

**MB583MPF96200 HiPurA® Pre- filled Clinical Multi- purpose Nucleic Acid Purification Kit (Insta NX® Mag96)**

**Kit Contents**

Product Code	Reagents provided	MB583MPF96200
		5 NO
PF2	Plate 2	5 no
PF5	Plate 5	5 no
PF6	Plate 6	5 no
PF7	Plate 7	5 no
PF8B	Elution Plate	5 no
LA1097A	Magnetic Tip Comb for Insta NX® Mag96	5 no
DS1005A	Magnetic Beads	10 ml
DS0003	RNase A Solution (20mg/ml)	10 ml
DS0013	Proteinase K	10 ml
DS0040	Elution Buffer (ET) [ 10mM Tris-Cl, pH8.5]	26 ml
DS0015	Lysis Solution (AL)	90 ml

**Intended Use**

Recommended for isolation of nucleic acid from various samples like human/ animal blood, plasma, serum, saliva, buccal swabs, buffy coat, cells, urine, paraffin embedded tissue, tissue, nasopharyngeal swab, oropharyngeal swab in Viral Transport Medium.

**Introduction**

HiPurA® Pre- filled Clinical Multi- purpose Nucleic Acid Purification Kit provides the fastest and easiest way to purify nucleic acids for reliable use in amplification technologies. HiPurA® Pre- filled Clinical Multi- purpose Nucleic Acid Purification Kit can be used for isolation of nucleic acids from a wide variety of samples, but the performance may vary depending on the sample type.

**HiPurA® Pre- filled Clinical Multi- purpose Nucleic Acid Purification Kit**

This kit carries out efficient extraction of nucleic acids from wide range of samples. Sample is first lysed under the highly denaturing conditions provided by Lysis Solution to inactivate DNases and to ensure isolation of intact nucleic acids. The nucleic acids purification procedure comprises of three steps viz. adsorption of nucleic acids to the magnetic beads, removal of residual contaminants and elution of pure nucleic acids. The magnetic beads have a high binding capacity and high-quality nucleic acids is obtained from various species. The nucleic acids obtained is compatible with downstream applications such as restriction enzyme digestion, PCR and Southern blotting.

**Registered Office**

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## Elution

The yield of nucleic acids depends on the sample type and the number of cells in the sample. A single elution with Elution Solution will provide sufficient nucleic acids to carry out multiple amplification reactions.

## Storage

HiPurA® Pre- filled Clinical Multi- purpose Nucleic Acid Purification Kit can be stored at room temperature (15-25°C) for up to 2 years without showing any reduction in performance. We advise a certain storage temperature for the reagents listed below:

- **On receipt store RNase A (DS0003): at 2-8°C.**
- **On receipt store Proteinase K (DS0013): at -20°C.**
- **On receipt store Magnetic Beads (DS1005A): at 2-8°C.**

## Materials needed but not provided

- 55°C water bath or heating block (For Tissue Preparation)
- Tabletop Microcentrifuge (with rotor for 2.0 ml tubes)
- Ethanol (96 - 100%)
- 1X PBS (Product Code: ML116)
- Insta NX® Mag96 (Product Code: LA1097)
- Vortex
- Salivol (Product Code: LA1092)
- Polypropylene sealing film (Product Code: PR21)
- HiPer® Lock Microcentrifuge Tube, 2.0ml (MBLA017)
- Shaking water bath
- Sterile foam Tipped Swab (Product Code: PW1174)
- Trypsin (Product Code: TC598)
- 0.5M EDTA (pH8.0) [Product Code: ML014]

## General Preparation Instructions

1. Preheat a water bath or heating block to 55°C.  
(For Tissue preparation)
2. **Thoroughly mix reagents**  
Examine the reagents for precipitation. If any kit reagent forms a precipitate (other than enzymes), warm at 55-65°C until the precipitate dissolves and allow cooling to room temperature (15-25°C) before use.
3. Ensure that clean & dry Nuclease-free tubes and tips are used for the procedure.
4. Vortex magnetic beads before use.

## RNase A enzyme treatment

RNase A is a type of RNase that is commonly used in research. RNase A (e.g., bovine pancreatic ribonuclease A) is one of the sturdiest enzymes in common laboratory usage. It cleaves 3' end of unpaired C and U residues.

