

A Leading Molecular
Diagnostic Solution Provider



BioPerfectus Product Catalogue



HVD Life Science Vertriebs GmbH
Wurzbachgasse 18, AT-1152 Vienna
Telephone: +43 1 982 95 26
Telefax: +43 1 786 36 44
E-mail: office1@hvdgmbh.com
www.hvdlifesciences.com



Follow "BioPerfectus" on



www.bioperfectus.com



Jiangsu Bioperfectus Technologies Co., Ltd.

Shanghai Branch: 2nd Floor, Block 10, No.188 Xinjun Ring Road, Pujiang High-Tech Park,
Caohejing Development Area, Minhang District, Shanghai, 201114, China

Taizhou Headquarters: Bioperfectus Technologies Industrial Park, No. 837 Yaocheng Avenue,
Taizhou City, Jiangsu Province, 225300, China

E-mail: info@bioperfectus.com Website: www.bioperfectus.com

*Embraces the
world
with health*

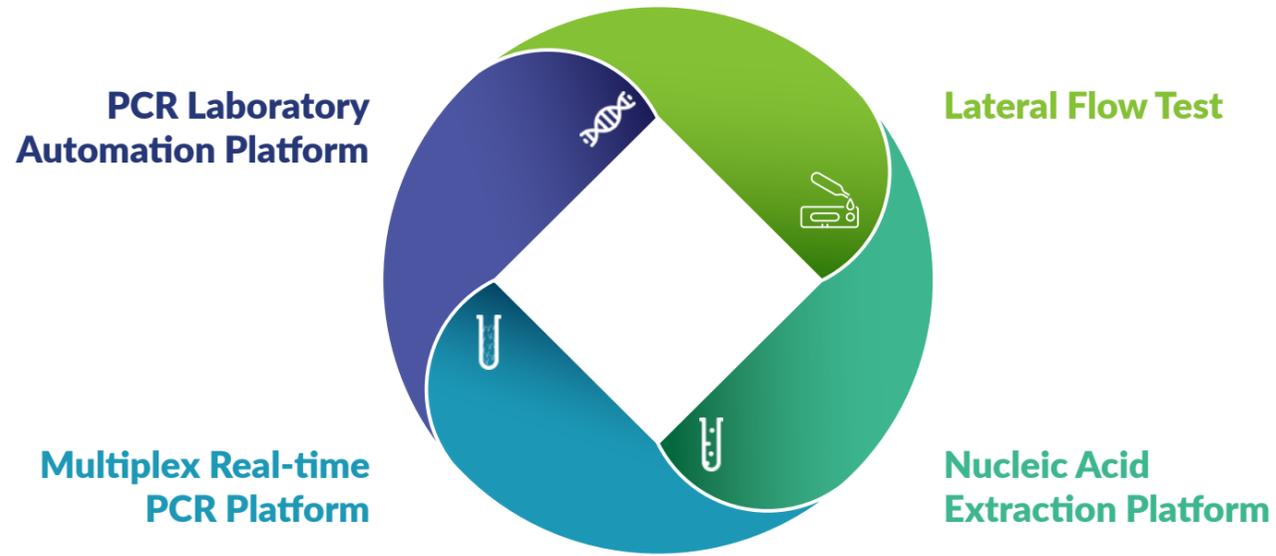


BioPerfectus

Since its founding in 2010, Jiangsu Bioperfectus Technologies CO., Ltd. (SSE:688399) has been dedicated to providing molecular diagnostic solutions that specialize in emerging infectious diseases for generations to come. We lead the change by offering Real-Time PCR Kits, Nucleic Acid Extraction Systems, Automation Solutions, and Rapid Tests to laboratories, hospitals, institutions, and CDCs worldwide. BioPerfectus products have been distributed to more than 100 countries around the world. As one of the leading global IVD suppliers, BioPerfectus is committed to delivering excellent services and products that meet the highest international quality and safety standards. Our global presence enables us to build close relationships with our clients and leverage our expertise to support them worldwide.

Guided by our mission at BioPerfectus, "For a healthier future," we consistently invest in research and development to expand our knowledge base, enhance our product offerings, and stay prepared for any future emergencies related to infectious diseases. Our unwavering commitment to excellence enables us to work towards our ultimate goal of preserving and improving human lives across the globe.

