

mWRAPR

Molecular Transport Medium For Microbiome

Stabilize

DNA/RNA for any Microbiome Sample



Stool



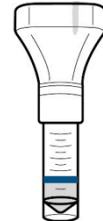
Skin



Oral



Cervical



Saliva

Storage: Store at Room temperature.

Shelf life: Up to 2 years at room temperature, when stored unfilled.

mWRAPR Fecal DNA/RNA Collection Tube

Product Information:

| Catalog No. | Product | Sample Input Vol. | Stabilization solution Vol. | Size |
|-------------|--------------------------------------|-------------------|-----------------------------|----------|
| MW-AZ006-A | mWRAPR Fecal DNA/RNA Collection Tube | 1g / 1 mL | 4mL | 50 Tubes |
| MW-AZ006-B | mWRAPR Fecal DNA/RNA Bulk | Large | 250mL | 250mL |

Product Description:

Collect and preserve stool samples at room temperature with mWRAPR Fecal DNA/RNA Collection Tube for microbiome analysis, and molecular diagnosis of microbial or viral DNA/RNA. The preservative solution safeguards microbial & viral nucleic acids for downstream applications such as NGS, qPCR, microarray, while eliminating the risk of infection.

Sample Stability

No cold chain or dry ice needed!

Transport and Ship Samples at Ambient Temperature

| TEMPERATURE | TIME |
|---------------------|----------------|
| -20°C and below | Indefinite |
| 4°C | Up to 1 year |
| Ambient Temperature | Up to 100 days |
| 37°C | Up to 30 days |
| 55°C | Up to 7 days |

Samples are stabilized at the time of collection to analysis

Consistent & High

Yields of Nucleic Acids

mWRAPR Fecal DNA/RNA Collection Tube is not only beneficial for sample transport but also for the long-term storage of gut microbiome samples stabilizing the nucleic acids.

The yields of Nucleic acid isolated using AZUL Stool DNA/RNA Extraction Kit from stool samples stored in mWRAPR Fecal DNA/RNA Collection Tube shows consistent results for almost 60 days, when stored at RT.

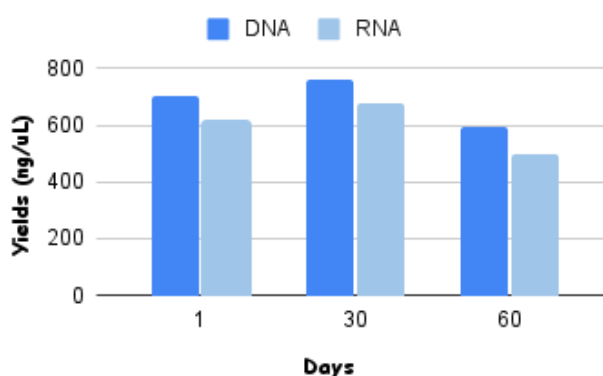


Fig 1: The graph demonstrates DNA/RNA isolated from 500µL stool samples stored in mWRAPR Fecal DNA/RNA Collection Tube, maintains stability of DNA/RNA for up to 60 days at RT.

DNA/RNA Purification

Samples stored in mWRAPR Microbiome Sample Collection Tubes are directly compatible with:

- All Azooka's AZUL DNA/RNA Extraction Kits.
- Most kits and workflows from Qiagen, Roche, Thermo-Fisher, Zymo Research etc.

mWRAPR Saliva DNA/RNA Collection Tube

Product Information:

| Catalog No. | Product | Sample Input Vol. | Stabilization solution Vol. | Size |
|-------------|---------------------------------------|-------------------|-----------------------------|----------|
| MW-AZ0010-A | mWRAPR Saliva DNA/RNA Collection Tube | 2 mL | 2 mL | 50 Tubes |
| MW-AZ0010-B | mWRAPR Saliva DNA/RNA Collection Tube | Large | 250 mL | 250mL |
| MW-AZ0010-C | mWRAPR Saliva DNA/RNA Bulk | 1 mL | 1 mL | 50 Tubes |

Product Description:

mWRAPR Saliva DNA/RNA Collection Tube is designed for the efficient collection, stabilization, and transport of saliva samples while preserving both microbial and host genomic material at ambient temperature. The proprietary stabilization solution is free of cross-linking agents and nucleic acid-modifying substances, ensuring the integrity of genetic material for downstream applications such as molecular diagnostics and genomics.

Sample Stability

No cold chain or dry ice needed!