#### Unit Definition for RNase A

One unit of the enzyme causes an increase in absorbance of 1.0 at 260 nm when yeast RNA is hydrolyzed at 37°C and pH 5.0. Fifty units are approximately equivalent to 1 Kunitz unit. It is completely free of DNases and proteases. The specific activity is 90 U/mg.

The product as supplied is stable at room temperature (15-25°C).

#### Specimen Handling and Collection

Collect cells, tissues, blood sample, serum, plasma in a sterile container and freeze the sample at -20°C for short term storage or -80°C for long term storage. Collect whole blood in an anticoagulant tube (an EDTA tube is preferred) under sterile conditions (if to be used for future) and store the samples at 2-8°C for short term storage or -20°C for long term storage.

Incubate cells, tissues, blood sample, serum, plasma samples on ice for complete thaw. Ensure that the samples are at room temperature (15-25°C) before beginning the protocol.

Collect the buccal/gargled sample with the help of a swab and store the samples at 2-8°C for short term storage or -20°C for long term storage. Incubate the samples on ice for complete thaw. Ensure that the samples are at room temperature (15-25°C) before beginning the protocol.

After use, contaminated material must be sterilized by autoclaving before discarding.

#### Type of Specimens

Clinical samples: human tissue, blood, cells, serum, plasma, saliva, buccal swabs, buffy coat, urine, paraffin embedded tissue, nasopharyngeal swab, oropharyngeal swab in Viral Transport Medium.

#### Procedure

### Tissue/ Cells

#### Tissue Preparation

##### 1. Prepare tissue

Weigh a piece of fresh or frozen tissue and mince quickly or grind properly using a mortar and pestle in liquid nitrogen to a fine powder. Allow the liquid nitrogen to evaporate. DO NOT ALLOW THE SAMPLE TO THAW COMPLETELY (keep samples on ice if needed).

If frozen tissue is used, allow it to thaw slightly before slicing but keep on ice in order to protect degradation. Cut the tissue into small pieces as it enables more efficient lysis. Up to 25mg of tissue (or 10 mg of spleen, due to the high number of cells per given mass) may be used per preparation. Transfer to a capped 2.0 ml collection tube (not provided) and continue to step 2 of Tissue Preparation.

**NOTE:** Tissue can be harvested, by aliquoting in 2.0 ml collection tubes and flash freezing in liquid nitrogen; these can be stored at -70°C for several months before preparing for Nucleic Acid extraction.

##### 2. Digest tissue


Add 180µl of Lysis Solution (AL) (DS0015) and 20 µl of the Proteinase K (DS0013) to the tissue. Mix by vortexing. Incubate the sample at 55°C until the tissue is completely digested with no particles remaining. Mix by vortexing occasionally or use a shaking water bath. Digestion is usually complete in 2 to 4 hours. Vortex briefly after digestion is completed. **This will be your pre- processed sample.**

## Cultured Cell Preparation

### 1. Harvest cells

- **Attached cell cultures:** The cells can be detached using trypsin. Centrifuge upto  $5 \times 10^6$  cells for 5 minutes at  $300 \times g$  ( $\approx 1500$  rpm). Discard the culture medium and continue with step 2 of Cultured Cell Preparation.
  - **Suspension cell cultures:** Centrifuge upto  $5 \times 10^6$  cells for 5 minutes at  $300 \times g$  [ $\approx 1500$  rpm]. Discard the culture medium completely and continue with step 2 of Cultured Cell Preparation.
2. Resuspend the pellet obtained from step 1 of Cultured Cell Preparation, in capped 2ml centrifuge tube (not provided) add 200 $\mu$ l of Resuspension Solution (1X PBS) (ML116) (not provided) and mix thoroughly. If previously frozen, allow the cell pellet to thaw slightly before resuspending. Add 20 $\mu$ l Proteinase K (DS0013). **This will be your pre- processed sample.**

### Set up processing plates as follows:

1. Switch on the UV light for 10 minutes prior to use.
2. Select “MB554Tissue” program.
3. Click on the **flower icon**  on the right corner of the screen.
4. Add **50 $\mu$ l of Elution Buffer (ET)** [10mM Tris-Cl, pH8.5] (DS0040) into each well of **Elution plate (PF8B)**.
5. Remove the seal from the **Plate 2 (PF2)**.

