

# For Seamless Extractions



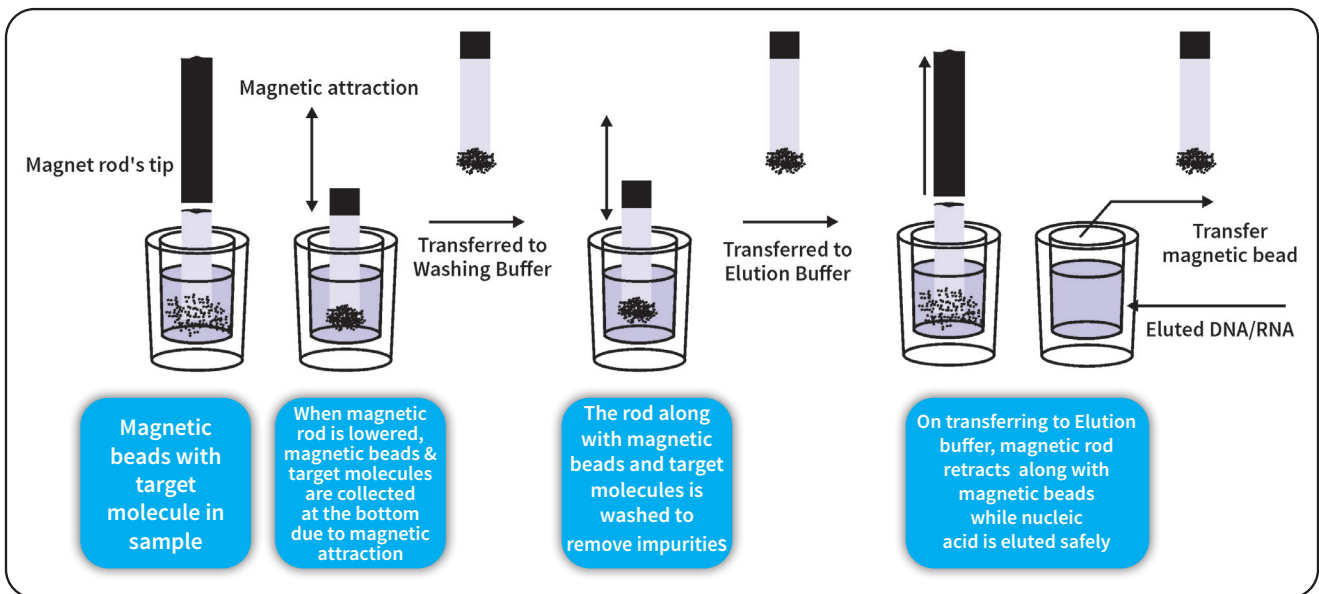
HiMediaLaboratories™  
himedialabs.com

**HIMEDIA**®  
For Life is Precious

## A standard run on Insta NX® Mag Series:



### Principle:



### Our Strength :



#### Consistent

Supported by Magnetic bead technology, with Insta NX® Mag, user can obtain consistent results with every run.



#### Best

Modern technology with compact design and style certainly makes it best for use



#### Quick

Pre-programmed protocols to complete extraction in 11 to 30 minutes.



#### Convenient

Simple operation and set up reduces requirement of skilled expertise and makes it highly convenient for use.



#### Versatile

Being an open system, these instruments have enormous applications and serve the purpose in any kind of molecular biology laboratory.

**Product Intended Use** – The Insta NX® Mag 32 and Insta NX® Mag 96 are intended for use in combination with Extractions Kits to perform Automated Purification of Nucleic Acids. The nucleic acids purified using these instruments are suitable for direct downstream analysis by standard amplification methods.

