

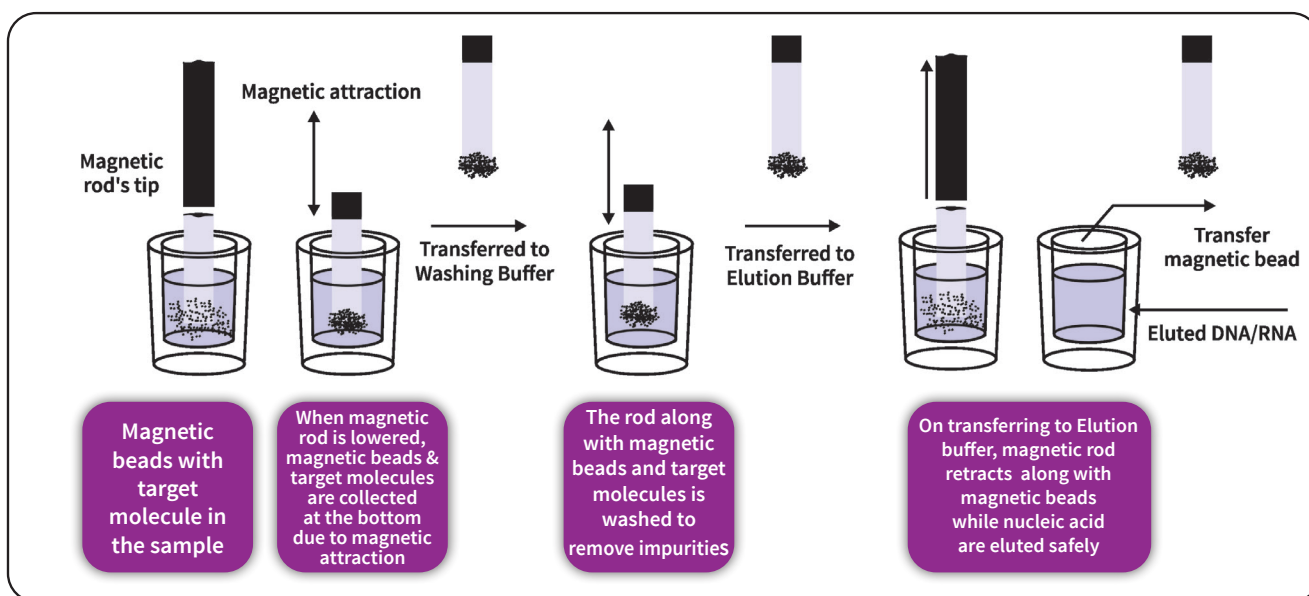
InstaNX[®] Mag-32

For Seamless Extractions

A standard run on Insta NX® Mag Series:



Principle:



Our Strength :



Consistent

Supported by Magnetic bead technology, with Insta NX® Mag series, 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 9 to 50 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® Mag32 is 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® Mag32 Automated Nucleic Acid Extractor

Description

Insta NX® Mag32 Automated Nucleic Acid Extractor is a modern bench top magnetic bead based system for **DNA/RNA/Protein (Recombinant) 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/RNA/Protein (Recombinant) purification** that can be directly used for further downstream processing.

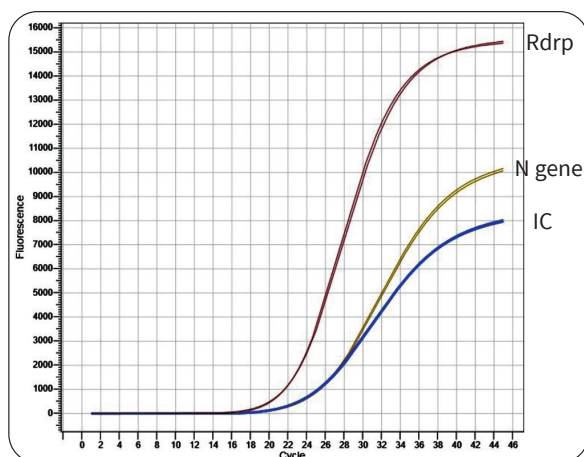
Features

- Large 7" touch screen for ease of operation
- Quick extraction protocols, 9~50 minutes / cycle depending on the sample type and method
- Pre-installed programs for effortless extraction of nucleic acid
- In-built sterilization with UV lamp to avoid contamination
- Compact and closed design to prevent any possible injuries
- Capable of processing Single sample to 32 samples with initial sample volume upto 800µl.

