



Minimum 32
9 mins Samples

Perform 16/32 samples
extraction in approximately 9 mins



AUTOMATED NUCLEIC ACID EXTRACTOR |

MGISP-NE32



To Develop and Promote Advanced Life
Science Tools for Future Healthcare

MGI Tech Co., Ltd

MGISP-NE32

MGISP-NE32 is an automated nucleic acid extractor adopting magnetic rod technology. Together with nucleic acid extraction kit, MGISP-NE32 is able to extract and purify nucleic acid from 16/32 samples in approximately 9 mins.

Technical Principle

The nucleic acid extraction and purification is performed in four automated steps – lysis, binding, washing and elution. Using magnetic rods and disposable tips, MGISP-NE32 is intended for automated moving and processing of magnetic particles in a 96-well plate.



8-inch Built-in Touch Screen

Create, edit and delete program

Reagent and Consumable

96-well pre-packed plate
Disposable tip

Flexible

- Adjustable mixing module with multiple modes & gears, compatible with different magnetic particles and reagents.

Efficient

- Moving and processing magnetic particles, extracting and purifying nucleic acid from 16/32 samples in approximately 9 mins.

Safe

- UV lamp, 96-well pre-packed plate and disposable tip, avoiding cross-contamination by minimizing contact with sample.

Stable

- Specially designed heating block for 96-well plate, ensuring even heating during the experiment.



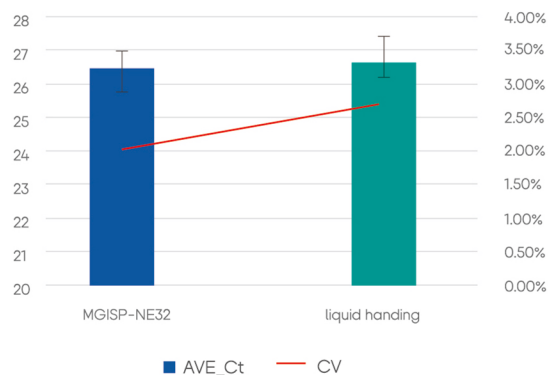
Temperature Control Module

Temperature Control, Lysis/Elution well	From +5°C above ambient temperature to 120°C
Temperature Precision	≤±1°C

Mixing Module

Adjustable mixing module with multiple modes & gears

Performance



Test method

MGISP-NE32 VS Liquid handling method

Evaluation standard

RT-PCR

Test samples

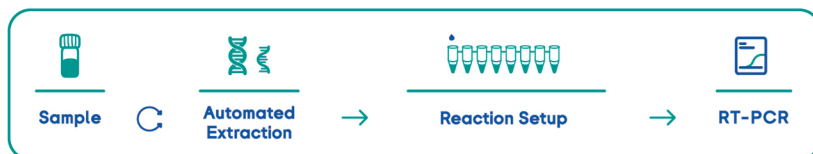
Simulated samples of throat swab containing novel corona virus (RNA), dilute them in different concentrations

Test results

Ct value of fluorescent quantitative PCR is almost equal, that demonstrated the yield of virus RNA is coincident between MGISP-NE32 and liquid handling method. Meanwhile, the reproducibility is great, the CV of Ct value is less than 2.5%.

ONE-STOP SOLUTION

Provide instrument, consumables and kits for extraction



MGISP-NE32

- Automated Nucleic Acid Extractor
- Automated extraction step
- Moving and processing magnetic particles
- Nucleic acid extraction from 16/32 samples in approximately 9 mins.



Nucleic Acid Extraction Kit

- 96-well pre-packed plate
- Good extraction stability and reproducibility
- Compatible with Automated Nucleic Acid Extractor
- Adapted to most downstream applications: PCR, RT-PCR, Sequencing, etc.

MGISP-NE32

Automated Nucleic Acid Extractor

Perform 16/32 samples extraction in approximately 9 mins

ORDER INFORMATION

Equipment

Cat. No.	Product name	Specification
950-000020-00	MGISP-NE32RS Automated Nucleic Acid Extractor	EA, CE RUO
950-000013-00	MGISP-NE32 Automated Nucleic Acid Extractor	EA, CE IVD

Reagent

Cat. No.	Product name	Specification	Feature
1000023774	MGEasy Nucleic Acid Extraction Kit (OP02-32)	32 preps, CE RUO	35 mins, Standard Version
1000023938	MGEasy Nucleic Acid Extraction Kit (VDR03P-32)	32 preps, CE RUO	9 mins, Fast Version

CONTACT US

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