

Bring Technology to Life



Tianlong Science and Technology

Mail: inquiry@medtl.com

Phone: 86 029 82682132

Website: www.medtl.net

Address: No. 4266 Shanglin Road, Xi'an, China

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TIANLONG
Real-time
PCR Solution



Contents

- Tianlong Real-time PCR System

- Gentier mini Series
- Gentier 48
- Gentier 96
- Gentier X3

- Tianlong PCR Detection Reagent

- Clinical PCR
- Animal Health
- Animal Species Identification

MORE CHOICES.
MORE FLEXIBILITY.
MORE EFFICIENCY.

Overview

	Gentier mini Series	Gentier 48 Series	Gentier 96 Series	Gentier X3 Series
Model				
Key Features	<ul style="list-style-type: none"> • Design for mobile, small laboratories, or on site testing • Popular in animal disease detection field 	<ul style="list-style-type: none"> • Maximum 48 samples in one run • Meet the needs of small or medium-sized laboratories, or on-site testing 	<ul style="list-style-type: none"> • Maximum 96 samples in one run • Meet the needs of high-end laboratories 	<ul style="list-style-type: none"> • 3 independent thermal blocks • Maximum 3×32 throughput
Throughput	16	48	96	32×3
Fluorescence Channels	4/2	4/2	6/4	6/4
Fluorescence Scanning Time	1s	2s	7s	2s for 32 wells
Max. Heating Rate	≥5.0°C/s	≥8.0°C/s	≥6.1°C/s	≥6.2°C/s
Max. Cooling Rate	≥4.0°C/s	≥6.2°C/s	≥5.0°C/s	≥ 5.0°C/s
Key Application	<ul style="list-style-type: none"> • Absolute quantification analysis • Relative quantification analysis • Melting curve • High resolution melting (HRM) • Genotyping • End point fluorescence • etc. 			
Dimension	156(W)*205(L)*153(H)mm	260(W)*400(L)*260(H)mm	355(W)*475(L)*484(H)mm	410(W)*380(L)*395(H)mm
Weight	3.2kg	11kg	30kg	34kg

Gentier Mini--series

Portable Real-Time PCR System



Portable

Fast

Always Online

Portable, fast, and always online, Gentier mini series are designed for mobile, small laboratories, or on-site testing. With excellent performance and portability, Tianlong Gentier mini series revolutionize and solve the problem of limited space and fragmented samples in laboratories, and make your experiments easier to use, more accurate, and more efficient. They can be widely applied in animal disease and infectious disease prevention and control, food safety, scientific research, and other fields. Gentier mini series are now a good companion for animals.

FEATURES



Portable and convenient

Compact and lightweight, Gentier mini series help save bench space and can be moved flexibly to your mobile laboratory for on-site testing. No need for fluorescence calibration after moving.



1s for 16 wells fluorescence scanning

With 2 fluorescence channels, Gentier Mini series can complete all 16 wells fluorescence scanning within 1s, which improves efficiency for lab professionals.



Various control modes

Mode 1: standalone control with 7-inch touch-screen; Mode 2: computer software control; Mode 3: remote control via tablet



Powerful software analysis

Gentier Mini series offers multiple functions including qualitative analysis, absolute quantitative analysis, relative quantitative analysis, SNP analysis, etc.



Instant result analysis



Mode1: direct analysis on Gentier Mini series and results can be printed directly when connected to a thermal printer; Mode 2: analysis through PC software.



