

# mWRAPR Oral

Oral DNA / Buccal Collection Tube

(RUO)



## PRODUCT DESCRIPTION

mWRAPR Oral DNA Tube ensures microbiome sample stability during transport/storage, without needing cold storage for up to 14-days at room temperature or at 4°C for up to one month. mWRAPR Oral DNA / Buccal Tube's combination of preservatives and metabolic inhibitors potently inactivates nucleases & infectious agents and preserves genetic material for downstream applications.

Includes swab.

## FEATURES

- Zero infection risk during sample handling & transport
- Accurate & reproducible DNA/RNA yields for down-stream processing and analysis
- Zero contamination shelf-life for up to 2 years
- No cold storage required
  - Prevents the use of liquid nitrogen for long-term storage
  - Protection from freeze-thaw cycles
  - Long-term at -20°C / -80°C
- Easy sample processing
  - Nucleic acids can be directly isolated from mWRAPR Oral/ Buccal tubes using common extraction kits

Product Name	Cat. No.	Sample Input Vol.	Stabilization solution Vol.	Pack Size	Price € (Euros)
mWRAPR Oral DNA Collection Tubes	MW-AZ009-A	1mL	1mL	50 Tubes	
	MW-AZ009-B	3mL	3mL	50 Tubes	
	MW-AZ009-C	Large	100 mL	100 mL	

# Specifications

Tube material	Polypropylene
Tube size	10 mL
Swab	Nylon Flocked Sterile Swab
Stabilization solution	3 mL

## Instructions

### Pre-collection Instructions

- Avoid drinking alcohol at least 12 hours before sample collection
- Avoid eating, drinking, or chewing for at least 45 to 60 minutes before saliva collection
- Gently rinse your mouth with drinking water to remove residual food particles
  
- Open the swab package by peeling the swab package from the opposite end of the swab tip. Avoid contact with the swab tip.
- Carefully rub the sides of the inner right cheek 6 to 8 times with the swab. Repeat the same process for the left inner cheek and the lower gums.
- Next, take the swab out of the mouth and dip the swab tip in the stabilisation solution provided in the collection tube, break the swab at the score line and discard the remains of the swab.
- Once this is done, ensure that the collection tube is tightly closed and invert the tube gently a few times.
- To perform DNA isolation, vortex the tube for 20 seconds and allow it to rest at room temperature for 2 minutes.
- Transfer 300 to 500  $\mu$ L of salivary sample from the tube to a sterile 1.5 mL centrifuge tube containing 800  $\mu$ L of any commercially available lysis solution and follow the DNA / RNA isolation kit manufacturer's instructions.



### RESEARCH CENTRE:

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### MANUFACTURED AT:

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### IN ASSOCIATION WITH



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