Sample Data

COVID-19 Diagnostics

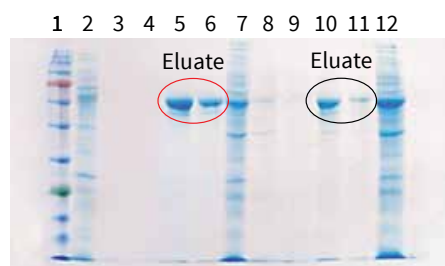
Covid detection using Insta NX® Mag32 & MBPCR255



Target Gene	Ct Value
Rdrp	23.33
N gene	26.12
IC	25.08

Crude Lysate containing HIS-tagged protein with a molecular weight of approx. 70kDA purified using Ni-NTA beads

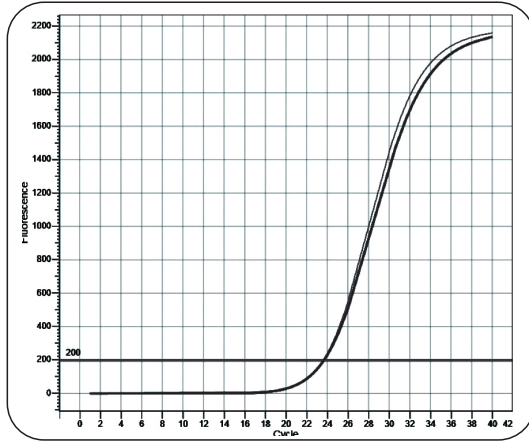
HiMedia's HiPurA® Ni-NTA magnetic beads Competitor T's Ni-NTA magnetic beads



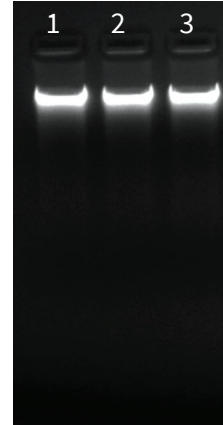
Well no.	Sample	Volume
1	Ladder	5 µl
2 & 7	Flow through	10 µl
3 & 8	Wash 1	10 µl
4 & 9	Wash 2	10 µl
5 & 10	Eluate 1	10 µl
6 & 11	Eluate 2	10 µl
12	Crude	10 µl

Clinical Diagnostics

Blood DNA purification data - MB583MPF32200 with Insta NX® Mag32

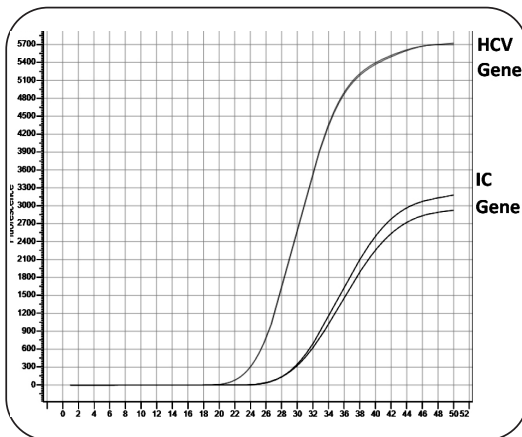


Target Gene	Insta NX® Mag32® (Ct)
RPPH1 gene	24.67
	24.43



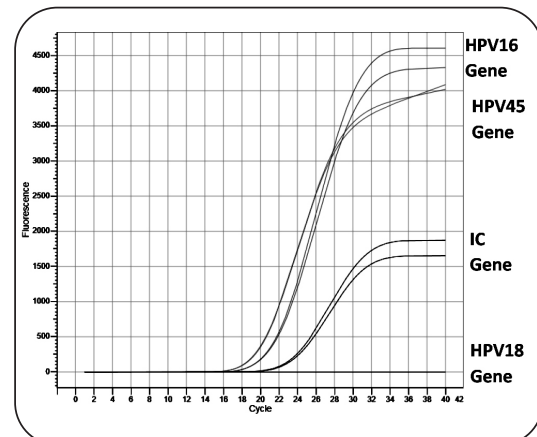
Lanes	Yield (ng/μl)	Purity (A ₂₆₀ /A ₂₈₀)
1	19.40	1.76
2	18.20	1.86
3	18.55	1.80

