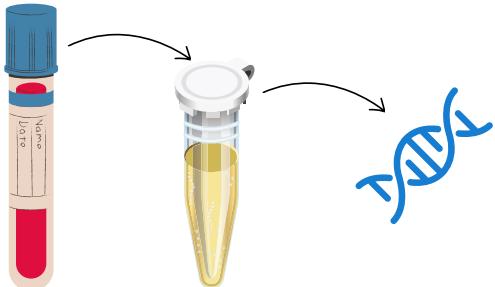


# mWRAPR

Molecular Transport Medium For Blood DNA / RNA / CF-DNA

Stabilize

Blood DNA / RNA / CF-DNA



**Storage:** Store at ambient temperature.

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

## mWRAPR Blood CF DNA Collection Tubes

### Product Information:

| Catalog No. | Product                              | Sample Input Vol. | Stabilization solution Vol. | Size     |
|-------------|--------------------------------------|-------------------|-----------------------------|----------|
| MW-AZ002-A  | mWRAPR Blood CF DNA Collection Tubes | 9.25 mL           | 0.75 mL                     | 50 Tubes |
| MW-AZ002-B  | mWRAPR Blood CF DNA Collection Tubes | Large             | 100 mL                      | 100 mL   |

### Product Description:

mWRAPR Blood CF DNA Collection Tubes are used for human whole blood collection and preservation of cf-DNA and circulating tumor cells during storage and transport. mWRAPR Blood CF DNA Collection Tubes use non-toxic reagents to stabilize blood cells. It prevents hemolysis and ensures minimal intracellular genomic DNA/RNA release from blood cells for ultra-pure cf-DNA extraction from plasma.

Sample Stability

No cold chain or dry ice needed!

Transport and Ship Samples at Ambient Temperature

| TEMPERATURE         | TIME          |
|---------------------|---------------|
| Ambient Temperature | Up to 10 days |
| 37°C                | Up to 5 days  |

Samples are stabilized at the time of collection to analysis

Consistent &amp; High

Yields of Nucleic Acids

**mWRAPR Blood CF DNA Collection Tubes V/S Streck CF-DNA BCT**

| Condition     | mWRAPR   | Streck               | EDTA                |
|---------------|--|----------------------|---------------------|
| Storage       | 10 days at RT  | 14 days at RT        | 48 hours at RT      |
| Plasma Volume | 10 mL Blood- ≥ 6 mL  | 10 mL Blood - 6 mL   | 10 mL Blood- ≥ 5 mL |
| Hemolysis     | <ul style="list-style-type: none"> <li>• Cancer Blood Samples- After 7 days</li> <li>• Healthy Blood Samples- After 10 days</li> </ul> | After 7 days         | Within 24 hours     |
| CF DNA Yields | 1-100 ng/1 mL Plasma   | 1-100 ng/1 mL Plasma | 1-30 ng/1 mL Plasma |

cf-DNA yields depends on the sample source and type.

**DNA/RNA Purification**

Samples stored in mWRAPR Blood DNA / RNA / CF-DNA 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 Blood DNA Collection Tubes

### Product Information:

| Catalog No. | Product                           | Sample Input Vol. | Stabilization solution Vol. | Size     |
|-------------|-----------------------------------|-------------------|-----------------------------|----------|
| MW-AZD01-A  | mWRAPR Blood DNA Collection Tubes | 3.5 mL            | 0.5 mL                      | 50 Tubes |
| MW-AZD01-B  | mWRAPR Blood DNA Collection Tubes | 8.5 mL            | 1.5 mL                      | 50 Tubes |
| MW-AZD01-C  | mWRAPR Blood DNA Collection Tubes | Large             | 100 mL                      | 100 mL   |

### Product Description:

The mWRAPR Blood DNA Collection Tube is designed with a proprietary stabilizing reagent, ensuring immediate preservation of intracellular DNA upon collection. It offers seamless collection, storage, and transportation of blood, enabling efficient isolation and purification of intracellular DNA for RT-PCR applications, NGS, facilitates precise and consistent gene expression analysis, crucial for molecular diagnostic testing.