Always online

Various ways to stay online: Wifi, USB and internet interface

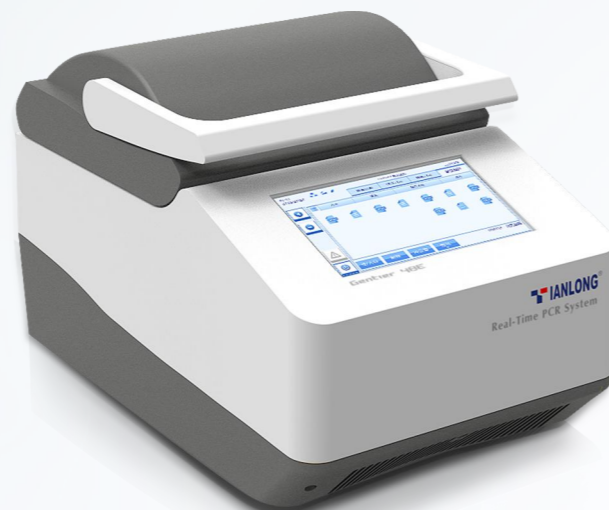
SPECIFICATIONS

Model	Gentier mini	Gentier mini+
Throughput	1-16	
Fluorescence Channels	2	4
Scanning Time	1s for all wells fluorescence scanning	
Dye Compatibility	Channel 1: FAM, SYBR Green I, SYTO 9, Eva Green, LC Green Channel 2: HEX, VIC, TET, JOE	Channel 1: FAM, SYBR Green I, SYTO 9, Eva Green, LC Green Channel 2: HEX, VIC, TET, JOE Channel 3: Texas Red, ROX Channel 4: Cy5
Suitable Consumables	0.2mL transparent single tubes and 0.2mL transparent 8-strip tubes  	
Heating Rate	Average heating rate of 3.3°C/s; maximum heating rate of 5.0°C/s.	
Cooling Rate	Average cooling rate of 3.0°C/s; maximum cooling rate of 4.0°C/s.	
Temperature Accuracy	≤0.1°C	
Lightsource	High-brightness, long-life, maintenance-free LED light source	
Special Temperature Protocol	Conventional PCR, touchdown PCR, long PCR, etc.	
Hot Lid Temperature	40°C-110°C	
Control Modes	Mode 1: 7-inch touch-screen of Gentier mini series Mode 2: computer software Mode 3: remote control via Windows tablet	
Key Applications	Qualitative analysis, absolute quantitative analysis, relative quantitative analysis, endpoint fluorescence analysis, melting curve analysis, and SNP analysis, etc.	
Result Analysis	1: Direct analysis on Gentier mini series and results can be printed directly when connected to a thermal printer; 2: Analysis through PC software.	
Experiment Files	Files can be downloaded by webpage login	
Network Connection	Internet interface, USB, WiFi	
Power Failure Protection	Automatically start running experiments after power supply	
Specifications and Weight	205mm(L)*156mm(W)*153mm(H); 3.2kg	

Gentier 48E/48R

Real-time PCR System

The Tianlong Gentier 48E/48R Real-time PCR System incorporates innovative optical technologies with powerful software to provide maximal reliability and efficiency for all your real-time PCR needs. It is designed to meet the needs of small and medium-sized laboratories, mobile laboratories, and on-site testing. With the 4/2 fluorescence channels, Gentier 48E/48R can process 48 samples in one run. It can make your experiments easier to use, more accurate, and efficient of its excellent performance and portability.



Model	Throughput	Gradient	Channel 1	Channel 2	Channel 3	Channel 4
			FAM, SYBR Green I, etc.	VIC, HEX, TET, JOE, etc.	ROX, Texas Red, etc.	Cy5, etc.
Gentier 48E	1-48	Yes	✓	✓	✓	✓
Gentier 48R			✓	✓		

SPECIFICATIONS

Model	Gentier 48E	Gentier 48R
Throughput	1-48	
Fluorescence Channels	2	4
Fluorescence Scanning Time	2s	
Optical System		
Light Source	High-brightness, long-life and maintenance-free LED light source	
Detector	Photodiodes (PDs)	
Excitation Range	CH1: 470nm CH2: 523nm CH3: 570nm CH4: 638nm	
Detection Range	CH1: 525nm CH2: 564nm CH3: 610nm CH4: 685nm	
Fluorescence Dynamic Range	Adjustable	
Sample Dynamic Range	1-10 ¹⁰ copies	
Thermal Block		
Heating Method	Peltier	
Heating Rate	≥ 8.0°C/s	
Cooling Rate	≥6.2°C/s	
Temperature Accuracy	≤ 0.1°C	
Gradient Range	1°C-40°C	
Gradient Block	8 row	
Special Temperature Protocol	Thermal gradients PCR, Long PCR, Touch Down PCR	
Sample Testing Linearity and Repeatability	Linear correlation: /r≥ 0.999 Repeatability: cycle threshold (Ct) value CV≤0.5%	
Software Functions		
Control Modes	Mode1: 7 inch touch screen.Mode 2: PC direct control	
Power Failure Protection	Automatically start running experiments after power supply, no need to wait PC software	
Data Storage and Transmission	Upload and download through USB disk, 1000 results can be stored in machine	
Reporting Function	Templates reserved; customized experiment report	
Key Applications	Relative quantification, absolute quantification, melting curve analysis, SNP analysis	
Others		
Operating System for PC	Win7/Win10/Win11	
Power Supply and Power Consumption	AC 100-240V, 50-60Hz; 600VA	
Weight	11 Kg (net)	
Instrument Dimension	260*400*260mm (W*L*H)	
Suitable Consumables	0.2ml clear non-skirt 48-well plates, 8-tube strips, single tubes, etc	

FEATURES



48 samples to be scanned in 2s

Only 2s for all 48 wells of fluorescence scanning can significantly reduce testing time and improve efficiency for lab professionals.



More convenient with two configurations

Standalone configuration: 7-inch touch screen, direct print sample amplification curve, and CT values by connecting to a thermal printer(optional); PC control configuration: PC software control via connection, one PC can max control 10 instruments.