HCV Sample data - MB582MPF-32 with Insta NX® Mag32











Target Gene	Insta NX® Mag32® (Ct)
HCV	25.39
IC	26.83

HPV Sample data - MB582MPF-32 with Insta NX® Mag32

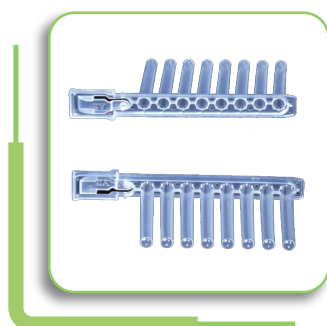


Target Gene	Insta NX® Mag32® (Ct)
HPV 16	21.86
HPV18	--
HPV45	20.34
IC	26.46

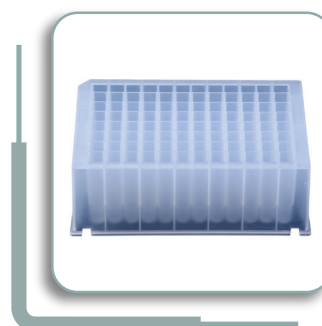
Kits for Insta NX[®] Mag32

RNA Kits	Code	
HiPurA [®] Viral RNA Purification Kit (Magnetic Bead Based)	MB615M	
HiPurA [®] Pre-Filled plates for Insta NX [®] Mag32	MB615MPF-32	CE 
HiPurA [®] Pre-Filled plates for Insta NX [®] Mag32	MB615MPF32200	CE 
HiPurA [®] Pre- filled Plates for Insta NX [®] Mag32	MB615NB32200	CE 
HiPurA [®] Super 11 Pre- filled Plates for Insta NX [®] Mag32	MB615MPF3211	CE 
HiPurA [®] Viral RNA Automated Extraction Combi Kit	MB615MAC-32	CE 
DNA Kits		
HiPurA [®] Multi sample Pre-Filled Plates for Insta NX [®] Mag32	MB554MPF32200	
DNA/RNA/Protein (Recombinant) purification Kits		
HiPurA [®] Pre-Filled plates for Viral Nucleic Acid Purification	MB582MPF-32	CE 
HiPurA [®] Viral Nucleic Acid Purification Kit (Magnetic Bead Based)	MB582M	
HiPurA [®] Pre-Filled Clinical Multi Purpose Nucleic Acid Purification Kits	MB583MPF32200	CE 
HiPurA [®] Clinical Multi Purpose Nucleic Acid Purification Kits	MB583M	
HiPurA [®] Mag32 HIS-tagged Protein Purification Kit (Magnetic Bead Based)	MBPP003M	

Accessories for Insta NX[®] Mag32



Magnetic Rods Tip
LA1096A



96 Deep Well Plate
LA1096B



16 well Magnetic
Pad - LA1107



Cartridge Holder
LA1118CH

Specifications

Product Name	InstaNX® Mag32
Product Code	LA1096
Sample Capacity	1~32
Process volume	50 to 1000µl
Sample Volume Range	25 to 800µl
Elution Volume	25 to 100µl
Consumables	96 Deep well plate + 8 Well Magnetic rod's tip
Working principle	Magnetic beads based 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	Protocols can be created, edited, deleted or save as templates
Expansion interface	Standard USB, Ethernet port and RS 232 available
Lighting	Yes
Sterilization	UV light
Exhaust way	By Exhaust Fan
Data storage	Available
Max. input power	100-240V, 50-60Hz, 450W
Dimension	400mm × 470mm × 450mm
Weight	25Kg
Certification	CE, IVD Approved

HiMedia Laboratories Pvt. Ltd.

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- CORPORATE OFFICE -



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