**NOTE: Take care while peeling off the seal. Hold the plate firmly by one hand and then peel off the seal by holding it in your other hand without shaking the plate.**

6. Add 180-200 $\mu$ l supernatant into each well of **Plate 2 of Pre-filled Plates for Clinical Multi- purpose Purification for Insta NX<sup>®</sup> Mag96**

#### **Optional RNase A treatment**

If RNA-free genomic DNA is required, add 20 $\mu$ l of RNase A solution (20 mg/ml) (DS0003) in each well of **Plate 2 of Pre-filled Plates for Clinical Multi- purpose Purification for Insta NX<sup>®</sup> Mag96**.

7. Add 20 $\mu$ l of Magnetic Beads (DS1005A) in each well of **Plate 2 of Pre-filled Plates for Clinical Multi- purpose Nucleic Acid Purification for Insta NX<sup>®</sup> Mag96**.
8. Select plate position 2 on the screen.
9. Place the **Plate 2 (PF2)** on 2<sup>nd</sup> position onto the machine after adding the above-mentioned solutions.
10. Select plate position 5 on the screen.
11. Remove the seal from the **Plate 5 (PF5)** and place the plate on 5<sup>th</sup> position in the machine.
12. Select plate position 6 on the screen.
13. Remove the seal from the **Plate 6 (PF6)** and place the plate on 6<sup>th</sup> position in the machine.
14. Select plate position 7 on the screen.

15. Place the Plate 7 (PF7) on 7<sup>th</sup> position onto the machine.

**NOTE: The Magnetic Tip comb for Insta NX® Mag96 (LA1097A) should already be inserted in the Plate 7 (PF7).**

16. Select plate position 8 on the screen.

17. Place the filled **Elution plate (PF8B)** on 8<sup>th</sup> position onto the machine.

18. Close the door of the machine.

19. Click on the **RUN** button on the home screen.

20. After the run is complete, discard the Magnetic Tip comb for Insta NX® Mag96 (LA1097A). Remove all the 96 Deep Well Plate and Elution Plate (PF8B) from the position. Discard all 96 Deep Well Plate. The Elution Plate (PF8B) contains pure eluted nucleic acids. Seal the plate with sealing film (not provided).

**NOTE:** A small amount of magnetic beads may be observed in the final eluate at the bottom of the plate. Avoid transferring these magnetic beads to your PCR reaction mixture.

## **Saliva/ Buccal Swab**

### **Saliva Preparation**


- I. Collect saliva sample in a sterile container or Salivol (LA1092) (not provided) and proceed with step 5 for sample addition.

### **Buccal Swab Preparation**

**NOTE:** We recommend using Sterile foam Tipped Swab (Product Code: PW1174) for collection of sample from inside of cheek to ensure maximum yield

1. Place the buccal swab into a capped 2.0 ml microcentrifuge tube (not provided). Add 400 µl of 1X PBS (ML116) to the tube.
2. Centrifuge the tube at 13,000 rpm for 2 minutes. Discard the pellet and transfer the supernatant to a new collection tube (not provided). **This will be your pre- processed sample.**

### **Set up processing plates as follows:**

1. Switch on the UV light for 10 minutes prior to use.
2. Select “**MB554Saliva**” program.
3. Click on the **flower icon**  on the right corner of the screen.
4. Add **50µl of Elution Buffer (ET)** [10mM Tris-Cl, pH8.5] (DS0040) into each well of **Elution plate (PF8B)**.
5. Remove the seal from the **Plate 2 (PF2)**.

**NOTE:** Take care while peeling off the seal. Hold the plate firmly by one hand and then peel off the seal by holding it in your other hand without shaking the plate.

6. Add 20µl of Proteinase K (DS0013), **350-400µl saliva sample or pre-processed buccal sample** in each well of **Plate 2 of Pre-filled Plates for Clinical Multi-purpose Nucleic Acid Purification for Insta NX® Mag96**.

**Optional RNase A treatment**

If RNA-free genomic DNA is required, add 20µl of RNase A solution (20 mg/ml) (DS0003) in each well of **Plate 2 of Pre-filled Plates for Clinical Multi-purpose Purification for Insta NX® Mag96**.


6. Add 20µl of Magnetic Beads (DS1005A) in each well of **Plate 2 of Pre-filled Plates for Clinical Multi-purpose Nucleic Acid Purification for Insta NX® Mag96**.
7. Select plate position 2 on the screen.
8. Place the **Plate 2 (PF2)** on 2<sup>nd</sup> position onto the machine after adding the above-mentioned solutions.
9. Select plate position 5 on the screen.
10. Remove the seal from the **Plate 5 (PF5)** and place the plate on 5<sup>th</sup> position in the machine.
11. Select plate position 6 on the screen.
12. Remove the seal from the **Plate 6 (PF6)** and place the plate on 6<sup>th</sup> position in the machine.
13. Select plate position 7 on the screen.
14. Place the Plate 7 (PF7) on 7<sup>th</sup> position onto the machine.