# Insta NX<sup>®</sup> Mag32 Automated Nucleic Acid Extractor

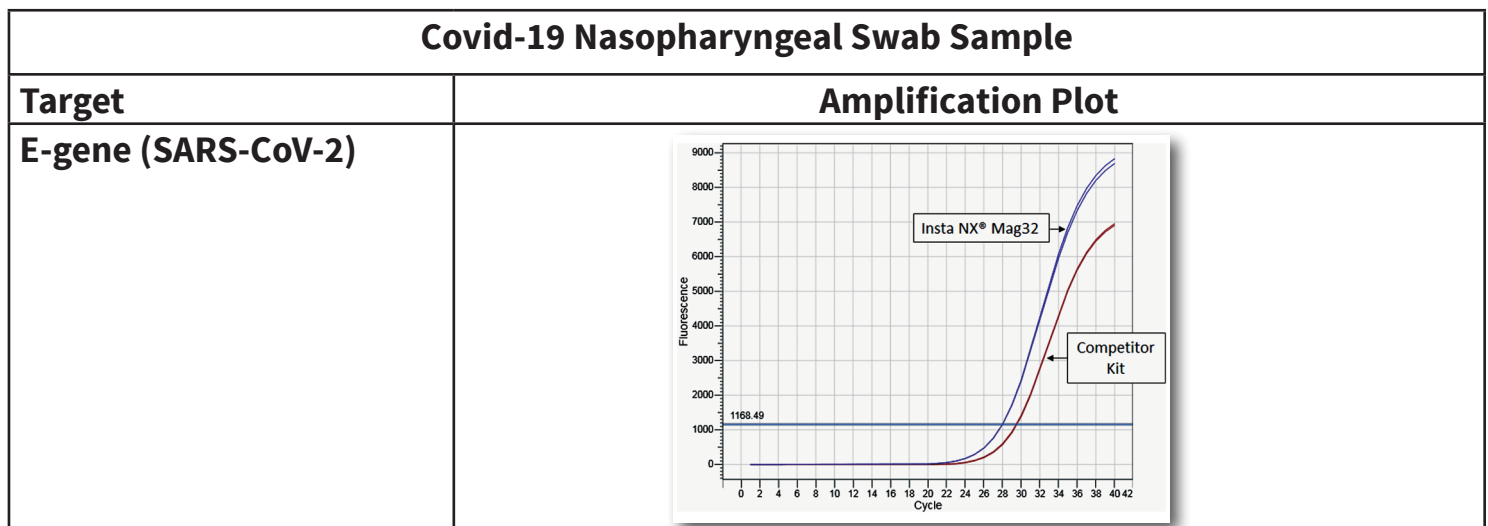
## Description

Insta NX<sup>®</sup> Mag32 Automated Nucleic Acid Extractor is a modern bench top magnetic bead based system for DNA and RNA purification from a wide range of samples. With built-in magnetic rods to transfer particles through the entire process of purification starting from binding, mixing and washing to elution, it reduces manual intervention to a bare minimum. This hassle-free extraction system helps one to obtain fine quality ultra-pure DNA and RNA that can be directly used for further downstream processing.

## Features

1. Large 7” touch screen for ease of operation
2. Quick extraction protocols, 13~40 minutes / cycle depending on the sample type and method
3. Pre-installed programs for effortless extraction of nucleic acid
4. In-built sterilization with UV lamp to avoid contamination
5. Compact and closed design to prevent any possible injuries
6. Capable of processing upto 32 samples per run with initial sample volume upto 400µl.

## Sample Data



Data	<b>Average Ct values</b>
	E gene
Insta NX <sup>®</sup> Mag32	28.0
Competitor Kit	29.5

## Kits for Insta NX<sup>®</sup> Mag32


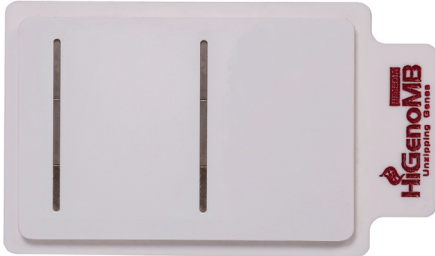

### COVID Kits

Name	Code
HiPurA <sup>®</sup> Viral RNA Purification Kit (Magnetic Bead Based)	MB615M
HiPurA <sup>®</sup> Pre-Filled plates for Insta NX <sup>®</sup> Mag32	MB615MPF-32
HiPurA <sup>®</sup> Pre-Filled plates for Insta NX <sup>®</sup> Mag32	MB615MPF32200
HiPurA <sup>®</sup> Pre- filled Plates for Insta NX <sup>®</sup> Mag32	MB615NB32200
HiPurA <sup>®</sup> Super 11 Pre- filled Plates for Insta NX <sup>®</sup> Mag32	MB615MPF3211
HiPurA <sup>®</sup> Viral RNA Automated Extraction Combi Kit	MB615MAC-32