Key Technology Platforms



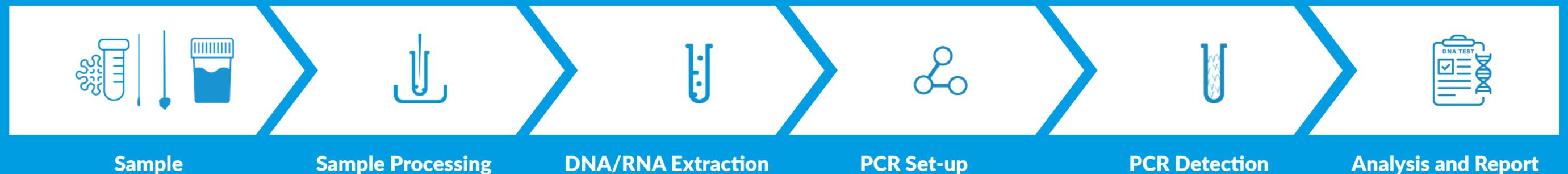
Global Regulatory Standards

CE FDA EUA WHO-EUL

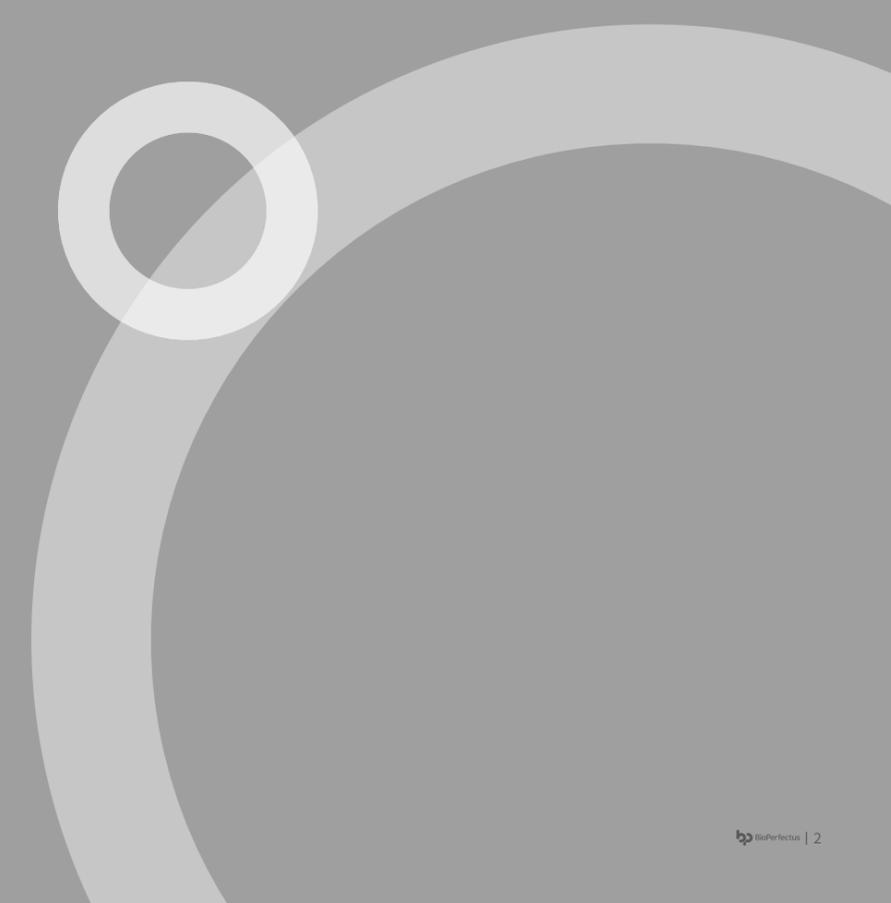
Global Quality Standards for Production



Total PCR Diagnostic Solution Provider



System



SSNP Series

SSNP Series Nucleic Acid Extraction System produced by BioPerfectus is a laboratory medical device, which integrates new technologies such as machine, electricity and computer software to enable automatic nucleic acid extraction of 32/64/96 samples maximumly in one time. This system is compatible with the BioPerfectus nucleic acid extraction kit. High quality nucleic acids (DNA/RNA) are extracted and purified from serum, plasma, urine, virus culture medium, nasal (pharyngeal) swab or vaginal swab samples through magnetic beads and buffer system. The purified nucleic acid can be used in routine scientific research, genomics, disease control, food safety, forensic medicine, molecular biology experiments, etc.



Features

- ▶ Better interactive experience: 10.1" touch screen, user-friendly software
- ▶ Easy to use: fully automatic operation
- ▶ Avoid biological contamination: UV light, HEPA filter, independent air filter
- ▶ Quality commitment: 18 months' warranty period

Model	SSNP-2000B	SSNP-3000A	SSNP-9600A	SSNP-A6
Sample Throughput	1-32	1-64	1-96	96
Efficiency of Magnetic Bead Recycle	≥98%			
Plate Type	96-deep-well plate			
Processing Volume	20 μL-1000 μL			
Size (Width×Depth×Height)	400×300×440 (mm)	435×320×575 (mm)	600×410×575 (mm)	380×540×520 (mm)
Weight	18kg	28kg	45kg	24kg
Reagent Type	Reagent for magnetic bead			
Oscillating Mixing	Multi-mode and multi-speed for adjustment			
Auxiliary Reagent	BioPerfectus nucleic acid extraction kits			
Program Management	New build, edit, delete mode programs, free and flexibly edit extraction system			
Heating Temperature	Room temperature to 120°C			
Contamination Control	The experimental cabin is equipped with an external HEPA filter independent air path, in which the biological filter cotton can absorb the nucleic acid aerosol (Micro-sized high-voltage electrostatic subparts in A6)			
Voltage	100-240V			
Frequency	50-60Hz			
Rated Power	250VA	400VA	600VA	420VA

SMPE Series

The nucleic acid extraction system SMPE-960 (referred to as "SMPE-960" below) is an in vitro diagnostic medical device, which integrates cutting-edge mechanical, electronic and software technologies to enable automated extraction of nucleic acids from samples with a modular structure. SMPE-960 can extract nucleic acids from 1-96 samples in three independently operating modules at the same time. Each module consists of 1-32 samples so that samples can be tested upon delivery.

