

**Swab Collection and DNA Preservation System (Bulk Format) Product Insert**  
Product # 45690-B

**Norgen’s Swab Collection and DNA Preservation System (Bulk Format) provides a rapid and simple method for the collection, preservation and shipping of swab samples.**

**INTENDED USE:**

Norgen’s Swab Collection and DNA Preservation System (Bulk Format) is designed for collection, ambient storage and transport of DNA from samples collected using a swab, including nasal, buccal, saliva, fecal, skin, surfaces, etc. The Swab Collection and DNA Preservation System (Bulk Format) 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.

**DNA ISOLATION FROM PRESERVATIVE**

Swab samples collected and preserved using Norgen’s Swab Collection and DNA Preservation System (Bulk Format) are compatible with most DNA isolation methods. Samples stored in the tubes have been used successfully with most of Norgen Biotek’s DNA isolation kits and reagents. An optimized isolation procedure is available as part of Norgen’s Microbiome DNA Isolation Kit (#64100).

**Specifications**

Kit Specifications	
Stability of Swab DNA at Room Temperature	2 years

**Advantages**

- No need to immediately process samples
- DNA preservation at room temperature over 2 years
- Ship swab samples at room temperature safely
- Compatible with most DNA isolation methods

**Kit Components**

Component	Product # 45690-B
Individually Wrapped Swabs	50
Swab Collection and DNA Preservation Tube	50
Product Insert	1

**Storage Conditions and Product Stability**

The Swab Collection and DNA Preservation System (Bulk Format) can be stored at room temperature for up to 2 years without any reduction in kit performance. The expiry date for the swabs is written on the swab wrapper.

### Disclaimers and Satisfaction Guarantee

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

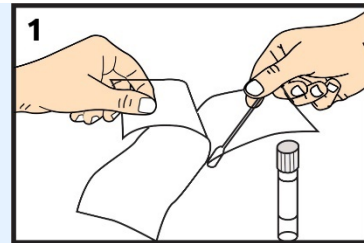
NORGEN BIOTEK CORPORATION guarantees the performance of all products in the manner described in our product manual. The customer must determine the suitability of the product for its particular use. We reserve the right to change, alter, or modify any product to enhance its performance and design.

### Warnings and Precautions

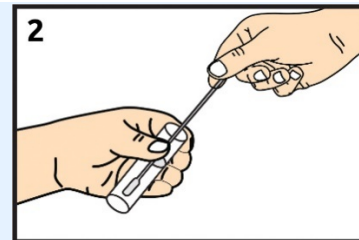
If any of the Swab Preservative comes into contact with skin or eyes, wash thoroughly with water. Do not ingest the Swab Preservative. Samples obtained from human and animal subjects are considered potentially infectious. All necessary precautions recommended by the appropriate authorities in the country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

## Procedure

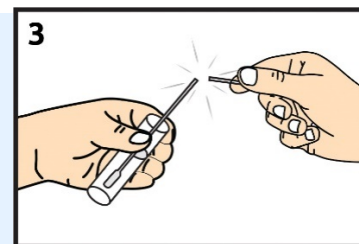
1. Peel open the swab wrapper from the side marked with the arrow. Remove the swab from the wrapper. **Do not touch the swab tip.** Collect the specimen.



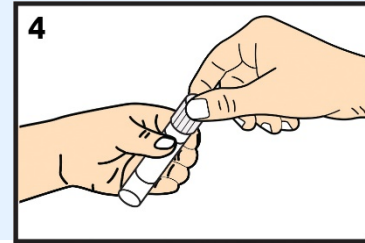
2. Using the appropriate aseptic technique, remove the vial cap and insert the swab into the vial.



3. Break the swab shaft at the score point.



4. Replace the vial cap, securing tightly. Record sample information in the space provided on the vial label. Transport the specimen to the laboratory.



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
Microbiome DNA Isolation Kit	64100
Saliva DNA Isolation Kit	RU45400
Genomic DNA Isolation Kit	24700
Cells and Tissue DNA Isolation Kit	53100
Fecal Swab Collection & Preservation System	45670
Stool DNA Isolation Kit	27600
Stool DNA Isolation Kit (Magnetic Bead System)	55700

### 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](http://www.norgenbiotek.com)) or through email at [techsupport@norgenbiotek.com](mailto:techsupport@norgenbiotek.com).

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