highly conserved coding region of EBV gene. Internal standard materials are involved to monitor the whole NAT procedure and reduce the occurrence of false-negative results.



Specifications

Test principle	Real-time fluorescent PCR
Specimen type	Human serum, plasma, and whole blood specimens
Fluorescence channel	FAM (EBNA1 gene), VIC (Exogenous internal control)
LOD	1.0×10² IU/mL (equivalent to 2.68×10² copies/mL)
Linear range	2.0×10 ² IU/mL - 2.0×10 ⁸ IU/mL
Storage and shelf life	-20±5°C, 9 months
Applicable instruments	ABI 7500, Roche LightCycler480, AGS4800
Certificate	CE

Order Information

Description	Cat. No.	Specification(Tests/Kit)
	DA1250	Large package, 20 tests/kit
Detection Kit for Epstein-Barr Virus Nucleic Acid (PCR-Fluorescence Probing)	DA1251	Large package, 48 tests/kit
	DA1252	Single tube, 20 tests/kit

TORCH

TORCH infections are a group of congenital infections that are passed from mother to child at some time during pregnancy, during delivery, or after birth. TORCH is an acronym representing infections caused by Toxoplasma gondii, other agents, rubella, cytomegalovirus (CMV), and herpes simplex virus (HSV).



Daan's real-time PCR kits are used for detecting the nucleic acid of TORCH, which can help prevent complications in newborns by early detection of an infection.

Pharmacogenomics

Pharmacogenomics is a field of research that studies how a person's genes affect how he or she responds to medications. Certain proteins affect how drugs work. Pharmacogenomics looks at variations in genes for these proteins. Such proteins include liver enzymes that chemically change drugs. Sometimes chemical changes can make the drugs more—or less—active in the body. Even small differences in the genes for these liver enzymes can have a big impact on a drug's safety or effectiveness. CYP2C19 metabolizes 5% of the prescription drugs in use today. Some of the commonly used and largest selling therapeutics for heart disease, depression, and fungal treatments are all metabolized by CYP2C19. Understanding a patient's CYP2C19 genotype may provide insight into how they will respond to drugs.



CYP2C19 Metabolizer Phenotypes

*1/*1	Extensive metabolizers (EM)
*1/*2, *1/*3	Intermediate metabolizers (IM)
*2/*2, *2/*3, *3/*3	Poor metabolizers (PM)
*1/*17, *17/17	Ultra-rapid metabolizers (UM)

CYP2C19 Genotyping Diagnostic Kit (PCR-Fluorescence Probing)

This kit is used to detect and identify the polymorphisms of CYP2C19*2 (c. 681G>A), CYP2C19*3 (c. 636G>A) and CYP2C19*17 (c. -806C>T) in human whole blood samples. It is a qualitative genotyping assay which can be used as an aid to clinicians in determining therapeutic strategy for the therapeutics that are metabolized by the CYP2C19 gene product. The test results are for clinical reference only and cannot be used as a basis for confirming or excluding cases alone.

Nucleic Acid Extraction Kit



Specimen Preservation Reagent (Virus inactivation)

This kit is used for the preservation of tissue and cytopathological analysis specimen.



Order Information

Description	Cat. No.	Specification (Tests/Kit)
	DA0970	1.5 mL/tube, 100 tubes/kit
	DA0971	3 mL/tube, 100 tubes/kit (5mL tube)
	DA0972	3 mL/tube, 100 tubes/kit (10mL tube)
	DA0973	5 mL/tube, 100 tubes/kit
Specimen Preservation Reagent	DA0974	10 mL/tube, 50 tubes/kit
openimen i reservation Reagent	DA0975	500 mL/bottle, 1 bottle/kit
	DA0976	6 mL/tube, 100 tubes/kit
	DA0977	9 mL/tube, 50 tubes/kit
	DA0978	11 mL/tube, 50 tubes/kit (30mL tube)
	DA0979	12 mL/tube, 50 tubes/kit (30mL tube)

Specimen Preservation Solution (No inactivating ingredients)

It is used for preservation of tissue and cytopathology analysis specimens.