Efficient temperature control

Gentier 48 E/R only takes 40 minutes to complete a standard PCR amplification process. Temperature accuracy is controlled within 0.1°C .



User-friendly and more flexible

Small in size and light in weight, it can be moved flexibly to your mobile laboratory for on-site testing.



Powerful software analysis

Gentier 48 E/R offers multiple functions including relative quantification, absolute quantification, melting curve analysis, SNP analysis, and is compatible with other fluorescence analysis functions based on the isothermal amplification technique.

Gentier 96E/96R

Real-time PCR System

The Tianlong Gentier 96E/96R Real-Time PCR System is designed to meet the experimental needs of high-end laboratories. With the 6 (96E)/4 (96R) fluorescence channels, Gentier 96E/96R can process 96 samples in one run. With the powerful and efficient temperature control system, easy-to-use software, user-friendly operational designs, Tianlong Gentier 96E/96R can provide maximal reliability and efficiency for all your real-time PCR needs.



Model	Throughput	Gradient	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6
			FAM, SYBR Green I, SYTO 9, Eva Green, LC Green	HEX, VIC, TET, JOE	ROX, Texas Red, etc.	Cy5	Alexa Fluor 680	FRET
Gentier 96E	1-96	Yes	✓	✓	✓	✓	✓	✓
Gentier 96R			✓	✓	✓	✓		

FEATURES



96 samples to be scanned in 7s

Only 7s for all 96 wells of fluorescence scanning can significantly reduce testing time and improve efficiency for lab professionals.



Efficient temperature control

Based on the Peltier heating/cooling method, the maximum heating ramp rate is >6.1°C/s and the maximum cooling ramp rate is >5.0°C/s.



Power failure protection design

Power failure protection design can recover the experiment automatically, with no more concern about instantaneous power failure.



More convenient with two configurations

Standalone configuration: 10.4-inch touch screen, PC control configuration: PC software control via connection



Powerful software analysis

Gentier 96 E/R offers various data analysis functions, including absolute quantitative analysis, relative quantitative analysis, SNP analysis, melting curve analysis, etc.

SPECIFICATIONS

Model	Gentier 96E	Gentier 96R
Throughput	1-96	
Fluorescence Channels	6	4
Fluorescence Scanning Time	7s	
Optical System		
Light Source	High-brightness, long-life and maintenance-free LED light source, excitation from the top	
Detector	Photodiode (PD), top scanning	
Excitation Range	CH1: 465nm CH2: 527nm CH3: 580nm CH4: 632nm CH5: 680nm CH6: 465nm	
Detection Range	CH1: 510nm CH2: 563nm CH3: 616nm CH4: 664nm CH5: 730nm CH6: 616nm	
Fluorescence Dynamic Range	Adjustable	
Sample Dynamic Range	1-10 ¹⁰ copies	
Thermal Block		
Heating Method	Peltier	
Heating Rate	>6.1°C/s	
Cooling Rate	>5.0°C/s	
Temperature Uniformity	±0.1°C	
Temperature Accuracy	≤0.1°C	
Gradient Range	1°C-40°C	
Gradient Block	12 row	
Special Temperature Protocol	Thermal gradients PCR, Long PCR, Touch Down PCR	
Sample Testing Linearity and Repeatability	Linear Correlation: r/ >0.999 Repeatability: cycle threshold (Ct) value CV <0.5%	
Software Functions		
Control Modes	Mode1: 10.4 inch touch screen Mode 2: PC direct control	
Power Failure Protection	Automatically start running experiments after power supply, no need to wait PC software	
Data Storage and Transmission	Upload and download through USB disk, 1000 results can be stored in machine	
Reporting Function	Templates reserved; customized experiment report	
Key Applications	Relative quantification, absolute quantification, melting curve analysis, SNP analysis	
Others		
Operating System for PC	Win7, Win10	
Power Supply and Power Consumption	AC 100-240V, 50-60Hz; 900VA	
Weight	30kg (net)	
Instrument Dimension	355mm*475mm*484mm (W*L*H)	
Suitable Consumables	0.2 mL 96-well plates, 8-tube strips, single tubes (clear, frosted and white)	

Gentier X3 Series

Real-time PCR System

Tianlong Gentier X3 Series Real-time PCR System innovates in flexibility and allows users to control three independent blocks in the same PCR system, saving your time and budget. Maximum 3×32-well samples can be run in three different protocols on three independent thermal blocks simultaneously. With the powerful and efficient temperature control system, user-friendly operational designs, Tianlong Gentier X3 Series can provide maximal reliability and efficiency for all your real-time PCR needs.



Advanced flexibility

Improved workflow

FEATURES



Multi-block design to meet different needs

GentierX3 Series has three independently controlled blocks. Maximum 3×32-well samples can be run in three different protocols on three independent thermal blocks simultaneously.



