

# mWRAPR Multi-sample

## Multi-Sample Collection Kit

(RUO)



### PRODUCT DESCRIPTION

Conveniently collect, store and transport saliva, buccal, dental, fecal, cervical, genital, tissue, plants & soil samples at room temperature with mWRAPR multi-sample collection kit for efficient analysis.

mWRAPR multi sample collection DNA Tube effectively inactivates pathogens and arrests their growth while preserving pathogenic genetic material for a variety of tests.

### FEATURES

- Stabilize genetic material for up to 14 days at room temperature
- Accurate and reproducible DNA/RNA yields for downstream processing & 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
  - DNA / RNA can be directly isolated from mWRAPR Multi-Sample tubes using common extraction kits

Product Name	Cat. No.	Sample Input Vol.	Stabilization solution Vol.	Pack Size	Price € (Euros)
Multi Collect Sample Collection Tube	MW-AZ0022	Depends on sample	3mL	50 Tubes	

# Specifications

Tube material	Polypropylene
Tube size	10 mL
Stabilization solution	3 mL

## Instructions

### Saliva

- Ask the patient to spit saliva into the collection tube (with the help of the funnel provided in the kit) containing the preservative solution.
- Tightly recap the collection tube and thoroughly mix the contents of the tube by inverting the tube.

### Buccal

- 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 stabilization 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.

### DNA isolation

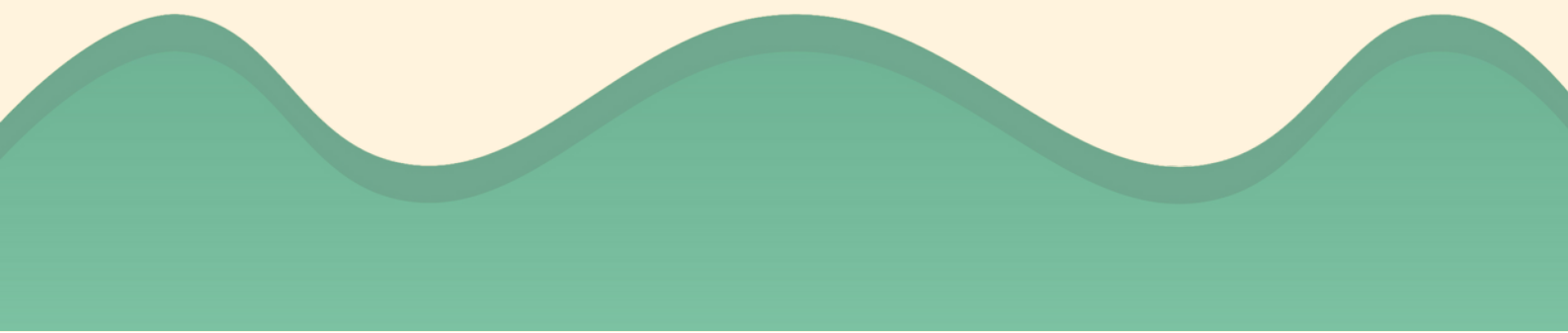
- To perform DNA isolation, vortex the tube for 20 seconds and allow it to rest at room temperature for 2 minutes.
- Transfer 300 to 500  $\mu$ L of salivary sample from the tube to a sterile 1.5 mL centrifuge tube containing 800  $\mu$ L of any commercially available lysis solution and follow the DNA / RNA isolation kit manufacturer's instructions.

# Instructions

## Fecal

- Collect the fecal sample by asking the patient to scoop 200mg of wet stool using the spoon attached to the screw cap and place it directly into the fecal collection tube
- Mix the stool sample by vortexing or vigorously shaking the tube until the sample is completely dissolved, and let the tube rest at room temperature for 2 minutes
- Transfer 200 mg of sample solution into a tube containing 800  $\mu$ L of lysis solution from any commercially available DNA / RNA isolation kit and follow the manufacturer's instructions.

## Cervical

- To collect cervical samples, insert the speculum into the vagina and locate the cervix at the end of the endocervical canal.
  - Insert the cervical swab into the endocervical canal and rotate the swab (360 degrees) for 10-20 seconds to collect the sample.
  - Then, withdraw the swab carefully without touching the skin outside the vagina and place the swab into the collection tube containing the preservative solution.
  - Break the swab tip at the score line and close the collection tube tightly.
  - To perform DNA isolation, first ensure that the sample is thoroughly mixed with the preservative solution by vortexing for 20 seconds. Allow the mixed solution to stand at room temperature for 2 minutes.
  - Transfer 300-500  $\mu$ L of sample solution into a 1.5 mL centrifuge tube containing 800  $\mu$ L of lysis solution from any commercially available DNA / RNA isolation kit and follow the manufacturer's instructions.
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### RESEARCH CENTRE:

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