### NON-COVID Kits

HiPurA <sup>®</sup> Multi sample Pre-Filled plates for Insta NX <sup>®</sup> Mag32	MB554MPF32200
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## Accessories for Insta NX<sup>®</sup> Mag32

Name	Code	
Magnetic Rods Tip for Insta NX <sup>®</sup> Mag32	LA1096A	
16 well Magnetic Pad	LA1107	
96 DeepWell Plate for Insta NX <sup>®</sup> Mag32	LA1096B	

# Insta NX<sup>®</sup> Mag96 Automated Nucleic Acid Extractor

## Description

Insta NX<sup>®</sup> Mag96 Automated Nucleic Acid Extractor System adopts magnetic bead separation technology for purification of DNA and RNA from samples. This instrument is capable of processing samples from 1-96 on a 96 well plate thus enabling high-throughput extraction of nucleic acids. It allows extraction of high quality nucleic acids with minimum human intervention in 11-30minutes.

## Features

- **Simple, intelligent operation**
  - Built-in lighting LED lights to monitor the running status of the instrument in real time.
  - Easy access to working platform, which is convenient for reagent optimization and observation.
  - Intelligent operation with self-inspection, power protection function.
  - 8-plate position automatic identification design. No manual adjustment required.
- **Cross contamination control**
  - Drip-proof plate design with software controlled magnetic beads drying mode, to prevent spillage during the run.
  - Disposable consumables can eliminate the cross contamination between samples and batches.
  - It has built-in UV light for sterilization of the internal part of the machine.

