

mWRAPR Saliva

Saliva DNA/RNA Collection Tube (RUO)



PRODUCT DESCRIPTION

mWRAPR Saliva DNA/RNA Tube ensures sample stability during transport/storage at ambient temperature. mWRAPR Saliva DNA/RNA tube's combination of preservatives and metabolic inhibitors potently inactivates infectious agents and nucleases, thereby preserving the genetic material for downstream applications (molecular diagnostics, genomics etc).

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 liquid nitrogen cold storage required
 - Protection from freeze-thaw cycles
- Easy sample processing
 - DNA / RNA can be directly isolated from mWRAPR Saliva DNA/RNA Collection Tubes using common commercial extraction kits.

| Temperature | Nucleic acid Stability |
|---------------------|------------------------|
| -20°C and below | Indefinite |
| 4°C | Up to 1 year |
| Ambient Temperature | Up to 30 days |
| 35-40°C | Up to 14 days |
| 50-65°C | Up to 7 days |

SPECIFICATIONS

| | |
|------------------------|-----------------------------------|
| Tube material | Polypropylene |
| Tube size | 10 mL/2mL |
| Swab/Funnel | Nylon Flocked Sterile Swab/Funnel |
| Stabilization solution | 3 mL/1mL |
| Yield | >50ng/ μ L |

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.

Tube-based

- 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.

Swab-based

- Open the swab package by peeling the swab package from the opposite end of the swab tip. Avoid contact with the swab tip.
- Place the swab in the mouth and rub the lower gums back and forth 10 to 15 times. Repeat the rubbing motion on the opposite side of the mouth to soak up as much saliva as possible.
- Once the swab is saturated with saliva, insert the swab into the collection tube. Wring saliva out of the swab using a twisting and pushing motion against the inner wall of the tube.
- Break the swab tip and tightly close the tube cap.
- Invert the tube and shake vigorously 10-15 times.
- Transfer 300 to 500 μ L of salivary sample from the tube to a sterile 1.5 mL centrifuge tube containing 800 μ L of any commercially available lysis solution and follow the DNA / RNA isolation kit manufacturer's instructions.

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ORDERING INFO

| Product Name | Cat. No. | Sample Input Vol. | Stabilization solution Vol. | Pack Size |
|--|-------------|-------------------|-----------------------------|-----------|
| mWRAPR Saliva DNA/RNA Collection Tubes | MW-AZ0010-A | 1mL | 1 mL | 50 tubes |
| | MW-AZ0010-B | 3mL | 3 mL | 50 tubes |
| | MW-AZ0010-C | Large | 250 mL | 250 mL |

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