Order Information

Description	Cat. No.	Specification (Tests/Kit)
	DA0980	1 mL/tube, 100 tubes/kit (2mL tube)
	DA0981	3 mL/tube, 100 tubes/kit (5mL tube)
	DA0982	3 mL/tube, 100 tubes/kit (10mL tube)
Specimen Preservation Solution	DA0983	6 mL/tube, 100 tubes/kit (10mL tube)
	DA0984	9 mL/tube, 50 tubes/kit
	DA0985	10 mL/tube, 50 tubes/kit
	DA0986	11 mL/tube, 50 tubes/kit (30mL tube)
	DA0987	12 mL/tube, 50 tubes/kit (30mL tube)

Nucleic Acid Extraction Kit (Magnetic Bead)





Magnetic bead is a simple and reliable method of purifying DNA/RNA. Under optimized conditions, DNA/RNA selectively binds to the surface of magnetic beads, while other contaminants stay in solution. After washing and elution, purified DNA/RNA can then be used directly in down-stream molecular biology applications.

Features

- High sensitivity, wide linear range.
- High magnetic beads acquisition rate.
- Good repeatability.
- Wide range of application.

Order Information

Description	Cat. No.	Specification(Tests/Kit)	Compatible Instrument
	DA0600	96 tests/kit (Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
	DA0601	20 tests/kit (Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
Nucleic Acid Extraction Kit	DA0602	32 tests/kit (Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
	DA0603	96 tests/kit (Pre-packaged)	Swift 96
	DA0604	480 tests/kit (Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
	DA0620	20 tests/kit(Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
	DA0621	96 tests/kit(Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
	DA0622	20 tests/kit(Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
Nucleic Acid Isolation or Purification Reagent	DA0623	32 tests/kit(Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
g	DA0624	96 tests/kit(Pre-packaged)	Swift 96
	DA0625	32 tests/kit(Dual-well pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
	DA0626	32 tests/kit(Single pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
	DA0630	20 tests/kit(Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
	DA0631	96 tests/kit(Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
RNA/DNA Purification Kit (Magnetic Bead)	DA0632	20 tests/kit(Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
. ,	DA0633	32 tests/kit(Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
	DA0634	32 tests/kit(Single pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
	DA0640	20 tests/kit (Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
RNA/DNA Extraction or	DA0641	96 tests/kit (Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
Purification Kit	DA0642	20 tests/kit (Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
	DA0643	32 tests/kit (Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
RNA/DNA Extraction	DA0650	20 tests/kit (Pre-packaged)	BalletX3, DA3500
or Purification Kit	DA0651	48 tests/kit (Pre-packaged)	BalletX3, DA3500

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Nucleic Acid Extraction Kit

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Description	Cat. No.	Specification(Tests/Kit)	Compatible Instrument
	DA0660	20 tests/kit (Pre-packaged)	BalletX3, DA3500
RNA/DNA Extraction or Purification Kit	DA0661	24 tests/kit (Pre-packaged)	BalletX3, DA3500
	DA0662	48 tests/kit (Pre-packaged)	BalletX3, DA3500
	DA0870	20 tests/kit(Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
Nucleic Acid Isolation	DA0871	96 tests/kit(Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
or Purification Kit	DA0872	20 tests/kit(Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
	DA0873	32 tests/kit(Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
	DA1270	96 tests/kit(Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
	DA1271	480 tests/kit(Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
RNA/DNA Extraction	DA1272	20 tests/kit(Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
or Purification Kit	DA1273	32 tests/kit(Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
	DA1274	96 tests/kit(Pre-packaged)	Swift 96
	DA1275	480 tests/kit(Pre-packaged)	-
	DA1000	96 tests/kit (Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96
	DA1001	20 tests/kit (Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
Nucleic Acid Extraction Kit	DA1002	32 tests/kit (Pre-packaged)	Smart 32, Smart 32 Plus, Stream SP96
	DA1003	96 tests/kit (Pre-packaged)	Swift 96
	DA1004	480 tests/kit (Large package)	Smart 32, Smart 32 Plus, Stream SP96, Swift 96

RNA/DNA Purification Kit (Spin Column)



Spin column-based nucleic acid purification is a solid phase extraction method to quickly purify nucleic acids. This method relies on the fact that nucleic acid will bind to the solid phase of silica under certain conditions.