Only 2s for 32 wells fluorescence scanning

With 6/4 fluorescence channels, GentierX3 Series can complete 32 wells of fluorescence scanning in one block within 2s, which improves efficiency for lab professionals.



Efficient temperature control

3 independent thermal blocks with compensation heating function, temperature accuracy, and temperature precision are all $\leq 0.1^\circ\text{C}$; hot lid with innovative pressure sensing technology ensures that consumables do not deform and reagents do not evaporate



Powerful software analysis







GentierX3 Series can offer multiple functions including absolute quantification analysis, relative quantification analysis, melting curve, high resolution melting (HRM), genotyping, endpoint fluorescence, etc.



User-friendly design for professionals

Built-in 13.3-inch full-color touch, adjustable for different angles; Standalone configuration and PC control configuration; Power failure protection design can recover the experiment automatically;

SPECIFICATIONS

	Gentier X3E	Gentier X3S	Gentier X3R	Gentier X3C
Model				
Touch Screen	YES	NO	YES	NO
Stand Alone Operation	✓	✗	✓	✗
Throughput	32 x 3			
Fluorescence Scanning Time	2s for 32 wells fluorescence scanning			
Fluorescence Channels	6		4	
Dye Compatibility	Channel 1: FAM, SYBR Green I, etc. Channel 2: HEX, TET, VIC, JOE, etc. Channel 3: Texas Red, ROX, etc. Channel 4: Cy5, etc. Channel 5: Alexa Fluor 680, etc. Channel 6: Tamra, Cy3, NED, etc.		Channel 1: FAM, SYBR Green I, etc. Channel 2: HEX, TET, VIC, JOE, etc. Channel 3: Texas Red, ROX, etc. Channel 4: Cy5, etc.	
Heating Rate	Average Heating Rate: $\geq 4.5^\circ\text{C/s}$; Max. Heating Rate: $\geq 6.2^\circ\text{C/s}$			
Cooling Rate	Average Cooling Rate: $\geq 3.5^\circ\text{C/s}$; Max. Cooling Rate: $\geq 5.0^\circ\text{C/s}$			
Temperature Accuracy	$\leq 0.1^\circ\text{C}$			
Temperature Uniformity	$\pm 0.2^\circ\text{C}$			
Temperature Precision	$\leq 0.1^\circ\text{C}$			
Special Temperature Protocol	Touchdown step, long step, gradient step, standard step and so on.			
Repeatability	CV $\leq 1\%$			
Linear Correlation	$ r \geq 0.995$			
Sample Cabin	Three independent sample cabin			
Lightsource	High-brightness, long-life, maintenance-free LED light source			
Key Applications	Absolute quantification analysis, relative quantification analysis, melting curve, high resolution melting (HRM), genotyping, end point fluorescence, etc.			
Data Storage	1000 results can be stored in machine			
Power Failure Protection	Automatically start running experiments after power supply			
Communication Specification	Network Port: TCP/IP protocol; Ethernet connection; USB Port: 2.0;			
Power Supply and Power Consumption	AC 100~240V;50/60Hz; 1000VA;			
Suitable Consumables	 Conventional 0.2 mL 8-strip PCR tube (clear, white)		 Tianlong specialized 0.2 mL 8-strip PCR tube (clear, white)	
Dimension	380mm(L) × 410mm (W) × 395mm (H)			
Weight	34kg			

Clinical PCR Detection Kit

Respiratory Infections

Category	Cat.No	Product Name	Technology	Specification	Qualification
Respiratory Virus Panels	P232H	Respiratory Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	10T/Kit	CE
	P763H	Respiratory 7 Types Pathogen Multiplex Nucleic Acid Detection Kit	Fluorescence PCR Method	24T/Kit Freeze-dried	RUO
	P764H	Respiratory 17 Types Pathogen Multiplex Nucleic Acid Detection Kit	Fluorescence PCR Method	24T/Kit Freeze-dried	RUO
	P347H	Respiratory 8 Types Pathogen Multiplex Nucleic Acid Detection Kit	Fluorescence PCR Method	24T/Kit Freeze-dried	RUO
	P740H	Respiratory 12 Types Virus Nucleic Acid Multiplex Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P755H	Respiratory 24 Types Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	10T/Kit	RUO

Category	Cat.No	Product Name	Technology	Specification	Qualification
SARS-CoV-2	P732H	Novel Coronavirus (2019-nCoV) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	CE
	P741H	SARS-CoV-2 Nucleic Acid Detection Kit	Real-time RT-PCR Method	50T/Kit	CE
	P742H	SARS-CoV-2 Nucleic Acid Multiplex Detection Kit	Real-time RT-PCR Method	50T/Kit	CE
	P739H	Influenza A/Influenza B/ SARS-CoV-2 Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	CE
	P770H	Human Influenza Virus A/B /Respiratory Syncytial Virus/SARS-CoV-2 Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	CE
	P773H	Monkeypox Virus/SARS-CoV-2 Nucleic Acid Multiplex Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P738H	Influenza A/Influenza B/Human Adenovirus/ 2019-nCoV Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	CE

