



# DANASTOOL Sample Collection MICROBIOME Kit

Ref.0617 50 tubes  
Ref.0618 250 tubes

## 1. INTRODUCTION

DANAGEN-BIOTED has developed a complete system for processing samples of human or animal feces. **DANASTOOL Sample Collection MICROBIOME Kit** is an integrated system for collection, transportation and storage of stool samples and subsequent DNA purification.

Transportation of the stabilized DNA can be carried out in the DNA Stabilization solution without refrigeration at ambient temperature.

**El DANASTOOL Sample Collection Kit enables collection, storage and stabilization of stool samples. It comes in a tube with spoon and 8 ml DANASTOOL stabilization solution that preserves the MICROBIOME profiling.**

The stabilizer solution prevents the growth of Gram-negative and Gram-positive bacteria and fungi, and also inactivates the viruses allowing the resulting non-infectious samples to be handled and shipped safely.

### Features:

- Easy to use-designated for safe collection and transport as samples become Non-infectious.
- It is not necessary to process the samples immediately.
- Stabilizes the DNA for several months at room temperature and indefinitely at -20 or -80°C.
- The odor is eliminated during processing.
- Compatible with several purification systems. The use of our **DANAGENE MICROBIOME FECAL DNA Kit is recommended.**
- The DANASTOOL preservative solution preserves microbiota profiles for unbiased and reproducible results and providing sample homogeneity eliminating sample variability.

## 2. COMPONENTS KIT

	Ref.0617	Ref.0618
<b>DANASTOOL Sample Collection MICROBIOME Kit</b>	50 tubes	250 tubes

All components are stable for 24 months from the date of purchase being stored correctly and at room temperature (15-25°C).

### Safety precautions for the Stool DNA Stabilizing Reagent:

- Keep out of reach of children.
- Protect the container from heat and direct sunlight. Store only in the original container.
- Do not attempt to remove the DNA stabilizing reagent from the tube.
- Do not use the stool collection tube if the preservative liquid has spilled.
- Do not ingest the contents of the tube.

## 3. PROTOCOL

### SAMPLE COLLECTION:

1. Using the spoon attached to the lid take stool sample from 2-3 different sites and transfer the samples to the preservative fluid. Approximately half a spoon per take is enough. The liquid allows to stabilize 0.5-1.0 gr of sample. **It is recommended:** Depending on the size and characteristics of the stool sample, mixing the sample completely to generate a homogeneous sample in this way will not be necessary to take sample from 3 different sites of the sample.
2. Close the container well and shake to achieve the homogenization of the fecal matter with the preservative liquid. This will be achieved more quickly depending on the consistency of the fecal matter, for hard consistencies this can be achieved by helping with the spoon, or stirring the tubes every day until the day of extraction.
3. Label the stool tube with your full name and date of collection.
4. Send the sample to the laboratory, sending it to room temperature. The sample is stable for several months at room temperature (15-25°C) and indefinitely at -20 o -80°C.
5. For extraction, several different methods can be used, **the use of our DANAGENE MICROBIOME FECAL DNA Kit is recommended.**

## 4. PROBLEM GUIDE AND POSSIBLE ANSWER

For any doubts or additional questions about the protocol, please contact the technical service of DANAGEN-BIOTED S.L [info@danagen.es](mailto:info@danagen.es)