Features

- Test upon delivery: 1-96 samples in three independently operating modules for nucleic acid extraction at the same time
- ▶ Better interactive experience: 10.1" touch screen, user-friendly software to independently control each module
- ▶ Better contamination control: UV light, ozone-free purifier with dozens of micro-sized high-voltage electrostatic subparts that can capture aerosols containing bacteria
- ▶ Quality commitment: 18 months' warranty period



SMPE-960

Model	SMPE-960
Sample Throughput	1-96
Efficiency of Magnetic Bead Recycle	≥98%
Plate Type	96-deep-well plate
Processing Volume	20 μL-1000 μL
Size (Width×Depth×Height)	600 x 450 x 640 (mm)
Weight	57.2kg
Reagent Type	Extraction reagent with magnetic bead method
Oscillating Mixing	New build, edit, delete mode programs, free and flexibly edit extraction system
Auxiliary Reagent	BioPerfectus nucleic acid extraction kits
Program Management	New build, edit, delete mode programs, free and flexibly edit extraction system
Heating Temperature	Room temperature to 120°C
Contamination Control	The nucleic acid extraction and sample/kits distribution are performed strictly in separate areas. The negative pressure filtration system with a built-in medical ozone-free purifier and dozens of micro-sized high-voltage electrostatic subparts can capture aerosols containing inactivated bacterial and viral debris in the air onto the filter media so that the pollutants will not be released into the air again
Voltage	100-240V
Frequency	50-60Hz
Rated Power	600VA

Workstation

The Automated Nucleic Acid Extraction Workstation integrates sample loading, nucleic acid purification, and PCR setup functions in one instrument. The typical run duration is less than 70 minutes for 96 samples (45 minutes for 48 samples). Based on experienced magnetic separation technology, SAW-96 provides high throughput automation combined with high performance. It will promote laboratory productivity to meet changing needs. With non-contact dispensing of samples, reagents, and PCR reagents, it will be safe and simple for the operators and save time and money for the laboratory.

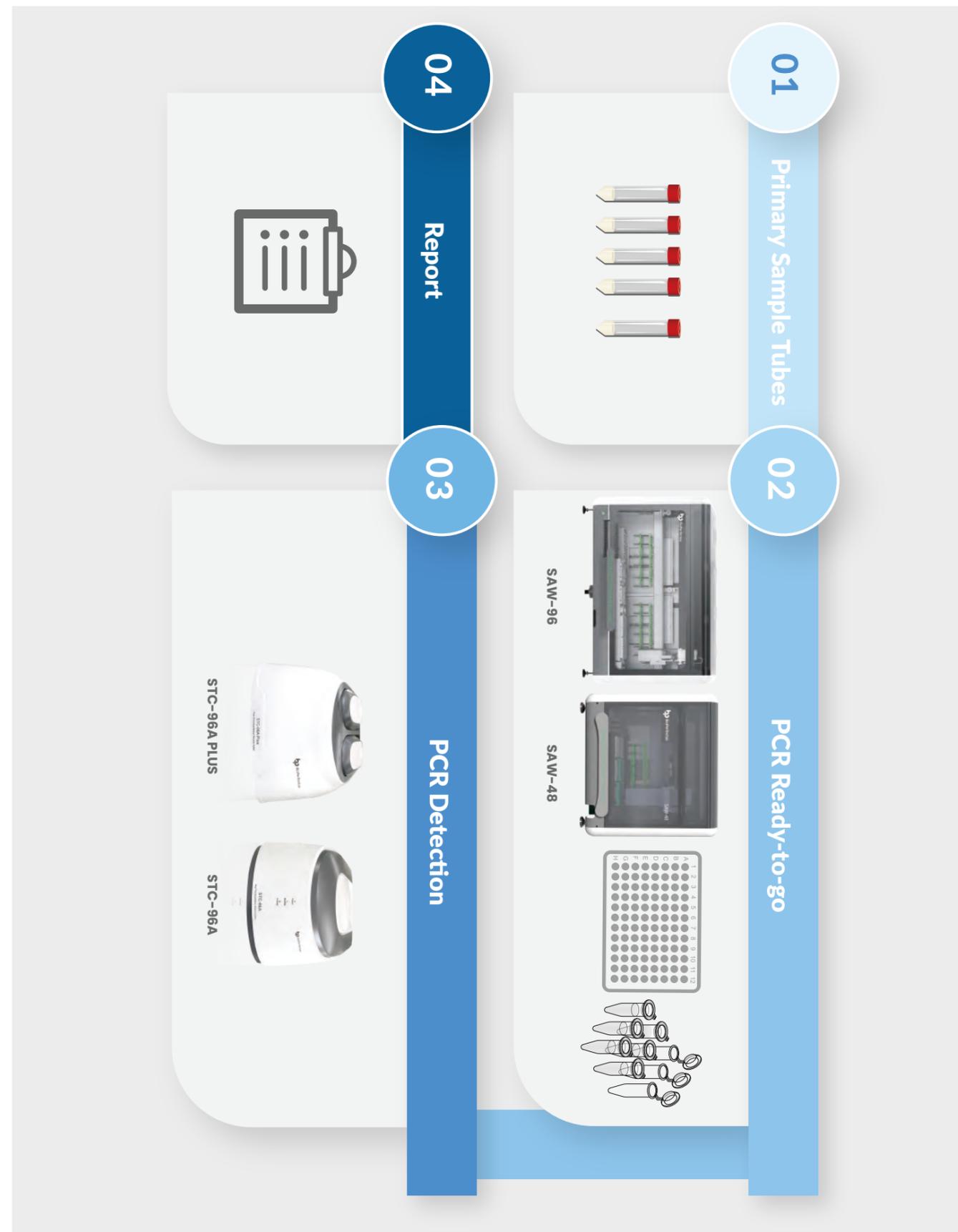
Scope of application: The equipment is intended for automatic extraction workflow. It can realize automated operations from primary sample tubes to nucleic acids extraction and PCR setup.