Features

- Economical, no need extraction instruments.
- Extraction of high-quality DNA and RNA.
- Wide range of application.



Order Information

Description	Cat. No.	Specification(Tests/Kit)
RNA/DNA Purification Kit (Spin Column)	DA0590	20 tests/kit
KNA/DNA Pullication Kit (Spin Column)	DA0591	48 tests/kit

RNA/DNA Purification Kit



This kit is used for the collection and preservation of virus specimens. Combining the function of inactivation, lysis and nucleic acid extraction, it can handle the specimen from collecting to nucleic releasing in one process. The released DNA or RNA can be used directly as a PCR template for amplification.



Features

- Sample collection, storage and nucleic acid extraction can be combined into one step.
- No need instrument, nucleic acid can be released directly, then can be used as PCR template.

Order Information

Description	Cat. No.	Specification(Tests/Kit)
	DA0940	400 μL/tube, 100 tubes/kit (1.5 mL tube)
	DA0941	400 μL/tube, 100 tubes/kit (5 mL tube)
	DA0942	3 mL/tube, 100 tubes/kit (5 mL tube)
	DA0943	3 mL/tube, 100 tubes/kit (10 mL tube)
NA/DNA Purification Kit (Preservation)	DA0944	6 mL/tube, 100 tubes/kit (10 mL tube)
NA/DNA Fullication Ait (Fleseivation)	DA0945	1 mL/tube, 100 tubes/kit (5 mL tube)
	DA0946	4 mL/tube, 100 tubes/kit (5 mL tube)
	DA0947	5 mL/tube, 100 tubes/kit (10 mL tube)
	DA0948	7 mL/tube, 100 tubes/kit (10 mL tube)
	DA0949	2 mL/tube, 100 tubes/kit (5 mL tube)
	DA0950	400 μL/tube, 100 tubes/kit
NA/DNA Purification Kit (Release)	DA0951	25 μL/tube, 100 tubes/kit
	DA0952	1.2 mL/tube, 100 tubes/kit

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Instrument

Instrument

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Stream DP96

Sample Processing System (Model: DA8050)



- Automated sample transfer processing system.
- Independent dual-channel pipetting modules.
- Transfer 96 samples in 25 minutes.
- Integrate process: tube decapping, barcode scanning, sample transfer, reagent dispensing and tube recapping.
- Safe: high efficiency filtration system/UV light.
- Unique: compatible with one-tube method/ sample pooling mode.



Smart 32 Plus

Nucleic Acid Extraction Instrument (Model: DA8031)



- 32 samples can be extracted in 10 minutes.*
- Touch screen, bench-top instrument.
- Defaulted program, reliable performance.
- Double independent heating modules improve the extraction rate.
- Anti cross-contamination design: UV light, high-precision motion control and disposable consumables.

*Rapid Nucleic Acid Extraction Kit DA060X



Stream SP96

Automatic Nucleic Acid Extraction Instrument (Model: DA8044)



- Fully-automatic nucleic acid extraction and PCR reaction preparation.
- High-throughput: 96 samples can be extracted in 18 minutes.*
- High-precision liquid handing technology.
- Anti-contamination: HEPA filter system, 100% exhaust airflow circulation, UV disinfection.
- Flexible: 9 kinds of PCR reaction can be set up in one run.
- 2 extraction modules running individually.

*Rapid Nucleic Acid Extraction Kit DA060X.



Swift96

Automatic Nucleic Acid Extraction Instrument (Model: DA8045)



- High-throughput and automated nucleic acid extraction adopting magnetic bead technology.
- Extract and purify nucleic acid 1-96 samples in 16 minutes.*
- Visualized interface, touch screen, editable program, easy to operate.
- Magnetic beads recovery rate ≥98%.
- Anti-contamination: exhaust airflow circulation, UV light.

*Rapid Nucleic Acid Extraction Kit DA1003.



