

Urine Preservative

Product # 18128

Product Insert

Norgen's Urine Preservative provides a rapid and simple method for the preservation and shipping of urine samples.

INTENDED USE:

Norgen's Urine Preservative is an aqueous preservative that allows for the rapid preservation of nucleic acids and proteins in fresh urine samples. The Urine Preservative prevents the growth of Gram-negative and Gram-positive bacteria and fungi, and also inactivates viruses allowing the resulting non-infectious samples to be handled and shipped safely. In addition, the Urine Preservative eliminates the need to immediately process or freeze samples and allows the samples to be shipped to centralized testing facilities at ambient temperatures. Simply collect a fresh urine sample into the container of your choice, add the Urine Preservative to the urine sample and mix. The components of the Urine Preservative allow samples to be stored for over 2 years at room temperature with no detected degradation of urine DNA, RNA or proteins.

NUCLEIC ACID ISOLATION FROM PRESERVATIVE

Urine samples collected and preserved in Norgen's Urine Preservative are compatible with most DNA and RNA isolation methods. Samples stored in the preservative have been used successfully with all of Norgen Biotek's urine-based DNA, RNA and protein isolation kits and reagents.

Specifications

Kit Specifications	
Minimum Urine Input	5 mL
Maximum Urine Input	50 mL
Stability of DNA, RNA, Proteins at Room Temperature	Over 2 years

Advantages

- No need to immediately process samples
- Nucleic acid and protein preservation at room temperature for over 2 years
- Ship urine samples at room temperature safely
- Compatible with most DNA/RNA/Protein isolation methods

Kit Components

Component	Product # 18128
Urine Preservative	100 mL
Product Insert	1

Storage Conditions and Product Stability

All tubes should be kept tightly sealed and stored at room temperature (15 – 25 °C) for up to 1 year without any reduction in performance.

Quality Control

In accordance with Norgen's Quality Management System, Norgen's Urine Preservative undergoes quality assurance testing to verify that performance does not vary from lot to lot.

Procedure

Notes Prior to Use

- Urine of all human and animal subjects is considered potentially infectious. All necessary precautions recommended by the appropriate authorities in the country of use should be taken when working with urine.
 - Dispose of unused reagents and human specimens according to local, provincial or federal regulations.
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1. Collect 5 to 50 mL of midstream urine in a sterile container of your choice. First flow urine is not recommended for collection.
 2. Add 1 mL of Urine Preservative to the container with the urine sample. Tighten container lid.
 3. Invert gently several times to mix preservative with urine sample.
 4. Store or ship the urine at room temperature.
 5. RNA, DNA and proteins can be purified from the preserved urine sample using a number of different methods, including Norgen's urine-based sample preparation kits.

Technical Support

Contact our Technical Support Team between the hours of 8:30 and 5:30 (Eastern Standard Time) at (905) 227-8848 or Toll Free at 1-866-667-4362.

Technical support can also be obtained from our website (www.norgenbiotek.com) or through email at techsupport@norgenbiotek.com.

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