Features

- ▶ Walk-away workstation: one instrument from primary sample tube to PCR ready-to-go tube, including sample loading, nucleic acid purification, and PCR setup operations
- ▶ User-friendly design: visual interface with functions real-timely shown in software
- ▶ Better contamination control: UV light, HEPA filter, and the electrostatic filter will help prevent the inside environment from aerosols. Scientific zoning, a pipette device equipped with a leak-proof design, and filter pipette tips will enhance the anti-cross-contamination level.

Model	SAW-96	SAW-48
Size (Width×Depth×Height)	1130 x 680 x 690 (mm)	740 x 650 x 730 (mm)
Weight	110.8kg	50kg
Sample Throughput	1-96	1-48
Cooler Control	The reagent station is designed to avoid light, with automatic refrigeration at 8 - 15°C. The PCR setup station is constructed at a low temperature of 4 - 8°C, which effectively inhibited the amplification reaction.	
Contamination Control	HEPA, UV lamp, Micro-High voltage electrostatic core	
Voltage	100-240V	
Frequency	50-60Hz	
Rated Power	1,210VA	420VA



Extraction Kit

Our extraction kits use magnetic beads and buffer system with unique separation function and are used in conjunction with nucleic acid extractor to separate and purify high-quality viral nucleic acids from samples. The specially coated magnetic beads have a strong affinity for the nucleic acid in the sample under certain conditions. When the conditions change, the magnetic beads release the adsorbed nucleic acid, so that the nucleic acid in the purified sample can be quickly extracted.

Our extraction kits are used for the extraction and purification of nucleic acids (DNA and RNA) from variety of samples. The purified nucleic acid can be used in downstream molecular biology experiment.

Features

- ▶ High purity and concentration
- ▶ High yield: high yield high-quality nucleic acid
- ▶ Easy-to-use: all reagents are pre-filled
- ▶ Safe and harmless: without the use of toxic reagents, e.g., benzene, chloroform

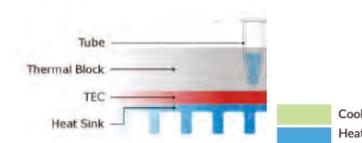
Model		Nucleic Acid Extraction Rapid Kit (Magnetic Bead Method)	Whole Blood DNA Extraction Kit (Magnetic Bead Method)	Bacteria DNA Extraction Kit (Magnetic Bead Method)	Cell Nucleic Acid Extraction Kit (Magnetic Bead Method)	Viral Nucleic Acid Extraction Kit (Magnetic Bead Method)
Package	Strip	32 tests	/	/	/	/
	8 tests/plate	32 tests	/	/	/	32 tests
		48 tests	48 tests	48 tests	48 tests	48 tests
	16 tests/plate	32 tests	/	/	/	32 tests
		48 tests	48 tests	48 tests	48 tests	48 tests
		96 tests	96 tests	96 tests	96 tests	96 tests
Protease K	/	Y	Y	Y	/	
Sample Volume		200 µL	200 µL	200 µL	300 µL	200 µL
Sample Type		Nasopharyngeal swab Pharyngeal swab Nasal swab Serum Plasma Urine Cervical swab Urethral swab	Human whole blood	Pharyngeal swab Serum Plasma Urine and Bacterial culture Medium of human	Cervical swab, Liquid-based cells	Serum Plasma Virus culture fluid Cerebrospinal fluid Urine Swab wash and fecal supernatant
Nucleic Acid		DNA/RNA	DNA	DNA	DNA/RNA	DNA/RNA
Compatible Devices		SSNP-2000B SSNP-3000A SSNP-9600A SMPE-960 SAW-48/96	SSNP-2000B SSNP-3000A SSNP-9600A SMPE-960 SAW-48/96	SSNP-2000B SSNP-3000A SSNP-9600A SMPE-960 SAW-48/96	SSNP-2000B SSNP-3000A SSNP-9600A SMPE-960 SAW-48/96	SSNP-2000B SSNP-3000A SSNP-9600A SMPE-960 SAW-48/96
Catalog		SDKF60101	SDK60110	SDK60108	SDK80125	SDK60104

STC Series

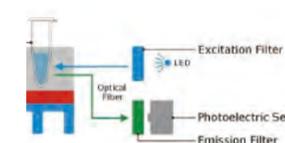
Innovative hardware design brings outstanding performance of the STC-96A/96A PLUS Real-Time PCR System, of which the temperature uniformity across 96 wells are within a remarkable 0.1°C. This uniformity meets all your needs for highly precise diagnostic and study use, including High-Resolution Melting Curve (HRM) applications.

Features

- ▶ **Precise temperature control**
Well-to-well uniformity with an accuracy of 0.1°C
- ▶ **Accurate results in fast speed**
A super-fast heating/cooling rate of up to 4.0°C/sec
- ▶ **Quality commitment**
18-month warranty, long-lasting and maintenance-free LEDs applied
- ▶ **No crosstalk calibration needed**
Professional optical filter combinations eliminate crosstalk between FAM, HEX, ROX and CY5 channels