Transport and Ship Samples at Ambient Temperature

| TEMPERATURE | TIME |
|---------------------|---------------|
| -20°C and below | Indefinite |
| 4°C | Up to 1 year |
| Ambient Temperature | Up to 30 days |
| 37°C | Up to 14 days |
| 55°C | Up to 7 days |

Samples are stabilized at the time of collection to analysis

Consistent & High

Yields of Nucleic Acids

mWRAPR Saliva DNA/RNA Collection Tube is not only beneficial for sample transport but also for the long-term storage of saliva samples stabilizing the nucleic acids.

The yields of Nucleic acid isolated using AZUL Saliva DNA/RNA Extraction Kit from saliva samples stored in mWRAPR Saliva DNA/RNA Collection Tube shows consistent results for almost 30 days, when stored at RT.

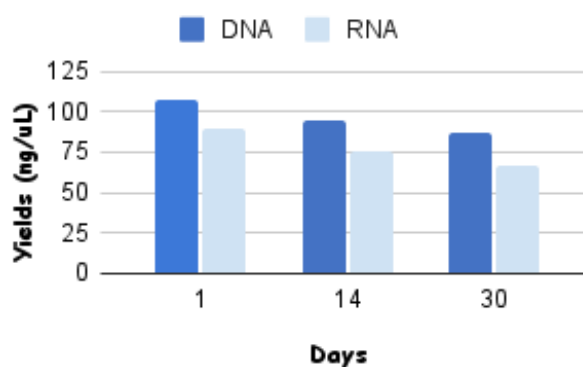


Fig 2: The graph demonstrates DNA/RNA isolated from 400µL saliva samples stored in mWRAPR Saliva DNA/RNA Collection Tube, maintains stability of DNA/RNA for up to 30 days at RT.

Can I still use the reagent if a precipitate has formed?

This can happen on occasion due to transport or storage at lower temperatures. The reagent functionality is not affected; however, the precipitate can be resolved by heating the reagent $>37^{\circ}\text{C}$.

What downstream applications are compatible with the mWRAPR?

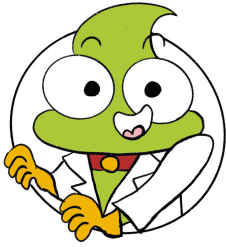
DNA & RNA stored in the reagent are intended for nucleic acid-based applications such as Next-Gen Sequencing, qPCR, microarray, etc.

What type of analyses can be performed on samples stabilized in mWRAPR?

mWRAPR preserves nucleic acids in biological samples at room temperature and is the best option for an unbiased RNA and DNA downstream analysis, making it ideal for NextGeneration Sequencing (NGS), qPCR, microarray, and proteomics, among others.

How do I dispose of samples collected in mWRAPR?

Sample disposal is dependent on the collected biological specimen. Please dispose of the contents/container in accordance with local/regional/national/international regulations.

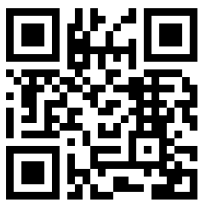


azooka

mWRAPR

Our Other Collection Kits

| Product | Catalog No. | Recommended Processing |
|--------------------------------------|-------------|---|
| mWRAPR Fecal Collection tubes | MW-AZ006 | AZUL Stool DNA/RNA extraction kit |
| mWRAPR Saliva Collection tubes | MW-AZ0010 | AZUL Saliva DNA/RNA extraction kit |
| mWRAPR Oral/Buccal Collection tubes | MW-AZ0011 | AZUL Microbiome DNA/RNA extraction kit |
| mWRAPR Cervical Collection tubes | MW-AZ0026 | |
| mWRAPR Microbiome Collection tubes | MW-AZ0022 | |
| mWRAPR Blood DNA Collection tubes | MW-AZD01 | AZUL Blood DNA extraction kit |
| mWRAPR Blood RNA Collection tubes | MW-AZR01 | AZUL Blood RNA extraction kit |
| mWRAPR Blood CF-DNA Collection tubes | MW-AZ002 | AZUL Blood CF-DNA extraction kit |
| mWRAPR Sperm Stabilization Solution | MW-AZ0028 | AZUL Sperm DNA extraction kit |
| mWRAPR Cell Preservation Medium | MW-AZ0029 | AZUL Animal Cell Culture DNA/RNA extraction kit |
| RNA WRAPR Bulk | MW-AZ003 | |



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