Category	Cat.No	Product Name	Technology	Specification	Qualification
Influenza Virus	P642H	Influenza Virus A H5N1 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P242H			25T/Kit	
	P645H	Influenza Virus A (H1N1 2009/H3) RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P073H	Human Influenza Virus B Genotyping (Yamagata&Victoria) Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P573H			50T/Kit	
	P255H	Human Influenza Virus B (Yamagata&Victoria) and A (H1&H3) Nucleic Acid Multiplex Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P655H			50T/Kit	
	P122H	Influenza A/B Virus RNA Detection Kit	Fluorescence PCR Method	32T/Kit	CE
	P577H	Influenza C Virus RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P729H	Human Influenza Virus A/B & Respiratory Syncytial Virus Nucleic Acid Multiplex Detection Kit	Fluorescence PCR Method	25T/Kit	CE

Category	Cat.No	Product Name	Technology	Specification	Qualification
Avian Influenza Virus	P572H	Avian Influenza Virus H5N6 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P718H	Avian Influenza Virus H5N8 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P783H	Avian Influenza Virus H7N4 Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P004H	Avian Influenza Virus H7N9 RNA Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
	P504H			50T/Kit	

Respiratory Infections

Category	Cat.No	Product Name	Technology	Specification	Qualification
Avian Influenza Virus	P784H	Avian Influenza Virus H10N8 Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P772H	Avian Influenza Virus H3N8 RNA Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
	P726H	Avian Influenza Virus IFVA/H7/H5/N9 Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P785H	Avian Influenza Virus H2 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P786H	Avian Influenza Virus H4 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P787H	Avian Influenza Virus H6 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P788H	Avian Influenza Virus H8 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P644H	Avian Influenza Virus H10 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P776H	Avian Influenza Virus H11 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P777H	Avian Influenza Virus H12 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P778H	Avian Influenza Virus H13 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P779H	Avian Influenza Virus H14 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P780H	Avian Influenza Virus H15 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P781H	Avian Influenza Virus H16 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P690H	Avian Influenza Virus N1 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P646H	Avian Influenza Virus N2 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P691H	Avian Influenza Virus N3 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P694H	Avian Influenza Virus N4 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P692H	Avian Influenza Virus N5 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P648H	Avian Influenza Virus N6 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P693H	Avian Influenza Virus N7 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P647H	Avian Influenza Virus N8 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P513H	Avian Influenza Virus N9 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P759H	Avian Influenza Virus N10 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P262H	Avian Influenza Virus H7 Universal/HPAI-H7/ N9 Subtype RNA Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P662H			50T/Kit	

Category	Cat.No	Product Name	Technology	Specification	Qualification
Other Viruses	P514H	Coronavirus 229E RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P515H	Coronavirus NL63 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P516H	Coronavirus OC43 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P517H	Coronavirus KHU1 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P518H	Human Parainfluenza Virus Type 1 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P519H	Human Parainfluenza Virus Type 2 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P520H	Human Parainfluenza Virus Type 3 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P521H	Human Parainfluenza Virus Type 4 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P609H	Human Parainfluenza Virus Universal RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO

Respiratory Infections

Category	Cat.No	Product Name	Technology	Specification	Qualification
Other Viruses	P022H	Human Adenovirus DNA Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P522H			50T/Kit	
	P523H	Human Bocavirus DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P024H	Human Metapneumovirus Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P524H			50T/Kit	
	P025H	Human Rhinovirus RNA Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
	P525H			50T/Kit	
	P028H	Respiratory Syncytial Virus Genotype A/B Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P528H			50T/Kit	
	P213H	Respiratory Syncytial Virus Universal RNA Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P071H	MERS-CoV Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P571H			50T/Kit	

Category	Cat.No	Product Name	Technology	Specification	Qualification
Bacteria & Other Pathogens	P060H	Streptococcus Pneumoniae Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
	P560H			50T/Kit	
	P561H	Haemophilus Influenza DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P562H	Haemophilus Influenza Type B (HIB) DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P615H	Streptococcus Haemolyticus DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P086H	Legionella Pneumophila Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P586H			50T/Kit	
	P088H	Bacillus Pertussis Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P588H			50T/Kit	
	P121H	Mycobacterium Tuberculosis Complex Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE
	P109H	Mycoplasma Pneumoniae (MP) Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE
	P087H	Chlamydia Pneumoniae Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
	P587H			50T/Kit	