AGS8830-8/AGS8830-16

Real-time PCR Detection System



- Fast: get results in 35 minutes collocating with DA099X/DA107X.
- Throughput: 8 or 16 samples
- $\bullet \quad \mathsf{LCD} \ \mathsf{touch} \ \mathsf{screen}, \mathsf{intelligent} \ \mathsf{operation} \ \mathsf{interface}, 5.5 \ \mathsf{kg} \ \mathsf{portable} \ \mathsf{instrument}.$
- Large data storage: store more than 1000 files.
- Accurate temperature control: advanced semiconductor refrigeration technology.
- Application scenarios: laboratory, emergency room, ambulance, clinic, pharmacy, customs, airport.



Lava 96

Real-time PCR Detection System (Model: DA8120)



- 12.1 inches color touch screen, intelligent Linux software.
- Support FAM/VIC/ROX/Cy5 fluorescent channels.
- Precise temperature control, ultra-fast heating rate above 4.5°C/s.
- Advanced optical system, only 10 seconds to complete fluorescence scanning of 96-well plate.
- High performance: sensitivity as low as 1 copy, CV≤3%.



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REAGENTS





Diagnostic Kit for Quantification of Hepatitis B Virus DNA (PCR-Fluorescence Probing)	DA0041	Large package, 48 tests/kit	CE, NMPA
Diagnostic Kit for Quantification of Hepatitis B Virus DNA (PCR-Fluorescence Probing)	DA0032	Large package, 20 tests/kit	NMPA
Diagnostic Kit for Quantification of Hepatitis B Virus DNA (PCR-Fluorescence Probing)	DA1280	Large package, 48 tests/kit	NMPA
Diagnostic Kit for Quantification of Hepatitis C Virus RNA (PCR-Fluorescence Probing)	DA0182	Large package, 48 tests/kit	CE, NMPA

Human papillomavirus (HPV)

HPV (16/18 genotypes) DNA TEST (Real-Time PCR)	DA0540	Large package, 48 tests/kit	CE, NMPA

Sexually Transmitted Infections

Detection Kit for Chlamydia Trachomatis Nucleic Acid (PCR–Fluorescence Probing)	DA1140 DA1141	Large package, 48 tests/kit Large package, 20 tests/kit	CE, NMPA
Diagnostic Kit for Neisseria Gonorrhoeae (PCR-	DA1190	Large package, 48 tests/kit	CE, NMPA
Fluorescence Probing)	DA1191	Large package, 20 tests/kit	
Detection Kit for Ureaplasma Urealyticum Nucleic	DA1120	Large package, 48 tests/kit	CE, NMPA
Acid (PCR-Fluorescence Probing)	DA1121	Large package, 20 tests/kit	
Diagnostic Kit for Group B Streptococcus (PCR-	DA0850	Large package, 20 tests/kit	NMPA
Fluorescence Probing)	DA0851	Large package, 48 tests/kit	



A Human Immunodeficiency Virus (HIV)

Diagnostics Kit for Quantification of Human			
Immunodeficiency Virus Type 1 (HIV-1) (PCR-	DA0331	Large package, 48 tests/kit	NMPA
Fluorescence Probing)			



Blood Screening

Hepatitis virus B, Hepatitis virus C, Human Immunodeficiency Virus Type-1 Detection Kit (PCR-Fluorescence Probing)		DA0160	Pooled testing, 48 tests/kit Individual test, 48 tests/kit	
	DA0161	Pooled testing, 96 tests/kit Individual test, 12 tests/kit	NMPA	
	DA0162	Pooled testing, 24 tests/kit Individual test, 24 tests/kit	NMFA	
	DA0163	Pre-packaged, 24 tests/kit		

Respiratory Infections

Diagnostic Kit for Seasonal Influenza Virus H1 Subtype (PCR-Fluorescence Probing)	DA0290	24 tests/kit	CE, NMPA
Diagnostic Kit for Mycoplasma Pneumoniae (PCR- Fluorescence Probing)	DA1110 DA1111	Large package, 20 tests/kit Large package, 48 tests/kit	CE, NMPA
Detection Kit for Mycobacterium Tuberculosis Complex Nucleic Acid (PCR-Fluorescence Probing)	DA1240 DA1241 DA1242	Large package, 20 tests/kit Large package, 48 tests/kit Single tube, 20 tests/kit	CE, NMPA

