

# REAL Swab Sample Collection Kit

Ref.RBMEG08CE	50 units
Ref.RBMEG09CE	100 units
Ref.RBMEG10CE	500 units
Ref.RBMEG11CE	1000 units

System for nucleic acids collection, transport and stabilisation.

## DESCRIPTION

**REAL Swab Sample Collection Kit** provides a fast and safe procedure all-in-one for buccal cells sample collection, storage and transport at room temperature.

After collection, the swab is immersed in our **preservation solution REAL STOCK** and the mixture containing the buccal cells is sent to the laboratory for further analysis.

**Samples remain well preserved at room temperature during 1 year and indefinitely at -20/-80°C.**

### Features

- Used for the collection, storage and transport of buccal cells samples by swabbing.
- Eliminates the need for immediate sample processing.
- Allows easy transport and handling of samples at room temperature.
- Painless and non-invasive sample collection.
- Allows sample collection at locations other than the laboratory.
- Allows DNA isolation with excellent quality and integrity.
- Compatible with most DNA isolation methods. **We recommend our REAL Swabs DNA Kit** for the subsequent DNA purification.
- Compatible with NGS.

## PRESENTATION

REFERENCE	PRESENTATION
RBMEG08CE	50 units
RBMEG09CE	100 units
RBMEG10CE	500 units
RBMEG11CE	1000 units



### Components per unit:

COMPONENT	REFERENCE	PRESENTATION	STORAGE
Preservative solution Real Stock	RBMST1,25	1,25 ml x 1 unit	Room temperature (10-30°C)
Foam swab for sample collection	REG08	1 unit	Room temperature

### Material required but non provided:

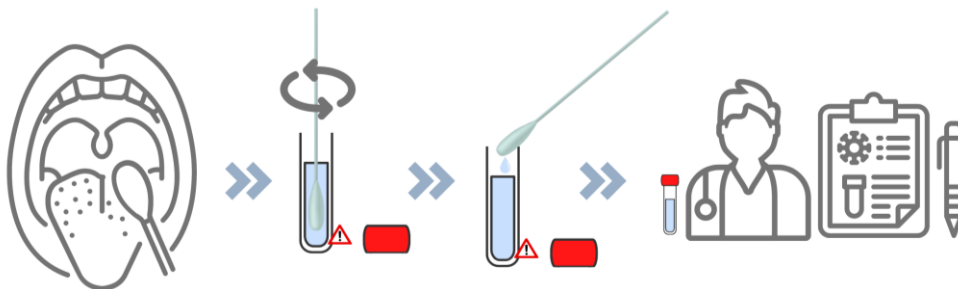
- Reagents for subsequent nucleic acid extraction
- Reagents for subsequent nucleic acid amplification

## STORAGE AND STABILITY

Kits should be stored at room temperature (10-30°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. Do not eat, drink, smoke or chew gum for at least 30 minutes prior to sample collection. Rinse mouth gently with water.
2. Collect the buccal cell sample with the foam swab. Rub the swab on the inside of the cheek (buccal wall) and gums with firm pressure about 30 times on each side of the face and each side of the swab.  
**Important: apply firm, solid and reasonable pressure with the swab. The hand can be placed on the cheek to provide a more solid surface.**
3. Insert the swab into the microtube with the **red-capped** Preservative Solution REAL STOCK. Rotate the swab in a rapid motion to release the buccal cells into the solution, using the same stirring motion as a teaspoon.
4. **Press the swab against the wall of the microtube** and rotate to ensure that most of the liquid remains in the microtube. It is also recommended to pass the foam head of the swab several times over the top of the microtube to **release the last drops**.
5. Remove and discard the swab.
6. **The solution should be observed to become slightly cloudy**, which indicates the presence of buccal cells. If the solution remains clear, a new sample collection should be made with a new swab at a different time.
7. The saliva is now preserved and ready for storage, shipping and processing.



### CONSIDERATIONS PRIOR TO THE EXTRACTION PROCESS

Samples that have been left upright for several days will show a white pellet containing the buccal cells.

1. Using a micropipette, resuspend the pellet completely and transfer the entire solution to a new 2.0 ml microtube.
2. Add 1000 ul of Resuspension Buffer or Nuclease-Free Water and Centrifuge at 13,000-16,000 x g for 2 minutes.
3. Remove the supernatant by decanting, taking care not to lose the cell pellet. Centrifuge again briefly and remove all liquid by micropipette. Process the sample according to your extraction method. USE of our REAL SWABS DNA Kit is RECOMMENDED.

## WARNINGS AND PRECAUTIONS

- Keep away from children.
- DO NOT SWALLOW the preservative solution REAL STOCK.
- Wash your hands before and after sample collection.
- In case of ingestion call the Toxicology Institute Tif+34 91 562 04 20
- Do not Re-use. Do not use if the package is damaged.
- Do not use the test kit beyond expiration date.
- Any serious incident involving the product should be reported to the manufacturer and the health authority.

## PROBLEMS GUIDE AND SOLUTIONS

If samples are to be stored at -20/-80°C, 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](mailto:durviz@durviz.com))

## SYMBOLS DEFINITION

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



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