Reliable temperature control



Reliable detection performance

Model	STC-96A	STC-96A PLUS
Sample Capacity	96 wells (dual 48/48 reaction module)	96 wells
Parallel Running Mode	/	Dual reaction blocks/running 2 tests independently
Reaction Volumes	15-100 µL	
Consumable	0.2ml PCR tubes, 8-tube strips, 48-well plates	
Run Time	<50 mins	
Temperature Range	4-99 °C	
Max Ramp Rate	4.0°C/sec	
Temperature Accuracy and Uniformity	0.1°C	
Heating and Cooling Method	Peltier	
Temperature Control Mode	Tube control/block control	
Hot Lid	Automatic hot lid	
Excitation Source	LED (maintenance-free)	
Detector	High sensitivity photoelectric sensor	
Sensitivity	CV<0.5%	
Reproducibility	10 ⁰ - 10 ¹⁰ copies/well detectable	
Excitation Range	CH1-CH4: 470-630 nm; CH5/CH6: customer-made	
Detection Range	CH1-CH4: 510-665 nm; CH5/CH6: customer-made	
Dyes and Probes	FAM™/SYBR Green®; VIC®/HEX™/JOE™/TET™; ROX™/Texas Red®; CY5™	
Size (Width×Depth×Height)	380×520×250 (mm)	
Weight	18 kg	
Computer	Pentium PC with Windows XP, Vista or Windows 7/8	
Communication	RS232, USB	
Frequency	230V, 50HZ	
Rated Power	850VA	



Respiratory Infectious Diseases



Featured Products



Allfastra SARS-CoV-2/FluA/FluB/RSV Real Time PCR kit

The BioPerfectus Allfastra SARS-CoV-2/FluA/FluB/RSV Real Time PCR Kit is an in vitro diagnostic test, based on real-time PCR technology, for the detection and differentiation of RNA from the SARS-CoV-2, influenza A (FluA), influenza B (FluB) virus and respiratory syncytial virus (RSV). Specimens can be obtained from human nasopharyngeal (NP) swab, oropharyngeal (OP) swab and sputum.



Respiratory Virus Panel (7) Real Time PCR Kit

The BioPerfectus Respiratory Virus Panel (7) Real Time PCR Kit is intended for the in-vitro qualitative detection of Influenza A virus, Influenza B virus, Respiratory syncytial virus, Human rhinovirus, Respiratory adenovirus, *Mycoplasma pneumoniae*, Parainfluenza virus nucleic acid in human throat swab samples.



Allfastra Respiratory Bacteria Panel (7) Real Time PCR Kit

The BioPerfectus Respiratory Bacteria Panel (7) Real Time PCR Kit is an in vitro diagnostic test, based on multiplexed real-time PCR technology, for the simultaneous qualitative detection and differentiation of nucleic acids from multiple bacterial respiratory organisms (including *Haemophilus influenzae*, *Mycoplasma pneumoniae*, *Legionella pneumophila*, *Klebsiella pneumoniae*, *Streptococcus pneumoniae*, *Bordetella parapertussis* and *Bordetella pertussis*) from the human nasopharyngeal swab, sputum and bronchoalveolar lavage fluid.



Allfastra Respiratory Bacteria Panel (3) Real Time PCR Kit

The BioPerfectus Allfastra Respiratory Bacteria Panel (3) Real Time PCR Kit is an *in vitro* diagnostic test, based on real-time PCR technology, for the detection of DNA from *Pseudomonas aeruginosa*, Group A *Streptococcus* and *Staphylococcus aureus*. Specimens can be obtained from the human nasopharyngeal swab, sputum and bronchoalveolar lavage fluid.

Respiratory Diagnostic Assays

No.	Catalog No.	Product Name	Package Size
COVID-19			
1	JC10223-1NW	COVID-19 Coronavirus Real Time PCR Kit	50T
2	JC10308NW	COVID-19 Coronavirus (ORF1ab/N/E) Real Time PCR Kit	25T/50T
3	JC10315NW	SARS-CoV-2 Variant B.1.617 Real Time PCR Kit	25T/50T
4	JC10316NW	SARS-CoV-2 Variant Lambda (C.37) Real Time PCR Kit	25T/50T
5	JC10412NW	SARS-CoV-2 Variant Omicron Real Time PCR Kit	25T/50T
6	SC30107SW	Novel Corona Virus (SARS-CoV-2) Ag Rapid Test Kit (Self-test)	1/2/5/10/15T
7	SC30107W	Novel Corona Virus (SARS-CoV-2) Ag Rapid Test Kit (Pro-use)	1/2/5/10/15/20/25/50T
8	SC30201W	Novel Corona Virus (SARS-CoV-2) IgM/IgG Rapid Test Kit	1T/20T/25T/50T
Influenza			
9	JC10202NW	Influenza A and B viruses Real Time PCR Kit	25T/50T
10	JC10310NW	COVID-19 Coronavirus and Influenza A/B Virus Real Time PCR Kit	25T/50T
11	YJC10411NW	Allfastra SARS-CoV-2/FluA/FluB/RSV Real Time PCR kit	25T/50T
12	JC10209NW	NEW Influenza A Virus (H1N1 & H3) Real Time PCR Kit	24T/48T
13	JC10204NW	NEW Influenza B virus (Victoria & Yamagata) Real Time PCR Kit	24T/48T
14	JC10134NW	NEW Influenza Virus Subtype N6 Real Time PCR Kit	25T/50T
15	SC10101W	Influenza A and B Rapid Test	1/20/25/50T
Respiratory Panel			
16	JC150701NW	NEW Respiratory Virus Panel (7) Real Time PCR Kit	24T/48T
17	YJB110701NW	NEW Allfastra Respiratory Bacteria Panel (7) Real Time PCR Kit	25T/50T
18	YJB20305NW	NEW Allfastra Respiratory Bacteria Panel (3) Real Time PCR Kit	25T/50T
Others			
19	JB20123NW	NEW Mycobacterium Tuberculosis Real Time PCR Kit	25T/50T
20	JB20109NW	NEW Mycoplasma Pneumoniae Real Time PCR Kit	24T/48T
21	JC40201NW	Measles and Rubella Viruses Real-Time PCR Kit	50T
22	JB20103NW	NEW Streptococcus Pneumoniae Real Time PCR Kit	24T/48T
23	JB20110NW	NEW Legionella pneumophila Real Time PCR Kit	25T/50T
24	JB20107NW	NEW Legionella Real Time PCR Kit	25T/50T
25	JC10216NW	NEW Respiratory Syncytial Virus A/B Real Time PCR Kit	25T/50T
26	YJC10401NW	NEW MERS-CoV Real Time PCR Kit	25T/50T
27	YJC10128NW	NEW SARS-CoV Real Time PCR Kit	25T/50T



