



# REAL Stool Sample Collection Microbiome Kit

System for nucleic acids collection, transport and stabilisation



- Fast, safe and odor-free
- Simplifies sample collection
- For the collection, preservation and transport of samples of up to 1 gram of stool
- No need for refrigeration
- Marked CE IVD



## What is our REAL Stool Sample Collection Microbiome Kit?

The REAL Stool Sample Collection Microbiome Kit consists of a system specifically designed for the collection, transport and storage of stool samples for subsequent DNA purification and study of the microbiome.

It comes in a tube with a spoon and 8 ml of stabilization solution that can store between 0.5 and 1 gram of sample. Eliminates the need to immediately process the sample and allows transport at room temperature.

With this system it is possible to collect the sample anywhere. And the genetic material remains intact for several months at room temperature and indefinitely at  $-20$  or  $-80^{\circ}\text{C}$ , obtaining DNA of excellent quality and integrity.

## What advantages does our REAL Stool Sample Collection Microbiome Kit offer?

The REAL Stool Microbiome solution preserves microbiome profiles for reproducible results by providing sample homogeneity and eliminating variability.

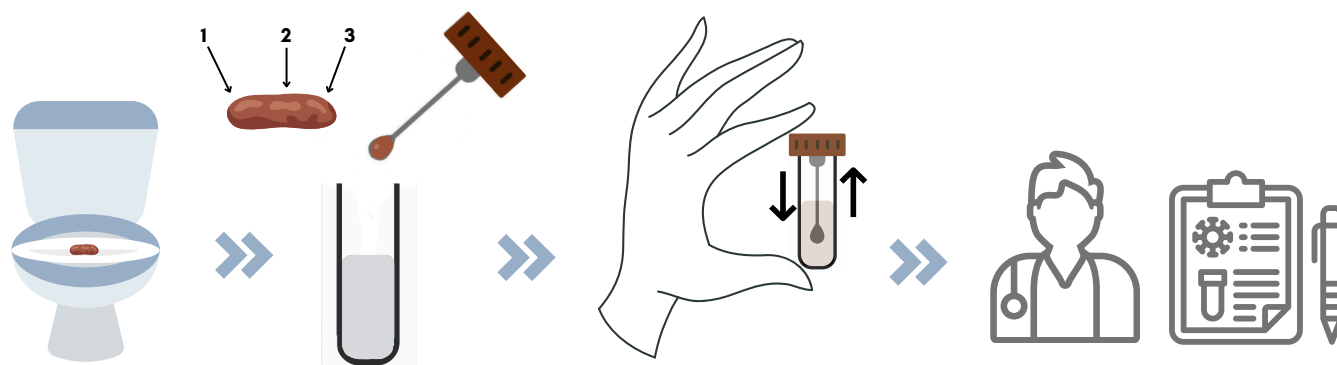
The transport of stabilized DNA can be carried out without refrigeration thanks to the REAL Stool Microbiome preservation solution, which has been specially designed to preserve the microbiome profile and facilitate the disintegration of feces, also preventing the growth of Gram-negative bacteria, Gram-positive and fungal, and also inactivates viruses allowing the resulting non-infectious samples to be handled and shipped safely.

Compatible with various purification systems, although the use of our REAL kits is recommended.

## Technical specifications

- Compatible with most DNA extraction methods.
- Preservation of 0.5-1g of sample for several months at room temperature and indefinitely at  $-20^{\circ}\text{C}$  /  $-80^{\circ}\text{C}$
- Compatible con NGS y qPCR.
- In Vitro Diagnostic medical device  
Class A according to Regulation 2017/746.





1. Collect the sample in a clean, dry container (urinal, bedpan, paper or plastic bag), avoiding contact with soap and disinfectant residue. Do not use feces contaminated with water, urine or toilet paper.
2. Using the spoon attached to the cap, take the stool sample from 2-3 different sites and transfer it to the tube with preservative liquid. Approximately half a spoon per serving is enough. The liquid allows 0.5-1.0 g of sample to be stabilized. It is recommended: Depending on the size and characteristics of the stool sample, mix the sample completely to generate a homogeneous sample, this way it will not be necessary to take samples from 3 different sample sites.
3. Close the container tightly and shake to homogenize the fecal matter with the preservative liquid. This will be achieved more quickly depending on the consistency of the fecal matter. For hard consistency this can be achieved with the help of a spoon, or by shaking the tubes every day until the day of extraction.
4. Identify the tube containing the sample with the patient's data and the date of collection.
5. Send the sample to the laboratory at room temperature.
6. Different methods can be used for extraction, the use of our REAL kits is recommended.

## Presentation

RBMSC50CE	50 tubes x 8ml
RBMSC250CE	250 tubes x 8 ml

## Our REAL kits for sample collection

- REAL SALIVA DNA Sample Collection Kit
- REAL SALIVA Microbiome Sample Collection Kit
- REAL SALIVA RNA Sample Collection Kit (RUO)
- REAL SWABS Sample Collection Kit
- REAL STOOL Sample Collection Microbiome Kit



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