



DANASWAB Sample Collection MICROBIOME KIT

Ref.0626.100

1. INTRODUCTION

DANASWAB Sample Collection MICROBIOME Kit is designed **for the collection, ambient storage and transport from samples collected using a swab** wherever a swab may be deemed appropriate per application.

MICROBIOME Stabilization Solution take a **microbial snapshot** of a sample while inactivating pathogens making samples safe and ready for transport. Samples stored in these microtubes are stable at ambient temperature, and can be frozen for longer-term storage.

Each collection microtube is pre-filled with 2 ml and the nucleic acid content of **samples is preserved at ambient temperature (DNA up to 1 year; RNA up to 15 days)**.

For longer periods of time the samples must be frozen (-20 / -80 ° C)

To use these swab collection tubes, just swab any sample and break the tip into the collection device prefilled with the **MICROBIOME Stabilization Solution**.

Features

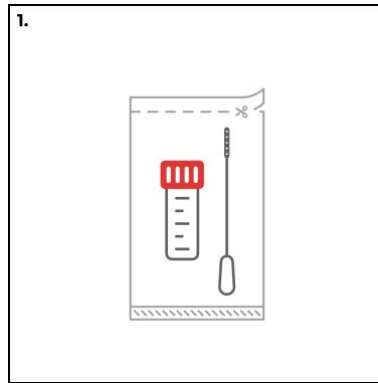
- Used for collection, storage and transportation of swab samples for MICROBIOME analysis.
- Inactivate microorganisms and viruses for safe and easy transport and handling.
- Compatible with many sample types, including nose, mouth, stool, vaginal, biological fluids, environmental samples.
- Room temperature transport.
- Preserve total DNA, including viral DNA, at room temperature (4^o-25^oC) 1 year.
- Preserve total RNA, including viral RNA, at room temperature (4^o-25^oC) 15 days.
- Compatible with most DNA and RNA isolation methods. **We recommend to use our DANAGENE SWAB MICROBIOME KIT for microbiome analysis and the DANAGENE MICROBIOME RNA Kit for RNA isolation.**

2. KIT COMPONENTS

	100 Preps	Stock
Collection tubes with MICROBIOME Stabilization Solution	2 ml x 100 units	Room temperature
Swabs	100 units	Room temperature

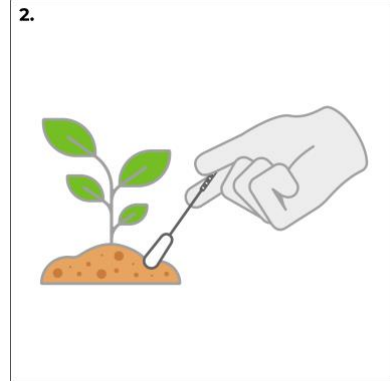
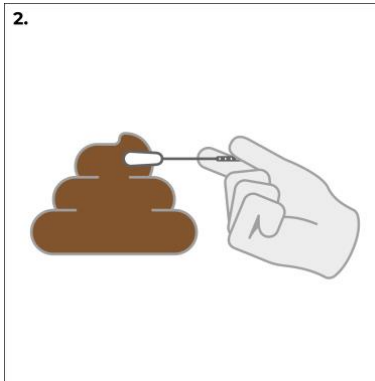
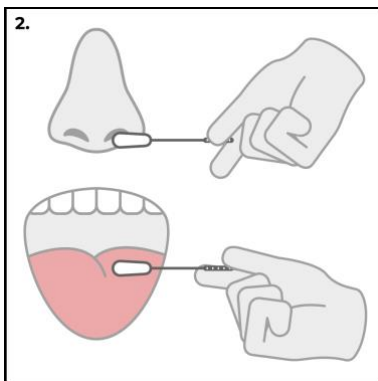
3. PROTOCOL

1. Open package containing swab and collection tube. Remove the individually wrapped swab and the preservative tube. **Do not touch the swab tip.**

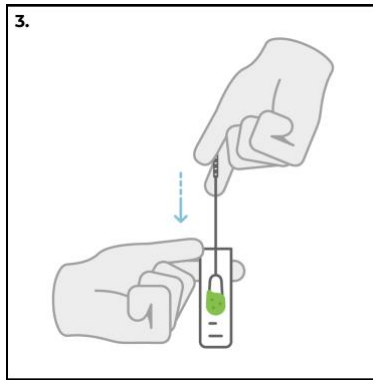


2. Swab the sample taking the appropriate measurements according to the type of sample to be collected.

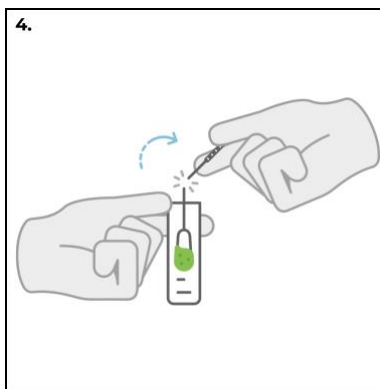
For fecal and soil samples collect approximately no more than 200 mg.



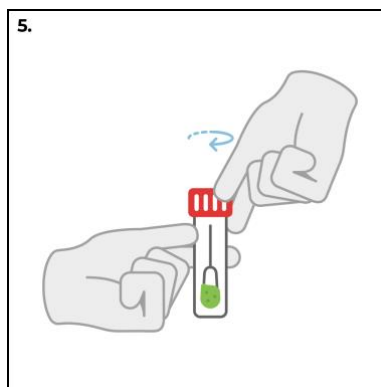
3. Open the collection tube and insert swab tip into the microtube.



4. Break the swab tip (breaking point 20-30 mm) leaving the swab tip in the collection tube. **Make sure that the swab is in contact with the solution.**



5. Replace the tube cap, securing tightly and invert microtube several times. The sample is stabilized and ready for transport/storage. **Prior to purification of DNA and/or RNA wait at least 24 hours and vortex vigorously to properly homogenize the sample.**



4. TROUBLESHOOTING

For any question regarding the work protocols or problems. Please, contact DanaGen-BioTedd technical service for any comment or question regarding the protocol info@danagen.es