Gastrointestinal Infections

Category	Cat.No	Product Name	Technology	Specification	Qualification
Viral Gastrointestinal Infection	P679H	Norovirus Universal Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P050H	Norovirus (NoV) Genotype GI/GII Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P134H			32T/Kit	
	P550H			50T/Kit	
	P604H	Sapovirus Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P052H	Astrovirus Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P552H			50T/Kit	
	P117H	Enterovirus Universal RNA Detection Kit	Fluorescence PCR Method	32T/Kit	CE

Gastrointestinal Infections

Category	Cat.No	Product Name	Technology	Specification	Qualification
Viral Gastrointestinal Infection	P217H	Enteric Adenovirus DNA Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
	P617H			50T/Kit	
	P273H	Rotavirus Universal RNA Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P673H			50T/Kit	
	P277H	RotaVirus A/B/C Genotyping Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P677H			50T/Kit	
	P664H	Coxsackievirus A4 RNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P115H	Coxsackie A6/A10 Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE
	P035H	Universal Enterovirus/Coxsackievirus A6/A10 Viral RNA Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
	P535H			50T/Kit	
	P116H	Enterovirus 71/Coxsackie A16/ Enterovirus Universal RNA Detection Kit	Fluorescence PCR Method	32T/Kit	CE
	P250H	Diarrhea Virus (5 Viruses) Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P650H			50T/Kit	
	P744H	Diarrhea Pathogen 8 Types Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P344H	Gastrointestinal Bacteria Virulence Gene Nucleic Acid Detection Kit	Fluorescence PCR Method	24T/Kit Freeze-dried	RUO
	P233H	Enterohemorrhagic Escherichia coli (O157: H7) Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
	P633H			50T/Kit	
	P252H	Sapovirus/Adenovirus/Astrovirus Nucleic Acid Multiplex Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P652H			50T/Kit	

Category	Cat.No	Product Name	Technology	Specification	Qualification
Foodborne Pathogenic Bacteria	P044H	Escherichia Coli DNA Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P544H			50T/Kit	
	P080H	Enterohemorrhagic Escherichia Coli (EHEC) Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
	P580H			50T/Kit	
	P581H	Enteroadhesive Escherichia Coli (EAEC) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P582H	Enteroinvasive Escherichia Coli (EIEC) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P583H	Enterotoxigenic Escherichia Coli (ETEC) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P584H	Enteropathogenic Escherichia Coli (EPEC) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P635H	Diarrheagenic Escherichia Coli 5 Types Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P055H	Salmonella DNA Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P555H			50T/Kit	
	P789H	Salmonella Enteritidis(SE) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P790H	Salmonella Typhimurium Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P556H	Shigella DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P085H	Salmonella Enterica/Shigella DNA Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P585H			50T/Kit	
	P543H	Vibrio Parahaemolyticus Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO

Gastrointestinal Infections

Category	Cat.No	Product Name	Technology	Specification	Qualification
Foodborne Pathogenic Bacteria	P057H	Staphylococcus Aureus DNA Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P557H			50T/Kit	
	P253H	Foodborne Pathogenic Bacteria Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
	P653H			50T/Kit	
	P721H	Vibrio Cholerae DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P049H	Vibrio Cholerae O139/O1 Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
	P549H			50T/Kit	
	P616H	Clostridium Perfringens DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P619H	Campylobacter Jejuni DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P608H	Bacillus Cereus DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P579H	Listeria Monocytogenes DNA Detection Kit	Fluorescence PCR Method	50T/Kit	CE
	P558H	Enterobacter Sakazakii DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P704H	E.coli/S. aureus Nucleic Acid Dual Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
	P705H	Salmonella/Listeria Monocytogenes Nucleic Acid Dual Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P706H	Vibrio Parahemolyticus/Bacillus Cereus Nucleic Acid Dual Detection Kit	Fluorescence PCR Method	50T/Kit	RUO	

Viral Hepatitis

Cat.No	Product Name	Technology	Specification	Qualification
P100H	Hepatitis C Virus (HCV) Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	RUO
P101H	Hepatitis B Virus (HBV) Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	RUO
P166H			48T/Kit	
P167H			96T/Kit	
P119H	Hepatitis B Virus Genotyping Test Kit	Fluorescence PCR Method	32T/Kit	RUO

Oncology

Cat.No	Product Name	Technology	Specification	Qualification
P626H	Human T-cell Leukemia Virus Type I (HTLV-1) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P110H	EB Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE
P107H	Human Cytomegalovirus (HCMV) Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	RUO
P182H			96T/Kit	
P111H	Human B-raf Gene V600E Mutation Detection Kit	Fluorescence PCR Method	20T/Kit	CE
P112H	Human K-ras Gene Mutation Detection Kit	PCR-Melting Curve Method	20T/Kit	CE

Pharmacogenomics

Cat.No	Product Name	Technology	Specification	Qualification
P133H	Human ALDH2 Gene Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
P118H	Human Leukocyte Antigen B27 Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE
P135H	Human HLA-B*1502 Gene Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE

