



**biocomma**

Better Filter & Better Sample Prep



# COVID-19 Sampling and Extraction Solution

Efficient sampling and accurate extraction

**BIOCOMMA LIMITED**  
[www.biocomma.com](http://www.biocomma.com)

# Company profile

Biocomma Limited, founded in 2006, is a leading manufacturer of sample preparation, sample filtration and sample collection products, based on its three technology platforms of porous plastic filters, separation materials and precision injection molding. Biocomma is ISO9001:2015 certified and a National High and New Tech Enterprise.

Biocomma owns two subsidiaries, one R & D center and three manufacturing facilities supplying more than 1,500 products. For the past thirteen years, we have served over 4,000 customers and provided OEM and customization services for dozens of well-known brands around the world.





# Virus Transport and Preservation Medium



Classic

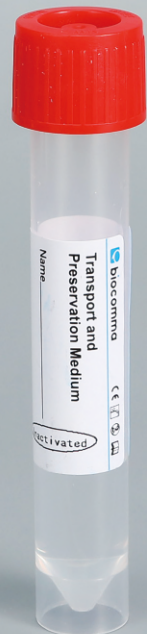
## Classic formula:

Suitable for virus culture, molecular biological detection, immunological detection.

## COVID-19 Sampling

## Improved formula:

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



Inactivated

### Order Information:

Cat.#	Description	Qty.
YVJ-TE	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-TE	1* inactivated virus sampling tube (10 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

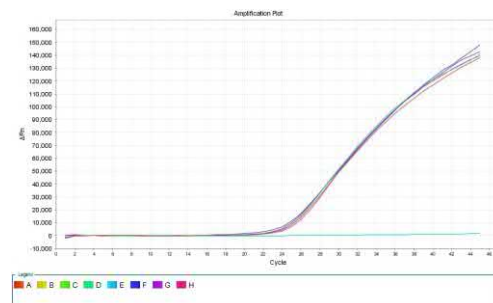
# Virus DNA/ RNA Extraction Kit

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



## Typical application 1:

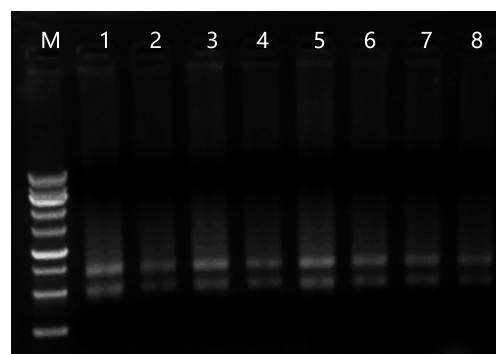
Virus DNA was extracted from African swine fever virus (ASFV) positive serum using a pre-packed viral DNA/RNA extraction kit (Cat. No.: BNP027-2E). The results of qRT-PCR are shown below:



## 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.: MNP027-1E) 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 inactivated transport medium after 0 days of storage  
Lane5-6: RNA from classic shipping medium after 3 days of storage  
Lane7-8: RNA from inactivated transport medium after 3 days of storage



## Order Information:

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



*Innovate processing of Sample Preparation*



## Auto Sampler & Dispenser

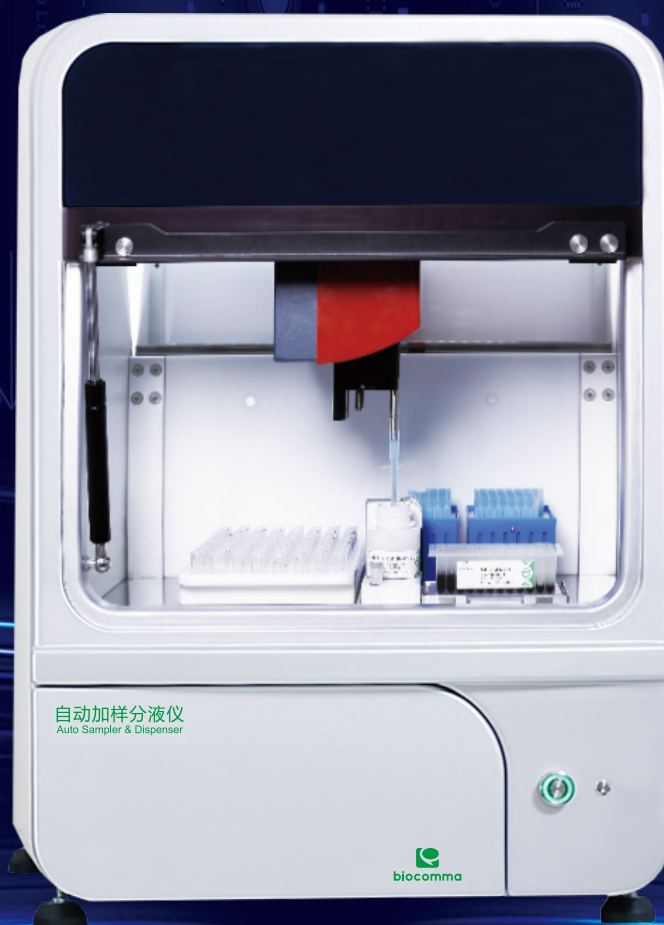
High accuracy/precision repeatability /Safety protection

High  
accuracy

High  
precision

High  
repeatability

Safety  
protection



### Order information

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

# 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 $\mu$ L
Consumable	96-well deep plate + magnetic rod cover
Recovery	$\geq 95\%$
Purification hole difference(CV)	$< 3\%$
Operation humidity	10%~90%
Operation temperature	10°C~40°C
Heating temperature	Lysis heating temperature: RT+5°C~125°C Elution heating temperature: RT +5°C~125°C
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/220V, 50Hz/60Hz, 750W
Net weight	25 Kg

### Order information

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



# 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 $\mu$ L
Consumable	96-well deep plate + magnetic rod cover
Recovery	$\geq 98\%$
Purification hole difference(CV)	$< 5\%$
Operation humidity	30%~80%
Operation temperature	10°C~40°C
Heating temperature	Lysis heating temperature: RT+5°C~125°C Elution heating temperature: RT +5°C~125°C
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



## Multifunctional Vortexer

# Sufficient release samples from swabs Sample Mixing Helper

### 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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