**NOTE: The Magnetic Tip comb for Insta NX® Mag96 (LA1097A) should already be inserted in the Plate 7 (PF7).**

15. Select plate position 8 on the screen.
16. Place the filled **Elution plate (PF8B)** on 8<sup>th</sup> position onto the machine.
17. Close the door of the machine.
18. Click on the **RUN** button on the home screen.
19. After the run is complete, discard the Magnetic Tip Comb for Insta NX® Mag96 (LA1097A). Remove all the 96 Deep Well Plate and Elution Plate (PF8B) from the position. Discard all the 96 Deep Well Plate. The Elution Plate (PF8B) contains pure eluted nucleic acids. Seal the plate with sealing film (not provided).

**NOTE:** A small amount of magnetic beads may be observed in the final eluate at the bottom of the plate. Avoid transferring these magnetic beads to your PCR reaction mixture.

**Blood/ Serum/ Plasma/ Buffy coat/ Nasopharyngeal/ Oropharyngeal swab**

1. Switch on the UV light for 10 minutes prior to use.
2. Select “**MB554Blood**” program.
3. Click on the **flower icon**  on the right corner of the screen.

4. Add **50µl of Elution Buffer (ET)** [10mM Tris-Cl, pH8.5] (DS0040) into each well of **Elution plate (PF8B)**.

5. Remove the seal from the Plate 2 (PF2).

**NOTE: Take care while peeling off the seal. Hold the plate firmly by one hand and then peel off the seal by holding it in your other hand without shaking the plate.**

5. Add 20µl of Proteinase K (DS0013), **200µl sample** in each well of **Plate 2 of Pre-filled Plates for Clinical Multi-purpose Nucleic Acid Purification for Insta NX®Mag96**.

**Optional RNase A treatment**

If RNA-free genomic DNA is required, add 20µl of RNase A solution (20 mg/ml) (DS0003) in each well of **Plate 2 of Pre-filled Plates for Clinical Multi- purpose Purification for Insta NX® Mag96**.

6. Add 20µl of Magnetic Beads (DS1005A) in each well of **Plate 2 of Pre-filled Plates for Clinical Multi-purpose Nucleic Acid Purification for Insta NX® Mag96**.

7. Select plate position 2 on the screen.

8. Place the **Plate 2 (PF2)** on 2<sup>nd</sup> position onto the machine after adding the above-mentioned solutions.

9. Select plate position 5 on the screen.

10. Remove the seal from the **Plate 5 (PF5)** and place the plate on 5<sup>th</sup> position in the machine.

11. Select plate position 6 on the screen.

12. Remove the seal from the **Plate 6 (PF6)** and place the plate on 6<sup>th</sup> position in the machine.

13. Select plate position 7 on the screen.

14. Place the Plate 7 (PF7) on 7<sup>th</sup> position onto the machine.

**NOTE: The Magnetic Tip Comb for Insta NX® Mag96 (LA1097A) should already be inserted in the Plate 7 (PF7).**

15. Select plate position 8 on the screen.

16. Place the filled **Elution plate (PF8B)** on 8<sup>th</sup> position onto the machine.

17. Close the door of the machine.

18. Click on the **RUN** button on the home screen.

19. After the run is complete, discard the Magnetic Tip comb for Insta NX® Mag96 (LA1097A). Remove all the 96 Deep Well Plate and Elution Plate (PF8B) from the position. Discard all the 96 Deep Well. The Elution Plate (PF8B) contains pure eluted nucleic acids. Seal the plate with sealing film (not provided).