Gastrointestinal Infectious Diseases



Featured Products



CoxA16/EV71/EV-U Real Time PCR Kit

The BioPerfectus CoxA16/EV71/EV-U Real Time PCR Kit is an in vitro diagnostic (IVD) reagent relying on fluorescent PCR technology and aiming at detection of coxsackievirus A16 (CoxA16), enterovirus 71 (EV71) and enterovirus RNA from human throat swab samples.



Norovirus Real Time PCR Kit

The BioPerfectus Norovirus Real Time PCR Kit is intended for qualitative detection of norovirus nucleic acid in human stool specimens.



Norovirus GI and GII Real Time PCR Kit

The BioPerfectus Norovirus GI and GII Real Time PCR Kit qualitative simultaneously detection and differentiation of Norovirus GI and Norovirus GII nucleic acid in human stool samples.



Rotavirus A/B/C Real Time PCR Kit

The BioPerfectus Rotavirus A/B/C Real Time PCR Kit is an in vitro diagnostic test, based on real-time PCR technology, for the detection of RNA from the Rotavirus A, B and C. Specimens can be obtained from human stool.

Gastrointestinal Panel

No.	Catalog No.	Product Name	Package Size
1	JC20303NW	NEW CoxA16/EV71/EV-U Real Time PCR Kit	25T/50T
2	JC20203NW	NEW CoxA16 & EV71 Real Time PCR Kit	25T/50T
3	JC20205NW	Coxsackievirus A6 and A10 Real Time PCR Kit	25T/50T
4	JC20101NW	NEW Enterovirus Real Time PCR Kit	25T/50T
5	JC50108NW	NEW Norovirus Real Time PCR Kit	24T/48T
6	JC50201NW	NEW Norovirus GI and GII Real Time PCR Kit	25T/50T
7	YJB10312NW	Vibrio Cholerae Real Time PCR Kit	25T/50T
8	YJB10312NW(RUO)	Vibrio Cholerae Real Time PCR Kit	25T/50T
9	JB10130NW	NEW Clostridioides difficile Real Time PCR Kit	25T/50T
10	YJB11201NW	NEW E. coli Pathotyping (5) Real Time PCR Kit	25T/50T
11	YJC50301NW	NEW Rotavirus A/B/C Real Time PCR Kit	25T/50T
12	YJC50105NW	NEW Sapovirus Real Time PCR Kit	25T/50T
13	YJC50104NW	NEW Astrovirus Real Time PCR Kit	25T/50T
14	YJC50106NW	Enteric Adenovirus Real Time PCR Kit	25T/50T
15	JB10201NW	NEW Salmonella & Shigella Real Time PCR Kit	25T/50T
16	YJB50301NW	NEW Salmonella Typhi/Salmonella Paratyphi Real Time PCR Kit	25T/50T
17	YJB10140NW	NEW Shigella Dysenteriae Real Time PCR Kit	25T/50T
18	YJB20130NW	NEW Clostridium botulinum Real Time PCR Kit	25T/50T



Cervical Cancer Screening



Featured Products



Human Papillomavirus Genotyping Real Time PCR Kit

The BioPerfectus Human Papillomavirus Genotyping Real Time PCR Kit is an *in vitro* diagnostic kit used for the detection of 21 different Human Papillomavirus (HPV) in patient specimens. The test specifically identifies 18 high-risk HPV types (16, 18, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 26, 73, and 82) and three low-risk HPV types (6, 11, and 81). Both of cervical swabs and cytologic samples are detectable (ThinPrep® and BD SurePath™).



Human Papillomavirus Real Time PCR Kit

The BioPerfectus Human Papillomavirus Real Time PCR Kit is intended for the *in vitro* qualitative detection of nucleic acids of 18 HPV types (16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68, 73, 53, 82, and 26) in cervical exfoliated cells, and genotyping for HPV16 and HPV18, but not for the other HPV types. Both of cervical swabs and cytologic samples are detectable (ThinPrep® and BD SurePath™).

Human Papillomavirus Panel

No.	Catalog No.	Product Name	Package Size
1	JC80402-NW	Human Papillomavirus Real Time PCR Kit	50T
2	JC80402-NWO	Human Papillomavirus Real Time PCR Kit (TCT sample version)	50T
3	JC80301NW	Human Papillomavirus Genotyping Real Time PCR Kit	24T/48T
4	JC80301NWO	Human Papillomavirus Genotyping Real Time PCR Kit (TCT sample version)	24T/48T



Sexually Transmitted Diseases



Featured Products



Neisseria Gonorrhoeae/Chlamydia Trachomatis/U. Urealyticum Real Time PCR Kit

The BioPerfectus Neisseria Gonorrhoeae/Chlamydia Trachomatis/U.urealyticum Real-Time PCR Kit is an *in vitro* diagnostic test, based on real-time PCR technology, for the detection of Neisseria gonorrhoeae, Chlamydia trachomatis, and Ureaplasma urealyticum nucleic acids. Samples can be obtained from male urethral swabs, female endocervical swabs, and urine samples. The test provides a molecular diagnostics-based solution for early diagnosis of venereal disease and for preliminary screening of high-risk venereal disease groups.