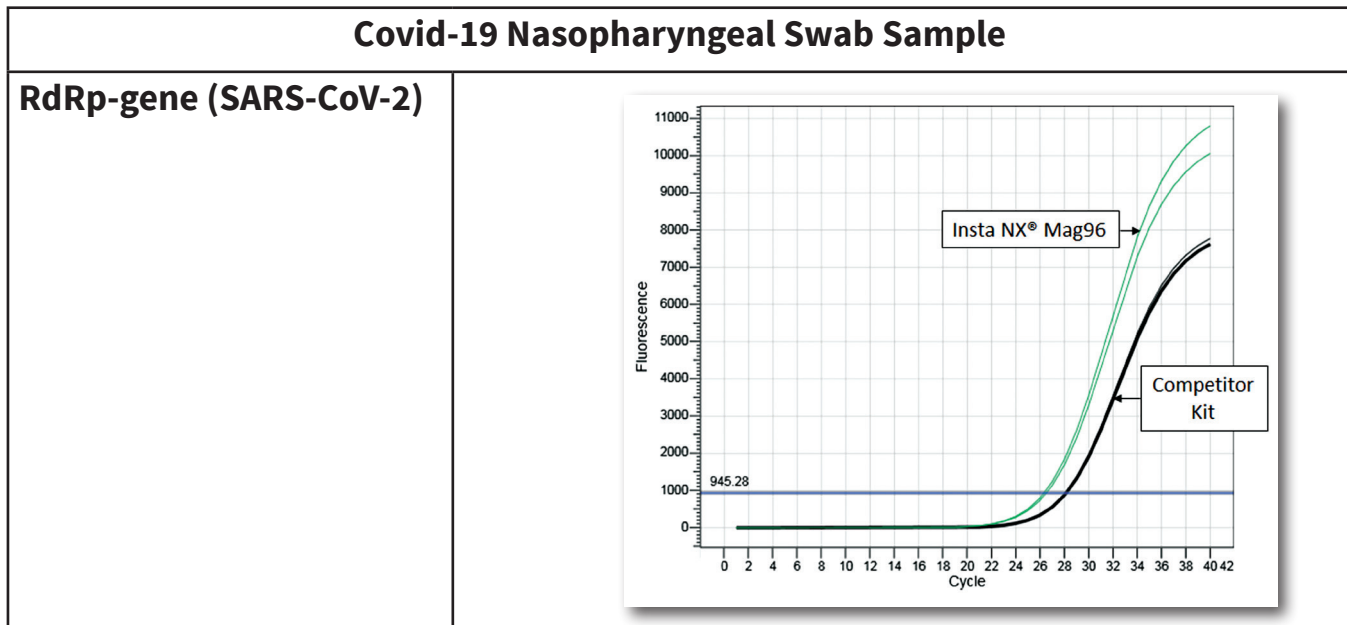
- **Intuitive and Flexible Interphase**

- Room temperature + 5 ° ~120 ° , accurate temperature control.
- The software has complete functions and is suitable for all kinds of magnetic bead reagents.
- Diverse binding and magnetic absorption modes, which is conducive to reagent optimization

- **Reliable structure and stable operation**

- Insta NX® Mag96 adopts lead screw drive to realize lifting movement with high precision.
- Structure design with center rotary table which makes it occupy less area.
- Design for automatic loading and unloading structure of magnetic rod tip comb, which guarantee stability and liability. (Success rate>99.99%)

## Sample Data







Data	Average Ct values
	RdRp gene
Insta NX® Mag96	26.2
Competitor Kit	28.1

## Kits for Insta NX<sup>®</sup> Mag96

COVID Kits	
Name	Code
HiPurA <sup>®</sup> Pre- filled Plates for Insta NX <sup>®</sup> Mag96	MB615MPF-96
HiPurA <sup>®</sup> Pre- filled Plates for Insta NX <sup>®</sup> Mag96	MB615MPF96-200
HiPurA <sup>®</sup> Super 11 Pre-Filled Plates for Insta NX <sup>®</sup> Mag96	MB615MPF9611
HiPurA <sup>®</sup> Viral RNA Automated Extraction Combi Kit	MB615MAC-96
NON-COVID Kits	
HiPurA <sup>®</sup> Multi sample Pre-Filled plates for Insta NX <sup>®</sup> Mag96	MB554MPF96-200

## Accessories for Insta NX<sup>®</sup> Mag96

Name	Code	
Magnetic Tip Comb for Insta NX <sup>®</sup> MAG96	<b>LA1097A</b>	
96 DeepWell Plate for Insta NX <sup>®</sup> Mag96	<b>LA1097B</b>	
96 Elution Plate for Insta NX <sup>®</sup> Mag96	<b>LA1097C</b>	
96 Well Magnetic Pads	<b>LA1108</b>	

Specifications		
Product Name	Insta NX® Mag96	InstaNX® Mag32
Product Code	LA1097	LA1096
Sample Capacity	1~96	1~32
Process volume	50 to 1000µl	
Sample Volume Range	25 to 400µl	
Elution Volume	30µl	
Consumables	96 Deep well plate + 96 magnetic rod's tip	96 Deep well plate + 8 Well Magnetic rod's tip
Working principle	Magnetic beads method	
Magnetic Rod	4200 gauss	
Purification accuracy	100 copy sample positive rate > 95%	
Stability	CV<5%	
Magnetic beads recycling rate	>95%	
Temperature Range	Room temperature to 120°C	
Lysis temperature	Room temperature to 120°C	
Elution temperature	Room temperature to 120°C	
Mixing	Mixing ways can be editable	
Operation interface	7-inch touch screen, 3 shortcut buttons and mouse is available	
Built-in protocol	8 groups of preset protocols, 100 groups of protocols can be stored	
Protocol management	New, Edit, Delete, Save as Template, Create.	
Expansion interface	Standard USB, Ethernet port and RS 232 available	
Lighting	Yes	
Sterilization	UV light	
Exhaust way	By Fan	
Data storage	Available, with built-in SD card	
Max. input power	300W	450W
Dimension	560mm × 620mm × 500mm	400mm × 470mm × 450mm
Weight	54Kg	25Kg
Certification	<b>CE, IVD</b>	
Accessories	UPS will be provided as per requirement	

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