**NOTE: A small amount of magnetic beads may be observed in the final eluate at the bottom of the plate. Avoid transferring these magnetic beads to your PCR reaction mixture.**

## Urine

### Sample Pre-treatment procedure

- Centrifuge 5 ml of urine sample in 15ml centrifuge tube at 13,000 rpm for 5 min. Discard the supernatant. Resuspend the pellet in 500µl of 1X PBS (not provided).
- Add 30µl of 0.5M EDTA (pH 8.0) (not provided). Mix and centrifuge at 13,000 rpm for 2 min. Discard the supernatant
- Resuspend the pellet with 200µl of 1X PBS (not provided) and mix well. **This will be your pre-processed sample.**

### **Set up processing plates as follows:**

1. Switch on the UV light for 10 minutes prior to use.
2. Select “**MB554Tissue**” program.
3. Click on the **flower icon**  on the right corner of the screen.
4. Add **50µl of Elution Buffer (ET)** [10mM Tris-Cl, pH8.5] (DS0040) into each well of **Elution plate (PF8B)**.
5. Remove the seal from the Plate 2 (PF2).

**NOTE: Take care while peeling off the seal. Hold the plate firmly by one hand and then peel off the seal by holding it in your other hand without shaking the plate.**

6. Add 20µl of Proteinase K (DS0013), **200µl of pre-processed sample** in each well of **Plate 2 of Pre-filled Plates for Clinical Multi-purpose Nucleic Acid Purification for Insta NX® Mag96.**

#### **Optional RNase A treatment**

If RNA-free genomic DNA is required, add 20µl of RNase A solution (20 mg/ml) (DS0003) in each well of **Plate 2 of Pre-filled Plates for Clinical Multi- purpose Purification for Insta NX® Mag96.**

7. Add 20µl of Magnetic Beads (DS1005A) in each well of **Plate 2 of Pre-filled Plates for Clinical Multi-purpose Nucleic Acid Purification for Insta NX® Mag96.**
8. Select plate position 2 on the screen.
9. Place the **Plate 2 (PF2)** on 2<sup>nd</sup> position onto the machine after adding the above-mentioned solutions.
10. Select plate position 5 on the screen.
11. Remove the seal from the **Plate 5 (PF5)** and place the plate on 5<sup>th</sup> position in the machine.
12. Select plate position 6 on the screen.
13. Remove the seal from the **Plate 6 (PF6)** and place the plate on 6<sup>th</sup> position in the machine.
14. Select plate position 7 on the screen.
15. Place the Plate 7 (PF7) on 7<sup>th</sup> position onto the machine.

**NOTE: The Magnetic Tip Comb for Insta NX® Mag96 (LA1097A) should already be inserted in the Plate 7 (PF7).**

16. Select plate position 8 on the screen.
17. Place the filled **Elution plate (PF8B)** on 8<sup>th</sup> position onto the machine.
18. Close the door of the machine.
19. Click on the **RUN** button on the home screen.
20. After the run is complete, discard the Magnetic Tip comb for Insta NX® Mag96 (LA1097A). Remove all the 96 Deep Well Plate and Elution Plate (PF8B) from the position. Discard all the 96 Deep Well Plate. The Elution Plate (PF8B) contains pure eluted nucleic acids. Seal the plate with sealing film (not provided).

**NOTE:** A small amount of magnetic beads may be observed in the final eluate at the bottom of the plate. Avoid transferring these magnetic beads to your PCR reaction mixture.

### **Processing of paraffin embedded tissue**

- a) Place a small section (not more than 25mg) of paraffin-embedded tissue into a 1.5 ml microcentrifuge tube (Not provided).

**NOTE:** The total amount of sections depends on tissue size, type and age of your samples. Weigh the total amount of tissue obtained.


- b) Add 1ml of xylene (not provided). Rock at room temperature for 5 minutes. Centrifuge at maximum speed ( $\approx 14000$  rpm) for 3 minutes.
- c) Remove supernatant by pipetting. Do not remove any of the pellets.
- d) Repeat steps b-c, 2-3 times.
- e) Add 1ml of ethanol (96-100%) (not provided). Rock at room temperature for 5 minutes. Centrifuge at maximum speed ( $\approx 14000$  rpm) for 3 minutes.
- f) Remove supernatant by pipetting. Do not remove any of the pellets.
- g) Repeat steps e-f, 2-3 times.
- h) Vacuum-dry (without heat) or air-dry pellet completely.

#### **I. Digest tissue**

Add 180 $\mu$ l of Lysis Solution (AL) (DS0015) to resuspend the pellet. Mix well and incubate at room temperature (15-25°C) for 30 minutes.