Mycoplasma Genitalium Real-Time PCR Kit

The BioPerfectus Mycoplasma Genitalium Real Time PCR Kit is an *in vitro* diagnostic test, based on real-time PCR technology, for the detection of MG nucleic acids. Samples can be obtained from human male urethral swab or female endocervical swab or urine. The product is intended for assisting MG infection diagnosis and the result provides molecular evidence for early STDs diagnosis and also for high-risk STD population primary screening.



Herpes Simplex Virus I/II Real Time PCR Kit

The BioPerfectus Herpes Simplex Virus Type I/II Real Time PCR Kit is an *in vitro* diagnostic test, based on real-time PCR technology, for the detection of HSV nucleic acids. Samples can be obtained from human male urethral swabs and female cervical swabs. The product is intended for assisting HSV genotype infection diagnosis and the result provides molecular evidence for early STDs diagnosis and also for high-risk STD population primary screening.

Sexually Transmitted Diseases Panel

No.	Catalog No.	Product Name	Package Size
1	JB60301NW	Neisseria Gonorrhoeae_Chlamydia Trachomatis_U.urealyticum Real-Time PCR Kit	50T
2	JB60102NW	Chlamydia Trachomatis Real-Time PCR Kit	50T
3	JB60107NW	Neisseria Gonorrhoeae Real-Time PCR Kit	50T
4	JB60103NW	Ureaplasma Urealyticum Real-Time PCR Kit	50T
5	JB(Z)60104NW	NEW Mycoplasma Genitalium Real Time PCR Kit	24T/48T
6	JB(Z)60109NW	NEW Mycoplasma Hominis Real Time PCR Kit	24T/48T
7	JC60202NW	NEW Herpes Simplex Virus I/II Real Time PCR Kit	24T/48T
8	JC60105NW	NEW Herpes Simplex Virus Real Time PCR Kit	25T/50T
9	JB60108NW	NEW Treponema Pallidum Real Time PCR Kit	25T/50T
10	JB60110NW	NEW Trichomonas Vaginalis Real Time PCR Kit	25T/50T



Vector-Borne Diseases



Featured Products



Dengue (NS1 Ag+IgG/IgM) DUO Rapid Test Kit

The BioPerfectus Dengue (NS1 Ag+IgG/IgM) DUO Rapid Test Kit is intended for the qualitative testing of Dengue NS1 antigen, IgG and IgM antibodies in human serum or plasma samples.



Malaria Pf/Pv (HRP2/pLDH) Ag Rapid Test Kit

The BioPerfectus Respiratory Bacteria Panel (7) Real Time PCR Kit is an in vitro diagnostic test, based on multiplexed real-time PCR technology, for the simultaneous qualitative detection and differentiation of nucleic acids from multiple bacterial respiratory organisms (including *Haemophilus influenzae*, *Mycoplasma pneumoniae*, *Legionella pneumophila*, *Klebsiella pneumoniae*, *Streptococcus pneumoniae*, *Chlamydia pneumoniae* and *Bordetella pertussis*) from the human nasopharyngeal swab, sputum and bronchoalveolar lavage fluid.



Zika Virus/Dengue Virus/Chikungunya Virus Real Time PCR Kit

The BioPerfectus Zika Virus/Dengue Virus/Chikungunya Virus Real Time PCR Kit is intended for the in vitro qualitative detection of RNA from dengue, chikungunya and Zika viruses in human serum, whole blood (EDTA), cerebrospinal fluid (CSF) and for the detection of Zika virus RNA in human urine, and amniotic fluid. This kit will help to diagnose the presence of dengue, chikungunya and Zika viruses using a single sample.



Plasmodium Genotyping Real Time PCR Kit

The BioPerfectus Plasmodium Genotyping Real Time PCR Kit is an in vitro diagnostic test. Based on real-time PCR technology. For the detection and differentiation of DNA from Plasmodium parasites, including Plasmodium vivax (Pv), Plasmodium falciparum (Pf), Plasmodium malariae (Pm), Plasmodium knowlesi (Pk) and Plasmodium ovale (Po). Samples can be obtained from human whole blood.