Digestive Pathogens

Detection Kit for Enterovirus 71/Coxsackievirus A16/Enterovirus RNA (PCR-Fluorescence Probing)	DA0320 DA0321	Large package, 10 tests/kit Large package, 48 tests/kit	CE, NMPA
Detection Kit for Enterovirus EV71/Coxsackievirus A16 (PCR-Fluorescence Probing)	DA0350 DA0351	Large package, 10 tests/kit Large package, 48 tests/kit	NMPA
Diagnostic Kit for Coxsackievirus A6 RNA (PCR-Fluorescence Probing)	DA0570 DA0571	Large package, 10 tests/kit Large package, 48 tests/kit	CE, NMPA
Detection Kit for Coxsackievirus A10 (PCR- Fluorescence Probing)	DA0690 DA0691	Large package, 10 tests/kit Large package, 48 tests/kit	CE, NMPA
Detection Kit for Norovirus (PCR-Fluorescence Probing)	DA1150 DA1151	Large package, 48 tests/kit Large package, 10 tests/kit	CE, NMPA
Enterovirus 71 Fluorescent Polymerase Chain Reaction Diagnostic Kit	DA0250	Large package, 24 tests/kit	NMPA

Public Health

Diagnostic Kit for Zika Virus (PCR-Fluorescence Probing)	DA0710 DA0711	Large package, 24 tests/kit Large package, 48 tests/kit	CE
Diagnostic Kit for Dengue Virus RNA (PCR- Fluorescence Probing)	DA0310 DA0311 DA0312	Large package, 10 tests/kit Large package, 48 tests/kit Single tube, 10 tests/kit	NMPA
Detection Kit for Monkeypox Virus DNA (PCR- Fluorescence Probing)	DA1430 DA1431	Large package, 24 tests/kit Large package, 48 tests/kit	CE
Detection Kit for Severe Fever with Thrombocytopenia Syndrome Bunyavirus (PCR-Fluorescence Probing)	DA0340	Large package, 48 tests/kit	CE, NMPA

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Coronavirus Disease(COVID-19)

Detection Kit for 2019 Novel Coronavirus (2019 -nCoV) RNA (PCR-Fluorescence Probing) (Regular)	DA0930 DA0931 DA0932	Large package, 24 tests/kit Large package, 48 tests/kit Large package, 96 tests/kit	CE, NMPA, WHO EUL
Detection Kit for 2019-nCoV (PCR-Fluorescence) (Fast)	DA0990 DA0991 DA0992	Large package, 24 tests/kit Large package, 48 tests/kit Large package, 96 tests/kit	CE, NMPA
Detection Kit for Influenza A/B and 2019–nCoV (PCR–Fluorescence Probing)	DA1040 DA1041 DA1042	Single tube, 48 tests/kit Large package, 24 tests/kit Large package, 48 tests/kit	CE
Detection Kit for 2019-nCoV (PCR-Fluorescence) (Saliva)	DA1070 DA1071 DA1072 DA1073 DA1074 DA1075 DA1076	Large package, 24 tests/kit Large package, 48 tests/kit Large package, 96 tests/kit Single tube, 24 tests/kit Single tube, 48 tests/kit Single tube, 96 tests/kit Large package, 480 tests/kit Large package, 960 tests/kit	CE
2019-nCoV Delta Variant Detection Kit (PCR- Fluorescence Probing)	DA1160 DA1161	Large package, 48 tests/kit Large package, 96 tests/kit	CE
Detection Kit for 2019-nCoV (N/E/RDRP Gene)	DA1170 DA1171	Large package, 48 tests/kit Large package, 96 tests/kit	CE
2019-nCoV Omicron Variant Detection Kit (PCR-Fluorescence)	DA1220 DA1221	Large package, 24 tests/kit Large package, 48 tests/kit	CE