#### Sample Stability

No cold chain or dry ice needed!

Transport and Ship Samples at Ambient Temperature

| TEMPERATURE         | TIME          |
|---------------------|---------------|
| 4°C                 | Up to 1 year  |
| Ambient Temperature | Up to 60 days |
| 37°C                | Up to 30 days |

Samples are stabilized at the time of collection to analysis

#### Consistent & High

#### Yields of Nucleic Acids

### mWRAPR Blood DNA Collection Tubes V/S PAXgene Blood DNA Collection Tube

| Condition              | mWRAPR   | PAXgene   | EDTA              |
|------------------------|--|---|-------------------|
| Storage                | <ul style="list-style-type: none"> <li>• 60 days at RT</li> <li>• 1 year at 4°C</li> </ul> | <ul style="list-style-type: none"> <li>• 14 days at RT</li> <li>• 28 days at 4°C</li> </ul> | 48 hours at RT    |
| Yields / Sample Volume | 50- 100 µg / 10 mL   | 150- 500 µg / 10 mL   | 30- 50 µg / 10 mL |
| Purity (A260/280)      | 1.7-1.9  | 1.7-1.9   | 1.7-2.0           |

DNA yields depends on the number of nucleated cells present in the blood sample.

## mWRAPR Blood RNA Collection Tubes

### Product Information:

| Catalog No. | Product                           | Sample Input Vol. | Stabilization solution Vol. | Size     |
|-------------|-----------------------------------|-------------------|-----------------------------|----------|
| MW-AZR01-A  | mWRAPR Blood RNA Collection Tubes | 3.5 mL            | 0.5 mL                      | 50 Tubes |
| MW-AZR01-B  | mWRAPR Blood RNA Collection Tubes | 8.5 mL            | 1.5 mL                      | 50 Tubes |
| MW-AZR01-C  | mWRAPR Blood RNA Collection Tubes | Large             | 100 mL                      | 100 mL   |

### Product Description:

The mWRAPR Blood RNA Collection Tube is designed with a proprietary stabilizing reagent, ensuring immediate preservation of intracellular RNA upon collection. It offers seamless collection, storage, and transportation of blood, enabling efficient isolation and purification of intracellular RNA for RT-PCR applications, NGS, facilitates precise and consistent gene expression analysis, crucial for molecular diagnostic testing.

Sample Stability

No cold chain or dry ice needed!

Transport and Ship Samples at Ambient Temperature

| TEMPERATURE         | TIME          |
|---------------------|---------------|
| 4°C                 | Up to 21 days |
| Ambient Temperature | Up to 10 days |
| 37°C                | Up to 5 days  |

Samples are stabilized at the time of collection to analysis

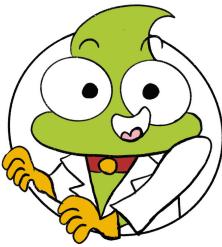
Consistent & High

Yields of Nucleic Acids

### mWRAPR Blood RNA Collection Tubes V/S PAXgene Blood RNA Collection Tube

| Condition              | mWRAPR  | PAXgene   | EDTA           |
|------------------------|---|---|----------------|
| Storage                | <ul style="list-style-type: none"> <li>• 10 days at RT</li> <li>• 21 days at 4°C</li> </ul> | <ul style="list-style-type: none"> <li>• 3 days at RT</li> <li>• 5 days at 4°C</li> </ul> | 24 hours at RT |
| Yields / Sample Volume | 2- 5 µg / mL  | 3 µg / 2.5 mL   | 2- 10 µg / mL  |
| Purity (A260/280)      | 1.8- 2.0  | 1.8- 2.0  | 1.7- 2.0       |

RNA yields depends on the number of nucleated cells present in the blood sample.



**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    | Depends on sample source                        |



[www.azooka.life](http://www.azooka.life)

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