

For Seamless Extractions



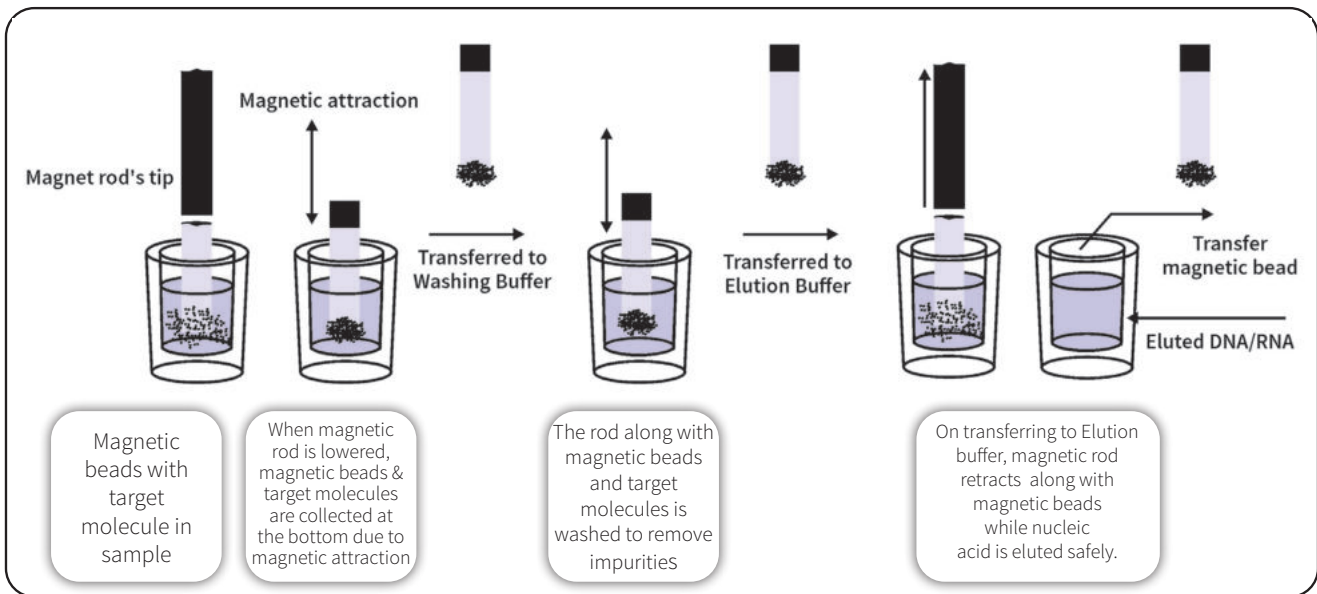
HiMediaLaboratories™
himedialabs.com

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 30 to 60 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.

Insta NX[®] Mag32 Automated Nucleic Acid Extractor

Description

Insta NX[®] 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, 15~40 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 600µl.

Accessories for Insta NX[®] Mag32 Automated Nucleic Acid Extractor (LA1096)



