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Better Filter & Better Sample Prep

COVID-19 Sampling and Extraction Solution

Efficient sampling and
accurate extraction

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Virus Transport and Preservation Medium

Classic formula:
Suitable for virus culture, molecular biological detection, immunological detection.

VS

Improved formula:
Efficient inactivation of viruses, avoid the risk of aerosol infections, suitable for molecular biology detection.

Order Information:

Cat.#	Description	Qty.
YVJ-T-E	1*classic virus sampling tube (10 mL), containing 3 mL preservation medium, 1* pp fiber swabs	3mL/pcs, 50pcs/Box
YVJ-E	1*classic virus sampling tube, containing 3 mL preservation medium, no swab	3mL/pcs, 50pcs/Box
YMJ-T-E	1* inactivated virus sampling tube (5 mL), containing 3 mL preservation medium (Inactivated), 1* PP fiber swabs	3mL/pcs, 50pcs/Box
YMJ-E	1* inactivated virus sampling tube, containing 3 mL preservation medium, no swab	3mL/pcs, 50pcs/Box

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Virus DNA/ RNA Extraction Kit

Efficiently extract the COVID-19 RNA to avoid RNA degradation and reduce the probability of "false-negative "

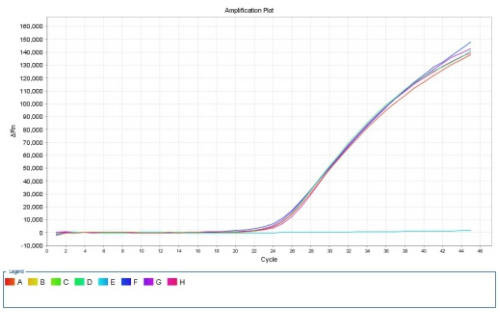
Spin Column

Magnetic-bead

Magnetic beads pre-packed

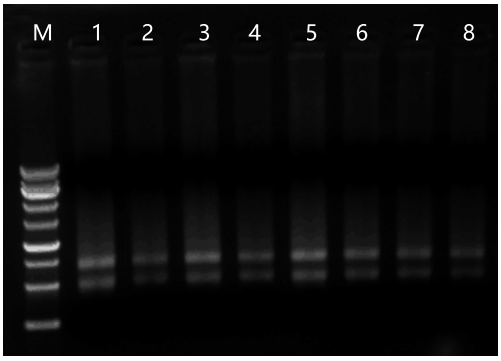
Typical application 1:

Virus DNA was extracted from African swine fever virus (ASFV) positive serum using a pre-packed viral DNA/RNA extraction kit (Cat. No.: BNP027-2). The results of qRT-PCR are shown below:



Typical application 2:

Oral swabs were collected and stored in classic/inactivated virus transport media, and samples were stored at 4° C for 0 and 3 days, Viral DNA/RNA extraction kits (Cat. No.: MNP027-1) were used to remove oral swabs RNA was extracted and analyzed by electrophoresis as follows:



Lane1-2: RNA from classic transport medium after 0 days of storage
Lane3-4: RNA from inactived transport medium after 0 days of storage
Lane5-6: RNA from classic shipping medium after 3 days of storage
Lane7-8: RNA from inactived transport medium after 3 days of storage

Order Information:

Cat. #	Description	Qty.
MNP027-1	Virus DNA/RNA extraction kit (Spin Column)	50preps/box
BNP027-1	Virus DNA/RNA extraction kit (Magnetic Bead)	50preps/box
BNP027-2	Pre-packed Virus DNA/RNA extraction kit (M32, Magnetic beads)	32preps/box
BNP027-3	Pre-packed Virus DNA/RNA extraction kit (M96, Magnetic beads)	96preps/box

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M32 Nucleic Acid Extraction Systems

automatic extraction of scattered samples

Innovate processing of Sample Preparation

Feature

- Small and lightweight, and can be operated in a biological safety cabinet
- The use of disposable extraction sleeves and ultraviolet sterilization lamps to avoid aerosol pollution from different batches and reduce operational risks
- Unique cockpit control panel UI design, easy to understand and operate
- Open platform, compatible with commercially available magnetic bead nucleic acid extraction kits.