Vector-borne diseases Panel

No.	Catalog No.	Product Name	Package Size
1	SC20102W	Malaria Pf (HRP2) Ag Rapid Test Kit	1T/20T/25T/50T
2	SC20204W	Malaria Pf (HRP2/pLDH) Ag Rapid Test Kit	1T/20T/25T/50T
3	SC20203W	Malaria Pf/Pv (HRP2/pLDH) Ag Rapid Test Kit	1T/20T/25T/50T
4	SC20202W	Malaria Pf/Pan (HRP2/pLDH) Ag Rapid Test Kit	1T/20T/25T/50T
5	JW20102NW	Plasmodium DNA Real Time PCR Kit	25T/50T
6	YJW20601NW	NEW Plasmodium Genotyping Real Time PCR Kit	25T/50T
7	SC20301W	Dengue (NS1 Ag+IgG/IgM) DUO Rapid Test Kit	1T/20T/25T/50T
8	SC20201W	Dengue IgG/IgM Rapid Test Kit	1T/20T/25T/50T
9	SC20101W	Dengue NS1 Ag Rapid Test Kit	1T/20T/25T/50T
10	JC30101NW	Dengue Virus Real Time PCR Kit	48T
11	JC30202NW	Dengue Virus Type 1 & Type 2 Real Time PCR Kit	25T/50T
12	JC30203NW	Dengue Virus Type 3 & Type 4 Real Time PCR Kit	25T/50T
13	JC30106NW	Zika Virus Real Time PCR Kit	25T/50T
14	JC30302NW	Zika Virus/Dengue Virus/Chikungunya Virus Real Time PCR Kit	25T/50T
15	JC40107NW	Yellow Fever Virus Real Time PCR Kit	25T/50T
16	YJC70109NW	West Nile Virus Real Time PCR Kit	25T/50T
17	YJC60110NW	Crimean-Congo Hemorrhagic Fever Virus PCR Kit	25T/50T
18	YJC30109NW	NEW Sindbis Virus Real Time PCR Kit	25T/50T
19	YJC70113NW	NEW Tick-borne Encephalitis Virus Real Time PCR Kit	25T/50T
20	YJC30108NW	NEW Toscana Virus Real Time PCR Kit	25T/50T
21	YJC30107NW	NEW Ross River Virus Real Time PCR Kit	25T/50T
22	YJC70107NW	NEW Severe Fever with Thrombocytopenia Syndrome Bunyavirus (SFTSV) Real Time PCR Kit	25T/50T
23	YJC70108NW	NEW Japanese Encephalitis Virus Real Time PCR Kit	25T/50T
24	YJB30123NW	NEW Leishmania Real Time PCR Kit	25T/50T
25	YJW10106NW	NEW Anaplasma Phagocytophilum Real Time PCR Kit	25T/50T
26	YJB10144NW	NEW Bartonella Real Time PCR Kit	25T/50T
27	YJC60113NW	NEW Borrelia Burgdorferi Real Time PCR Kit	25T/50T
28	YJC60122NW	NEW Coxiella Burnetii Real Time PCR Kit	25T/50T
29	YJB20143NW	NEW Francisella Tularensis Real Time PCR Kit	25T/50T
30	YJC60121NW	NEW Rickettsia typhi Real Time PCR Kit	25T/50T



Zoonotic Infectious Diseases



Featured Products



Monkeypox Virus Real Time PCR Kit

The BioPerfectus Monkeypox Virus Real Time PCR Kit is an *in vitro* diagnostic test, based on real-time PCR technology, for the detection of DNA from the Monkeypox virus. Specimens can be obtained from the human tonsillar swab, nasopharyngeal swab, serum, whole blood, lesion exudate and s cab. The veterinary version is also in store.



Ebola Virus Real Time PCR Kit

The BioPerfectus Ebola Virus Real Time PCR Kit is intended for the *in vitro* qualitative detection of Ebola virus RNA in clinical specimens, including whole blood, serum, plasma, and urine, from individuals meeting Ebola virus clinical and/or epidemiological criteria.



Marburg Virus Real Time PCR Kit

The BioPerfectus Marburg Virus Real Time PCR Kit is an *in vitro* diagnostic test based on real-time PCR technology, for the detection of RNA from the MarburgVirus. Specimens can be obtained from human blood, serum and stool.



Avian Influenza Virus (H5/H7/H9) Real Time PCR Kit

The BioPerfectus Avian Influenza Virus (H5/H7/H9) Real Time PCR Kit is an *in vitro* diagnostic test, based on real-time PCR technology, for the detection and differentiation of RNA from the Avian Influenza Virus (AIV) H5, H7 and H9. Specimens can be obtained from human nasopharyngeal swabs and oropharyngeal swabs.

Zoonoses Panel

No.	Catalog No.	Product Name	Package Size
1	YJC70115NW	Monkeypox Virus Real Time PCR Kit	25T/50T
2	JC70110-1NW	Ebola Virus Real Time PCR Kit	25T/50T
3	YJC70112NW	Marburg Virus Real Time PCR Kit	25T/50T
4	JC70203-1NW	Monkeypox Virus (MPXV) Fast Real Time PCR Kit	25T/50T
5	YJC70205NW	Monkeypox Virus and Orthopoxvirus Real Time PCR Kit	25T/50T
6	YJC70204NW	Monkeypox Virus Genotyping Real Time PCR Kit	25T/50T
7	YJC70303NW	Monkeypox Virus/Varicella-zoster Virus/Variola Virus Real Time PCR Kit	25T/50T
8	JB30101NW	NEW Leptospira Real Time PCR Kit	25T/50T
9	YJB80101NW	NEW Yersinia Pestis Real Time PCR Kit	25T/50T
10	YJC60124NW	NEW Hantavirus Real Time PCR Kit	25T/50T
11	YJC70120NW	NEW Hendra Virus Real Time PCR Kit	25T/50T
12	YJC60111NW	NEW Lassa Fever Virus Real Time PCR Kit	25T/50T
13	JC40106NW	NEW Nipah Virus Real Time PCR Kit	25T/50T
14	YJC70111NW	NEW Rift Valley Fever Virus Real Time PCR Kit	25T/50T
15	YJB60101NW	NEW Bacillus Anthracis Real Time PCR Kit	25T/50T
16	YJC70105NW	NEW Rabies Virus Real Time PCR Kit	25T/50T
17	JB20115NW	NEW Brucella Real Time PCR Kit	24T/48T
18	JC10215NW	NEW Avian Influenza Virus Subtype H5N2 Real Time PCR Kit	25T/50T
19	YJC10301NW	NEW Avian Influenza Virus (H5/H7/H9) Real Time PCR Kit	25T/50T
20	JC10205NW	NEW Avian Influenza Virus Subtype H7N9 Real Time PCR Kit	25T/50T
21	YJC30107NW	NEW Ross River Virus Real Time PCR Kit	50T
22	YJC60125NW	NEW Sin Nombre virus Real Time PCR Kit	25T/50T