

Swab Collection and Total Nucleic Acid Preservation System
Product # 68800

Product Insert

Norgen's Swab Collection and Total Nucleic Acid Preservation System provides a rapid and simple method for the collection, preservation and shipping of swab samples.

INTENDED USE:

Norgen's Swab Collection and Total Nucleic Acid Preservation System is designed for collection, ambient storage and transport of total nucleic acids (DNA and RNA) from samples collected using a swab, including nasal, buccal, saliva, fecal, skin, surfaces, etc. The Swab Collection and Total Nucleic Acid Preservation System contain Norgen's Swab Preservative in a liquid format. The user simply collects the specimen using the provided swab, and then transfers the swab into the Swab Preservative. The Swab 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 Swab Preservative eliminates the need to immediately process or freeze samples and allows the samples to be shipped to centralized testing facilities at ambient temperatures. The components of the Swab Preservative allow DNA samples to be stored at room temperature for over 2 years and RNA samples to be stored at room temperature for over 2 months.

NUCLEIC ACID ISOLATION FROM PRESERVATIVE

Swab samples collected and preserved using Norgen's Swab Collection and Total Nucleic Acid Preservation System are compatible with most commercially available DNA and RNA isolation methods. Samples stored in the tubes have been used successfully with most of Norgen Biotek's DNA and RNA isolation kits and reagents, including Norgen's Total RNA Purification Kit (Cat# 17200) and Norgen's Saliva DNA Isolation Kit (Cat# RU45400). For purification of total nucleic acids please refer to the supplementary protocol provided with Norgen's Total RNA Purification Kit (Cat#17200).

Specifications

Kit Specifications	
Stability of DNA at Room Temperature	2 years
Stability of RNA at Room Temperature	2 months

Advantages

- No need to immediately process samples
- Total DNA, including viral DNA, preserved at room temperature over 2 years
- Total RNA, including viral RNA, preserved at room temperature over 2 months
- Inactivate microorganisms including bacteria, fungi, yeast and viruses
- Ship swab samples at room temperature safely
- Compatible with most DNA and RNA isolation methods

Kit Components

Component	Product # 68800
Swab Collection and Total Nucleic Acid Preservation Kit	50
Product Insert	1
Donor Flowchart	1

Storage Conditions and Product Stability

The Swab Collection and Nucleic Acid Preservation System can be stored at room temperature for up to 2 years without any reduction in kit performance. The expiry date of the swab is indicated on the swab wrapper.

Disclaimers and Satisfaction Guarantee

This kit is designed for research purposes only. It is not intended for diagnostic use.

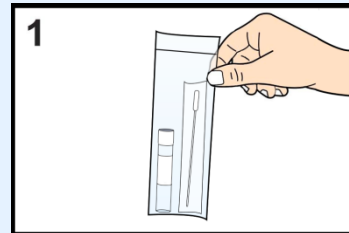
NORGEN BIOTEK CORPORATION guarantees the performance of all products in the manner described in our product manual. The customer must determine the suitability of the product for its particular use. We reserve the right to change, alter, or modify any product to enhance its performance and design.

Warnings and Precautions

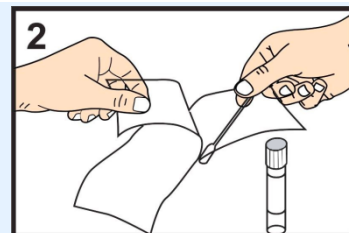
If any of the Swab Preservative comes into contact with skin or eyes, wash thoroughly with water. Do not ingest the Swab Preservative. Samples obtained from human and animal subjects are considered potentially infectious. All necessary precautions recommended by the appropriate authorities in the country of use should be taken when working with human specimens. Dispose of human specimens according to local, provincial or federal regulations.

Procedure

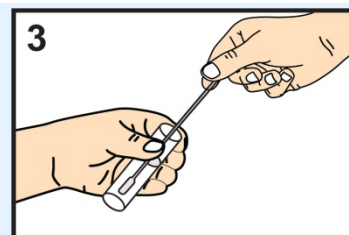
1. Open recloseable bag. Remove the individually wrapped swab and the preservative tube.



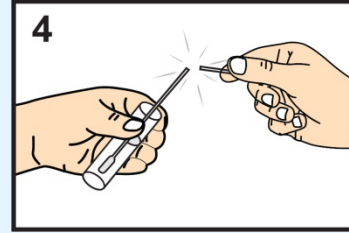
2. Peel open the swab wrapper and remove the swab. **Do not touch the swab tip.** Collect the specimen using the swab collection guidelines in the provided Donor Flowchart.



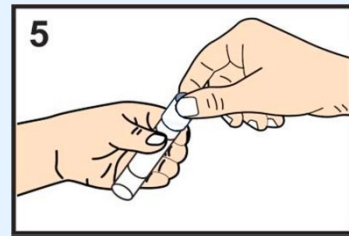
3. Using the appropriate aseptic technique, open the collection tube and insert the swab tip into the vial. **Make sure that the swab is in contact with the solution.**



4. Break the swab shaft at the indicated score mark, leaving the swab tip in the collection tube. Discard swab shaft and wrapper.



5. Replace the tube cap, securing tightly. Invert several times to mix. Label tube accordingly. The sample is now stable for transport and/or storage prior to DNA and/or RNA purification.



Samples can be shipped to the lab for analysis using Norgen's Shipping Accessories (50 Mailers - Cat# 38300). Norgen's Shipping Accessories provide a safe and convenient tool for shipping non-infectious biological specimens, and includes all shipping requirements in one convenient envelope, including leak-proof biohazard bags with adsorbent pads for enhanced safety. These shipping envelopes match the standards of OSHA as well as the IATA regulations.

Nucleic acids can be purified from the preserved swab sample using a number of different methods, including Norgen's various sample preparation kits (please refer to Related Products table below).

Related Products	Product #
Shipping Accessories – 50 Mailers	38300
Total RNA Purification Kit	17200, 37500
Saliva DNA Isolation Kit	45400
RNA/DNA Purification Kit	48700

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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