

**Fecal DNA Collection & Preservation Mini Tubes**  
Product # 27650

**Product Insert**

**Norgen’s Fecal DNA Collection & Preservation Mini Tubes provide a rapid and simple method for the collection, preservation and shipping of fecal DNA samples for microbiome studies and more.**

**INTENDED USE:**

Norgen’s Fecal DNA Collection & Preservation Mini Tubes are designed for the rapid preservation of DNA from fresh fecal specimens. These tubes contain Norgen’s Fecal DNA Preservative in a liquid format. The user simply collects fecal samples into the tubes and mixes by shaking or vortexing until the feces is mixed well with the preservative. The 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 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 preservative allow the DNA in the samples to be preserved at room temperature for over 2 years. Moreover, each collection tube is preloaded with beads for effective sample homogenization in any commercially available bead beater equipment (e.g. MP Biomedicals’ FastPrep®-24).

This kit is highly suited for the collection and preservation of fecal material from mouse, hamster, chinchilla, rabbit and more for microbiome studies and other applications.

**DNA ISOLATION FROM PRESERVATIVE**

Fecal samples collected and preserved in Norgen’s Fecal DNA Collection & Preservation Mini Tubes are compatible with most fecal DNA isolation methods. Samples stored in the tubes have been used successfully with all of Norgen Biotek’s stool-based DNA isolation kits (please refer to Related Products table) and reagents.

**Specifications**

Kit Specifications	
Fecal Input	Maximum 30 mg (approximately 3 to 5 mouse droppings)
Stability of Fecal DNA at Room Temperature	Over 2 years

**Advantages**

- No need to immediately process samples
- Includes pre-loaded beads for effective sample homogenization by bead beating (tubes are fully compatible with commercially available bead beating systems)
- DNA preservation at room temperature for over 2 years
- Ship fecal samples at room temperature safely
- Compatible with most DNA isolation methods

**Kit Components**

Component	Product #27650
Fecal DNA Collection & Preservation Mini Tubes (containing liquid preservative and beads)	12
Product Insert	1

### 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 fecal preservative comes into contact with skin or eyes, wash thoroughly with water. Do not ingest the preservative. Fecal samples should always be considered potentially infectious. All necessary precautions recommended by the appropriate authorities in the country of use should be taken when working with such samples. Dispose of specimens according to local, provincial or federal regulations.

### Storage Conditions and Product Stability

All tubes should be kept tightly sealed and stored at room temperature (15 – 25 °C) for up to 2 year without any reduction in performance.

## Procedure

1. Carefully scoop a maximum of  $\leq 30$  mg of feces into a Fecal DNA Collection & Preservation Mini Tube. On average this would equate to about 3-5 mouse droppings.
2. Tighten cap and shake or vortex to mix fecal sample completely with preservative.
3. Submit the specimen to the lab by shipping at room temperature.
4. DNA can be purified from the preserved fecal samples using a number of different methods, including Norgen's stool-based sample preparation kits (please refer to Related Products table below).

### 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).

Related Products	Product #
Stool Nucleic Acid Isolation Kit	45600
Stool DNA Isolation Kit	27600
Stool DNA Isolation Kit (Magnetic Bead System)	55700

3430 Schmon Parkway, Thorold, ON Canada L2V 4Y6  
Phone: (905) 227-8848  
Fax: (905) 227-1061  
Toll Free in North America: 1-866-667-4362