Pharmacogenomics

Cat.No	Product Name	Technology	Specification	Qualification
P127H	Human HLA-B*5801 Gene Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
P128H	Human CYP2C19 Genotyping Detection Kit	PCR-Melting Curve Method	24T/Kit	CE
P153H			48T/Kit	
P129H	CYP2D6*10\CYP2C9*3\ADRB1(1165G>C)\AGTR1(1166A>C)\ACE(I/D) Detection Kit	PCR-Melting Curve Method	24T/Kit	CE
P157H			48T/Kit	
P162H	NPPA (2238T>C)\CYP3A5*3 Detection Kit	PCR-Melting Curve Method	24T/Kit	CE
P163H			48T/Kit	
P130H	Human MTHFR (C677T) Gene Polymorphism Detection Kit	PCR-Melting Curve Method	24T/Kit	CE
P152H			48T/Kit	
P164H	Human MTHFR\MTRR Gene Polymorphism Detection Kit	PCR-Melting Curve Method	24T/Kit	CE
P165H			48T/Kit	
P173H	Human APOE & SLCO1B1 Genes Polymorphism Detection Kit	Fluorescence PCR Method	32T/Kit	RUO

Sexually Transmitted Infections

Cat.No	Product Name	Technology	Specification	Qualification
P103H	Chlamydia Trachomatis (CT) Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	RUO
P104H	Neisseria Gonorrhoeae (NG) Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE
P105H	Ureaplasma Urealyticum (UU) Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE
P132H	Chlamydia Trachomatis (CT)/ Neisseria Gonorrhoeae (NG)/Ureaplasma Urealyticum(UU) / Ureaplasma Parvum (UP) Nucleic Acid Multiplex Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P120H	Human Papilloma Virus (HPV) Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE
P089H	Treponema Pallidum Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
P589H			50T/Kit	
P106H	Herpes Simplex Virus (HSV) II Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE
P354H	Human Immunodeficiency Virus 1 (HIV-1) Nucleic Acid Detection Kit	Fluorescence PCR Method	24T/Kit	RUO
P908H			48T/Kit	
P828H	HPV Genotypes 18 Nucleic Acid Detection Kit	Fluorescence PCR Method	24T/Kit Freeze-dried	RUO

Maternal & Child Health

Cat.No	Product Name	Technology	Specification	Qualification
P078H	Herpes Simplex Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
P578H			50T/Kit	
P042H	ParvoVirus B19 DNA Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
P542H			50T/Kit	
P124H	Human Survival Motor Neuron 1 (SMN1) Gene Detection Kit	PCR-Melting Curve Method	32T/Kit	CE
P108H	Measles/Rubella Virus RNA Detection Kit	Fluorescence PCR Method	32T/Kit	RUO
P123H	Group B Streptococcus (GBS) Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE

Tropical Infections & Zoonoses

Cat.No	Product Name	Technology	Specification	Qualification
P090H	Dengue Virus Universal RNA Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
P590H			50T/Kit	
P257H	Dengue Virus Genotyping(I/II/III/IV) Nucleic Acid Multiplex Detection Kit	Fluorescence PCR Method	25T/Kit	CE
P657H			50T/Kit	
P251H	Dengue Virus/ZiKa virus/Chikungunya Virus Nucleic Acid Multiplex Detection Kit	Fluorescence PCR Method	25T/Kit	CE
P651H			50T/Kit	
P074H	ZiKa Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
P574H			50T/Kit	
P075H	Yellow Fever Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE
P575H			50T/Kit	
P238H	Epidemic Encephalitis B Virus RNA Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
P638H			50T/Kit	
P696H	Marburg Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P697H	Lassa Fever Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P114H	Ebola Virus (Zaire) Nucleic Acid Detection Kit	Fluorescence PCR Method	32T/Kit	CE
P698H			50T/Kit	
P707H	Ebola Virus (Sudan) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P699H	Rift Valley Fever Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P068H	Hantaan Virus/Seoul Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	CE

Herpes Viruses

Cat.No	Product Name	Technology	Specification	Qualification
P771H	Monkeypox Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	CE
P221H	Human Herpes Virus Type 1/2/3 DNA Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
P621H			50T/Kit	
P623H	Human Herpes Virus Type 7 DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P624H	Human Herpes Virus Type 8 DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P227H	Varicella Zoster Virus (VZV) Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
P627H			50T/Kit	
P639H	Human Herpes Virus Type 6 DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO

Others

Cat.No	Product Name	Technology	Specification	Qualification
P063H	Neisseria Meningitidis Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit	RUO
P563H			50T/Kit	RUO
P569H	Mycobacterium Leprae DNA Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P658H	Pseudomonas Aeruginosa Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO
P669H	Yersinia Pestis (YP) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit	RUO