Tumor Markers

Detection Kit for Epstein-Barr Virus Nucleic Acid (PCR-Fluorescence Probing)	DA1250 DA1251 DA1252	Large package, 20 tests/kit Large package, 48 tests/kit Single tube, 20 tests/kit	CE	
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Detection Kit for Human Cytomegalovirus DNA (PCR-Fluorescence Probing)	DA0700 DA0701 DA0702	Large package, 20 tests/kit Large package, 48 tests/kit Single tube, 20 tests/kit	NMPA
Detection Kit for Herpes Simplex Virus Type 2 DNA (PCR-Fluorescence Probing)	DA1510	Large package, 20 tests/kit.	NMPA



Pharmacogenomics

CYP2C19 Genotyping Detection Kit (PCR-	DA0890	Large package, 20 tests/kit	CE. NMPA
Fluorescence Probing)	DA0891	Large package, 48 tests/kit	CL, INITIA

Extraction and Preservation Reagent

Specimen Preservation Reagent	DA0970 DA0971 DA0972 DA0973 DA0974 DA0975	1.5 mL/tube, 100 tubes/kit 3 mL/tube, 100 tubes/kit (5mL tube) 3 mL/tube, 100 tubes/kit (10mL tube) 5 mL/tube, 100 tubes/kit 10 mL/tube, 50 tubes/kit 500 mL/bottle, 1 bottle/kit	CE, NMPA
Specimen Preservation Solution	DA0980 DA0981 DA0982	1 mL/tube, 100 tubes/kit (2mL tube) 3 mL/tube, 100 tubes/kit (5mL tube) 3 mL/tube, 100 tubes/kit (10mL tube)	CE, NMPA
Nucleic Acid Extraction Kit (Magnetic Bead)	DA0600 DA0601 DA0602 DA0603 DA0604	Large package, 96 tests/kit Pre-packaged, 20 tests/kit Pre-packaged, 32 tests/kit Pre-packaged, 96 tests/kit Large package, 480 tests/kit	CE, NMPA
Nucleic Acid Isolation or Purification Reagent (Magnetic Bead)	DA0621 DA0623 DA0626	Large package, 96 tests/kit Pre-packaged, 32 tests/kit Single pre-packaged, 32 tests/kit	CE, NMPA
RNA/DNA Purification Kit (Magnetic Bead)	DA0630 DA0631 DA0632 DA0633 DA0634	Large package, 20 tests/kit Large package, 96 tests/kit Pre-packaged, 20 tests/kit Pre-packaged, 32 tests/kit Single pre-packaged, 32 tests/kit	CE, NMPA
RNA/DNA Extraction or Purification Kit	DA0640 DA0641 DA0642 DA0643	Large package, 20 tests/kit Large package, 96 tests/kit Pre-packaged, 20 tests/kit Pre-packaged, 32 tests/kit	CE, NMPA
RNA/DNA Extraction or Purification Kit (Magnetic Bead)	DA0650 DA0651	Pre-packaged, 20 tests/kit Pre-packaged, 48 tests/kit	CE, NMPA
RNA/DNA Extraction or Purification Kit (Magnetic Bead)	DA0660 DA0661 DA0662	Pre-packaged, 20 tests/kit Pre-packaged, 24 tests/kit Pre-packaged, 48 tests/kit	CE, NMPA
Nucleic Acid Isolation or Purification Kit (for sputum sample)	DA0870 DA0871 DA0872 DA0873	Large package, 20 tests/kit Large package, 96 tests/kit Pre-packaged, 20 tests/kit Pre-packaged, 32 tests/kit	CE, NMPA
Nucleic Acid Extraction Kit (Magnetic Bead)	DA1000 DA1001 DA1002 DA1003 DA1004	Large package, 96 tests/kit Pre-packaged, 20 tests/kit Pre-packaged, 32 tests/kit Pre-packaged, 96 tests/kit Large package, 480 tests/kit	CE, NMPA
RNA/DNA Extraction or Purification Kit (Proteinase K- free)	DA1270 DA1271 DA1272 DA1273 DA1274 DA1275	Large package, 96 tests/kit Large package, 480 tests/kit Pre-packaged, 20 tests/kit Pre-packaged, 32 tests/kit Pre-packaged, 96 tests/kit Pre-packaged, 480 tests/kit	CE, NMPA
RNA/DNA Purification Kit (Spin Column)	DA0591	48 tests/kit	CE, NMPA