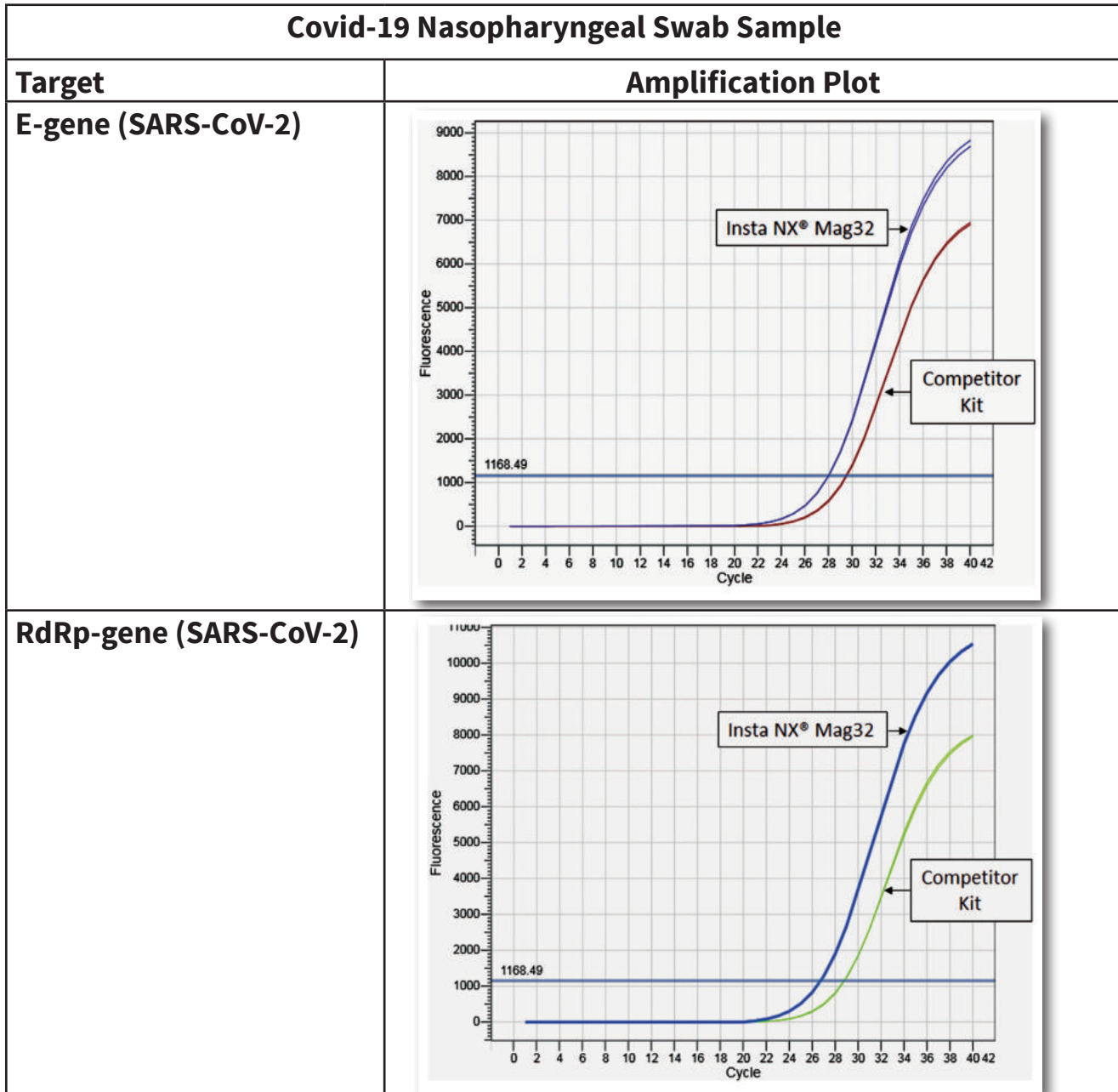
LA1096A
Magnetic Rods Tip
for Insta NX[®] Mag32



LA1096B
96 DeepWell Plate
for Insta NX[®] Mag32

Cat no	Product	Pack size
LA1096A	Magnetic Rods Tip for Insta NX [®] Mag32	4 nos
		40 nos
LA1096B	96 DeepWell Plate for Insta NX [®] Mag32	2 nos
		20 nos

Sample Data



Sample	Ct value of E-gene	Ct value of RdRp gene
Positive control	24.5	27.2
	24.2	27.2
Negative control	Not Applicable	Not Applicable

Insta NX[®] Mag96 Automated Nucleic Acid Extractor

Description

Insta NX[®] 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 30-60minutes.

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.

- **Open software design, software can be edited freely**
 - Room temperature + 5 ° ~120 ° , accurate temperature control.
 - Open Systems - which enable the user to decide the choice of reagents & kits to be run.
 - 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%)

Accessories for Insta NX® Mag96 Automated Nucleic Acid Extractor (LA1097)



LA1097A
Magnetic Tip Comb for
Insta NX® MAg96

LA1097B
96 DeepWell Plate
for Insta NX® Mag96

LA1097C
96 Elution Plate for
Insta NX® Mag96

Cat no	Product	Pack size
LA1097A	Magnetic Tip Comb for Insta NX® MAg96	1 nos
		10 nos
LA1097B	96 DeepWell Plate for Insta NX® Mag96	4 nos
		40 nos
LA1097C	96 Elution Plate for Insta NX® Mag96	1 nos
		10 nos

Sample Data

Covid-19 Nasopharyngeal Swab Sample	
Target	Amplification Plot
E-gene (SARS-CoV-2)	
RdRp-gene (SARS-CoV-2)	

Sample	Ct value of E-gene	Ct value of RdRp gene
Positive control	19.4	25.9
	19.9	25.2
Negative control	Not Applicable	Not Applicable

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.

Specifications		
Product Name	Insta NX® Mag96	InstaNX® Mag32
Product Code	LA1097	LA1096
Sample Capacity	1~96	1~32
Process volume	200~600µl	
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	
Purification accuracy	100 copy sample positive rate > 95%	
Stability	CV<5%	
Magnetic beads recycling rate	>95%	
Lysis temp	Ambient temperature ~120°C	
Elution temp	Ambient temperature ~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



HiMedia Laboratories Pvt. Ltd.

www.himedialabs.com

- CORPORATE OFFICE -

A-516, Swastik Disha Business Park, Via Vadhani Indl. Est. LBS Marg, Mumbai - 400 086, India.

Phone : 00-91-22-6147 1919 / 2500 3747 | Fax : 00-91-22-6147 1920 / 2500 5764 | Email : mb@himedialabs.com | biomedical@himedialabs.com