Animal Health Detection Kit

Pet Diagnostic

Cat.No	Product Name	Technology	Specification
P360H	Feline Upper Respiratory Disease (FURD) Real-time PCR Panel	Fluorescence PCR Method	8T/Kit
-	Feline Panleucopenia Virus (FPV) Nucleic Acid Detection Kit*	Fluorescence PCR Method	8T/Kit Freeze-dried
-	Canine Distemper Virus (CDV) Nucleic Acid Detection Kit*	Fluorescence PCR Method	8T/Kit Freeze-dried

*Coming soon

Porcine Viral Diarrhea (PEDV, TGEV, PDCoV, RV)

Cat.No	Product Name	Technology	Specification
P706H	Porcine Transmissible Gastroenteritis Virus (TGEV) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P709H	Porcine Rotavirus (RV) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P710H	Porcine Deltacoronavirus (PDCoV) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P717H	Porcine Viral Diarrheal PEDV/TGEV/RV Nucleic Acid Multiplex Detection Kit	Fluorescence PCR Method	50T/Kit
P720H	Porcine Viral Diarrheal PEDV/TGEV/PDcov Nucleic Acid Multiplex Detection Kit	Fluorescence PCR Method	50T/Kit
P705H	Porcine Epidemic Diarrhea Virus (PEDV) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit

African Swine Fever Virus (ASFV)

Cat.No	Product Name	Technology	Specification
P260H	African Swine Fever Virus (ASFV) Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit
P708H			50T/Kit
P631H	Rapid African Swine Fever Virus (ASFV) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P628H	ASFV (P72/CD2v/MGF) Nucleic Acid Differential Detection Kit	Fluorescence PCR Method	50T/Kit
P629H	ASFV (P72/CD2v) Nucleic Acid Differential Detection Kit	Fluorescence PCR Method	50T/Kit
P630H	ASFV (P72/MGF) Nucleic Acid Differential Detection Kit	Fluorescence PCR Method	50T/Kit

Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)

Cat.No	Product Name	Technology	Specification
P270H	Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) RNA Detection Kit	Fluorescence PCR Method	25T/Kit
P632H			50T/Kit
P661H	Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus (HP PRRSV) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P704H	PRRSV Genotyping (NA/EU/HP) Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P668H	PRRSV NADC30-like Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit

Classic Swine Fever Virus (CSFV)

Cat.No	Product Name	Technology	Specification
P274H	Classical Swine Fever Virus (CSFV) Detection Kit	Fluorescence PCR Method	25T/Kit
P674H			50T/Kit

Foot and Mouth Disease Virus (FMDV)

Cat.No	Product Name	Technology	Specification
P325H	Foot and Mouth Disease Virus (FMDV) Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit
P725H			50T/Kit

Newcastle Disease Virus (NDV)

<i>Cat.No</i>	<i>Product Name</i>	<i>Technology</i>	<i>Specification</i>
P695H	Newcastle Disease Virus Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit

Brucellosis Disease

<i>Cat.No</i>	<i>Product Name</i>	<i>Technology</i>	<i>Specification</i>
P315H	Brucella Nucleic Acid Detection Kit	Fluorescence PCR Method	25T/Kit

Influenza Virus

<i>Cat.No</i>	<i>Product Name</i>	<i>Technology</i>	<i>Specification</i>
P249H	Avian Influenza Virus H9N2 RNA Detection Kit	Fluorescence PCR Method	25T/Kit
P649H			50T/Kit
P210H	Avian Influenza Virus H5/H7/H9 RNA Detection Kit	Fluorescence PCR Method	25T/Kit
P610H			50T/Kit
P004H	Avian Influenza Virus H7N9 RNA Detection Kit	Fluorescence PCR Method	25T/Kit
P504H			50T/Kit
P076H	Avian Influenza Virus Universal RNA Detection Kit	Fluorescence PCR Method	25T/Kit
P576H			50T/Kit
P242H	Influenza Virus A H5N1 RNA Detection Kit	Fluorescence PCR Method	25T/Kit
P642H			50T/Kit
P793H	Influenza Virus A H1 (2009) RNA Detection Kit	Fluorescence PCR Method	50T/Kit
P207H	Influenza Virus A (H3N2) RNA Detection Kit	Fluorescence PCR Method	25T/Kit
P607H			50T/Kit
P005H	Influenza Virus A (H1N1) RNA Detection Kit	Fluorescence PCR Method	25T/Kit
P505H			50T/Kit

Animal Species Identification Kit

<i>Cat.No</i>	<i>Product Name</i>	<i>Technology</i>	<i>Specification</i>
P591H	Porcine Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P592H	Bovine Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P593H	Ovine Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P594H	Horse Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P595H	Donkey Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P596H	Chicken Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P597H	Duck Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P598H	Goose Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P599H	Canine Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P600H	Feline Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P601H	Murine Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P602H	Cervine Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit
P603H	Vulpine Ingredients Nucleic Acid Detection Kit	Fluorescence PCR Method	50T/Kit