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Nucleic Acid Extraction or Purification Reagent (SpinColumn)	DA1030 DA1031 DA1032 DA1033	20 tests/kit 48 tests/kit 20 tests/kit 48 tests/kit	NMPA
RNA/DNA Purification Kit (Preservation)	DA0940 DA0941 DA0942 DA0943 DA0944 DA0945 -1 DA0945 -2 DA0946 DA0947 DA0948 DA0949	400 μL/tube, 100 tubes/kit (1.5 mL tube) 400 μL/tube, 100 tubes/kit (5 mL tube) 3 mL/tube, 100 tubes/kit (5 mL tube) 3 mL/tube, 100 tubes/kit (10 mL tube) 6 mL/tube, 100 tubes/kit (10 mL tube) 1 mL/tube, 100 tubes/kit (5 mL special-shaped tube) 1 mL/tube, 100 tubes/kit (10 mL tube) 1 mL/tube, 100 tubes/kit (5 mL freezing tube) 4 mL/tube, 100 tubes/kit (5 mL tube) 5 mL/tube, 100 tubes/kit (10 mL tube) 7 mL/tube, 100 tubes/kit (10 mL tube) 2 mL/tube, 100 tubes/kit (5 mL tube)	CE, NMPA
RNA/DNA Purification Kit (Release)	DA0950 DA0951 DA0952	400 uL/tube,100 tubes/kit 25 uL/tube,100 tubes/kit 1.2mL,100 tubes/kit	CE, NMPA



INSTRUMENTS

⊞ Sample Preparation System

DA8050	96 tests/run	CE, NMPA
System		
DA8030	32 tests/run	CE, NMPA
DA8031	32 tests/run	CE, NMPA
DA8042	24 tests/run	CE, NMPA
DA8044	96 tests/run	CE, NMPA
DA8045	96 tests/run	CE, NMPA
DA3500	48 tests/run, for blood screening	NMPA
DA3500S	384 tests/run, 8-semple pooling, for blood screening	NMPA
	DA8030 DA8031 DA8042 DA8044 DA8045 DA3500	DA8030 32 tests/run DA8031 32 tests/run DA8042 24 tests/run DA8044 96 tests/run DA8045 96 tests/run DA3500 48 tests/run, for blood screening DA3500S 384 tests/run, 8-semple pooling,

AGS4800

AGS8830

DA8120

(48/96/144) tests/run

(8/16) tests/run

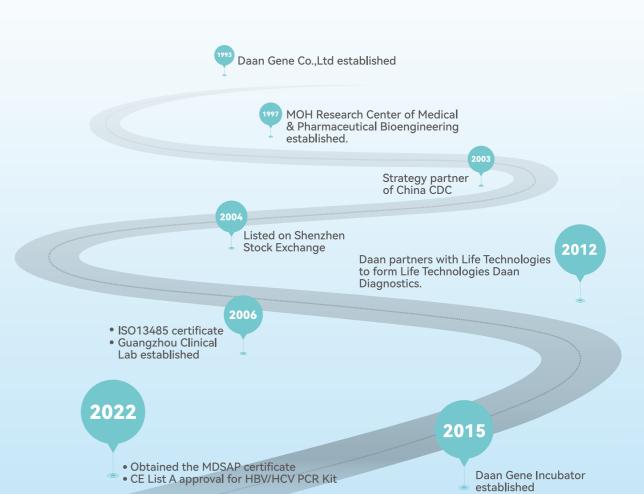
96 tests/run

CE, NMPA

CE, NMPA

CE, NMPA

Daan Gene Milestone





Real-time PCR Detection System

Real-time PCR Detection System

Real-time PCR Detection System ((Model: Lava96)