Instrument parameters

Product Name	M32 Nucleic Acid Extraction Systems
Model	M32
Sample throughput	1-32
Volume	20~1000 μL
Consumable	96-well deep plate + magnetic rod cover
Recovery	≥95%
Purification hole difference(CV)	<3%
Operation humidity	10%~90%
Operation temperature	10℃~40℃
Heating temperature	Lysis heating temperature: RT+5℃~125℃ Elution heating temperature: RT +5℃~125℃
Vibration	Level 1-3 adjustable
Disinfection and decontamination	UV light
Reagent type	Magnetic bead nucleic acid extraction reagent
Interface	Embedded integrated touch screen operation
Program management	New, edit and delete, free and flexible editing and extraction programs
Connector	USB
Dimensions	400mm×420mm×440mm
Power	AC110V-230V, 50Hz/60Hz, 750W
Net weight	25 Kg

Order information

Cat. #	Description	Qty.
NAES-32	Nucleic Acid Extraction Systems	1EA/Box

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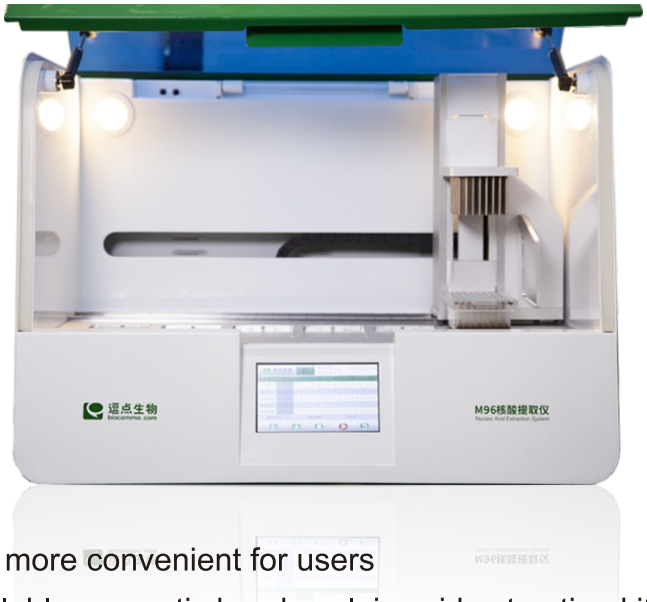
M96 Nucleic Acid Extraction Systems

automatic extraction of high-throughput samples

Innovate processing of Sample Preparation



Feature

- The unique sample cross-contamination control system effectively prevents sample contamination
- Multiple sample protection modes to reduce sample loss during use of the instrument
- The use of modular linear motion design makes it more convenient for users
- Open platform, compatible with commercially available magnetic bead nucleic acid extraction kits

Instrument parameters

Product name	M96 Nucleic Acid Extraction Systems
Model	M96
Sample throughput	1-96
Volume	50~1000 μL
Consumable	96-well deep plate + magnetic rod cover
Recovery	≥98%
Purification hole difference(CV)	<5%
Operation humidity	30%~80%
Operation temperature	10℃~40℃
Heating temperature	Lysis heating temperature: RT+5℃~125℃ Elution heating temperature: RT +5℃~125℃
Vibration	1-6 adjustable
Disinfection and decontamination	UV light
Reagent type	Magnetic bead nucleic acid extraction reagent
Interface	Embedded integrated touch screen operation
Program management	New, edit and delete, free and flexible editing and extraction programs
Connector	USB
Dimensions	76 cm*48 cm*57 cm
Power	200-240V~/3.4A 50/60Hz
Net weight	59kg

Order information

Cat. #	Description	Qty.
NAES-96	Nucleic Acid Extraction Systems	1EA/Box

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Innovate processing of Sample Preparation

Auto Sampler & Dispenser

High accuracy/precision repeatability /Safety protection

High accuracy

High precision

High repeatability

Safety protection

Order information

Cat. #	Description	Qty.
ASD-01	Auto Sampler & Dispenser	1EA/Box

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Sufficient release samples from swabs

Sample Mixing Helper

Multifunctional Vortexer

Product Highlights:

- 2500 r/min, sufficient release samples from swabs
- Optional intermittent pulse blending mode, suitable for various samples
- Timing settings available, no need for manual guarding
- Double immobilization, long time mixing without displacement
- Matching Various specifications of centrifuge tube racks

Technical Parameter:

Parameter \ Part No.	BCM2500
Speed Range	500 ~ 2500 rpm
Accuracy of speed	±1 rpm
Amplitude	3.6 mm
Timer Range	0s ~ 99 H 59 M
Interval pause timing range	1 ~ 99 S
Interval operation timing range	1~ 999 S
Maximum Loading Capacity	4.5 kg
Input power	AC 100 ~ 230 V, 50/60 Hz
Capacity	75 W
Size (L x W x H)	426x246x474 mm

Order information

Cat. #	Description	Qty.
BCM2500	Multifunctional Vortexer	1/Box

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