- II. Add 20 $\mu$ l of the Proteinase K solution (DS0013) to the tissue. Mix by vortexing and incubate the sample at 56°C overnight or until the tissue is completely digested with no particle remaining in a Thermal Shaker.
- III. Centrifuge at maximum speed 20,000 x g ( $\approx 15,000$ rpm) for 5-10 minutes and collect supernatant in a new collection tube (not provided). **This will be your pre- processed sample.**

**Set up processing plates as follows:**

1. Switch on the UV light for 10 minutes prior to use.
2. Select “**MB554Tissue**” program.
3. Click on the **flower icon**  on the right corner of the screen.
4. Add **50µl of Elution Buffer (ET)** [10mM Tris-Cl, pH8.5] (DS0040) into each well of **Elution plate (PF8B)**.
5. Remove the seal from the **Plate 2 (PF2)**.

**NOTE: Take care while peeling off the seal. Hold the plate firmly by one hand and then peel off the seal by holding it in your other hand without shaking the plate.**

6. Add **200µl pre- processed sample** of into each well of **Plate 2 of Pre-filled Plates for Clinical Multi-purpose Purification for Insta NX® Mag96**

**Optional RNase A treatment**

If RNA-free genomic DNA is required, add 20µl of RNase A solution (20 mg/ml) (DS0003) in each well of **Plate 2 of Pre-filled Plates for Clinical Multi-purpose Purification for Insta NX® Mag96**.

7. Add 20µl of Magnetic Beads (DS1005A) in each well of **Plate 2 of Pre-filled Plates for Clinical Multi-purpose Nucleic Acid Purification for Insta NX® Mag96**.
8. Select plate position 2 on the screen.
9. Place the **Plate 2 (PF2)** on 2<sup>nd</sup> position onto the machine after adding the above-mentioned solutions.
10. Select plate position 5 on the screen.
11. Remove the seal from the **Plate 5 (PF5)** and place the plate on 5<sup>th</sup> position in the machine.
12. Select plate position 6 on the screen.
13. Remove the seal from the **Plate 6 (PF6)** and place the plate on 6<sup>th</sup> position in the machine.
14. Select plate position 7 on the screen.
15. Place the Plate 7 (PF7) on 7<sup>th</sup> position onto the machine.

**NOTE: The Magnetic Tip Comb for Insta NX® Mag96 (LA1097A) should already be inserted in the Plate 7 (PF7).**

16. Select plate position 8 on the screen.
17. Place the filled **Elution plate (PF8B)** on 8<sup>th</sup> position onto the machine.
18. Close the door of the machine.
19. Click on the **RUN** button on the home screen.
20. After the run is complete, discard the Magnetic Tip Comb for Insta NX® Mag96 (LA1097A). Remove all the 96 Deep Well Plate and Elution Plate (PF8B) from the position. Discard all the 96 Deep Well Plate.

The Elution Plate (PF8B) contains pure eluted nucleic acids. Seal the plate with sealing film (not provided).

**NOTE:** A small amount of magnetic beads may be observed in the final eluate at the bottom of the plate. Avoid transferring these magnetic beads to your PCR reaction mixture.

**Storage of the eluate with purified nucleic acids:** The recommended storage temperature for the eluted nucleic acids is -80°C. Avoid repeated freezing and thawing of the sample which may cause denaturing of nucleic acids.

### **Warning**

Not for Medicinal Use. Read the procedure carefully before beginning the protocol. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred in safety data sheets of the product.

### **Limitations**

The yield of nucleic acids depends upon the type and the volume of starting material used.

### **Performance and Evaluation**

The yield and efficiency of purification is determined by performing Real- Time PCR.

### **Quality Control**

Each lot of HiMedia's HiPurA® Pre- filled Clinical Multi- purpose Nucleic Acid Purification Kit is tested against predetermined specifications to ensure consistent product quality.

### **Safety Information**

The HiPurA® Pre- filled Clinical Multi- purpose Nucleic Acid Purification Kit is for laboratory use only, not for drug, household or other uses. Take appropriate laboratory safety measures and wear gloves when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

### **Disposal**

User must ensure safe disposal by autoclaving and/ or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed off in accordance with current laboratory techniques.









### **Technical Assistance**

At HiMedia, we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance mail to [mb@himedialabs.com](mailto:mb@himedialabs.com).

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Please refer disclaimer Overleaf.

## Symbols

	Manufacturer		Do not use if package is damaged
	Batch code		Temperature limit
	Date of manufacture (YYYY-MM)		Consult instructions for use
	Use-by date (YYYY-MM)		Catalogue number

Identification No.: PIMB583MPF96200

Rev. No.: 03

Date of Issue: 2025-04

### Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

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