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RBMSC50CE-RBMSC250CE
Professional use only. NON-DOMESTIC USE

REAL Stool Sample Collection Microbiome Kit

Ref. **RBMSC50CE**	**50** units	System for nucleic acids collection, transport and stabilisation.
Ref. **RBMSC250CE**	**250** units	

DESCRIPTION

REAL STOOL Sample Collection MICROBIOME Kit is an integrated system for the collection, transport and storage of stool samples for subsequent DNA purification.

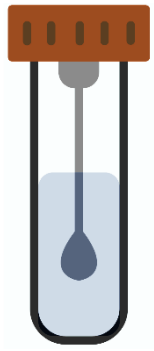
The transport of stabilised DNA can be carried out in the REAL STOOL Microbiome stabiliser solution without refrigeration at room temperature.

The **REAL STOOL Sample Collection Kit** allows the **collection, storage and stabilisation of stool samples**. It comes in a tube with a spoon and **8 ml of liquid stabilisation solution that preserves the MICROBIOME profile**.

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

Features:

- Easy to use-designed for safe collection and transport as samples become Non-infectious.
- No need to process samples immediately.
- Stabilises DNA for several months at room temperature and indefinitely at -20 or -80ºC.
- Odour is eliminated during processing.
- Compatible with various purification systems. **The use of our REAL MICROBIOME FECAL DNA Kit extraction system is highly recommended.**
- Compatible with NGS and qPCR.
- REAL STOOL Microbiome stabilising solution preserves MICROBIOME profiles for reproducible results providing sample homogeneity, which eliminates sample variability.



PRESENTATION

REFERENCE	PRESENTATION
RBMSC50CE	50 units x 8 ml
RBMSC250CE	250 units x 8 ml

Components per Kit:

COMPONENT	REFERENCE	PRESENTATION	STORAGE
Real Stool Sample Collection Microbiome Tube	MSC01CE	8ml	Room Temperature (15-25ºC)
Protocol	-	1 unit	Room Temperature

Material required but non provided:

- Reagents for subsequent nucleic acid extraction
- Reagents for subsequent nucleic acid amplification

STORAGE AND STABILITY

Kits should be stored at room temperature (15-25°C) until the expiry date stated on the label.
Keep in a cool, dry place. Dispose of according to specific methods for the destruction of biological material. If this is not possible, contract an authorised disposal company.

SAMPLE COLLECTION PROCEDURE

1. Collect the stool samples in a **dry, clean recipient** (bedpan, paper or plastic bag), free of soap and disinfectant residues. Avoid contaminations with water, urine or toilet paper.

2. Using the spoon attached to the lid, take stool samples from 2-3 different sites and transfer the samples to the preservative liquid. Approximately half a spoon per collection is sufficient. **The liquid allows 0.5-1.0 g of sample** to be stabilised**. It is recommended:** Depending on the size and characteristics of the stool sample, mix the sample thoroughly to generate a homogeneous sample, so that it is not necessary to take samples from 3 different sample sites.

3. Close the container tightly and **shake to achieve homogenisation** of the faecal material with the preservative liquid. This will be achieved more quickly depending on the consistency of the faecal material, for hard consistencies 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 stool tube with the patient's full name and date of collection.

5. Send the sample to the laboratory, shipping it at room temperature. The sample is stable for several months at room temperature (15-25ºC) and indefinitely at -20 or -80ºC.

6. Several different methods can be used for extraction; we recommend the use of our **REAL MICROBIOME FECAL DNA Kit.**

WARNINGS AND PRECAUTIONS

- Keep away from children.
- Wash your hands before and after sample collection.
- The preservative solution tube is toxic DO NOT SWALLOW.
- In case of ingestion call the Toxicology Institute
  Tlf+34 91 562 04 20 Risks statements: H319, H400. P 264, P273, P280, P305 + P351 + P338, P337 + P313, P391, P501
- Do not Re-use. Do not use if the package is damaged or spilled.
- Do not use the test kit beyond expiration date.
- Protect from direct sunlight and cold temperatures. Maintain in the original packaging.
- Do not try to remove the DNA preservative from the tube.
- Any serious incident involving the product should be reported to the manufacturer and the health authority.

PROBLEMS GUIDE AND SOLUTIONS

The preservation medium is sensitive to cold and small white precipitates may appear. It is possible to reverse this process by subjecting the collectors to 37°C for a few hours.

If samples are to be stored at -20/-80ºC, it is recommended to transfer them to an appropriate cryotube that can withstand these conditions.

For any further questions or queries about the protocol, please contact DURVIZ's technical service (durviz@durviz.com)

SYMBOLS DEFINITION

REF	Catalogue number		Temperature limit
	Read instructions for use		Do not use if the package is damaged
	Expiry date		Single-use only
LOT	Lot		Caution
	Contains sufficient for n test	IVD	In vitro diagnostic medical device
	Manufacturer	UDI	Unique device identification
CE	CE marking		

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