

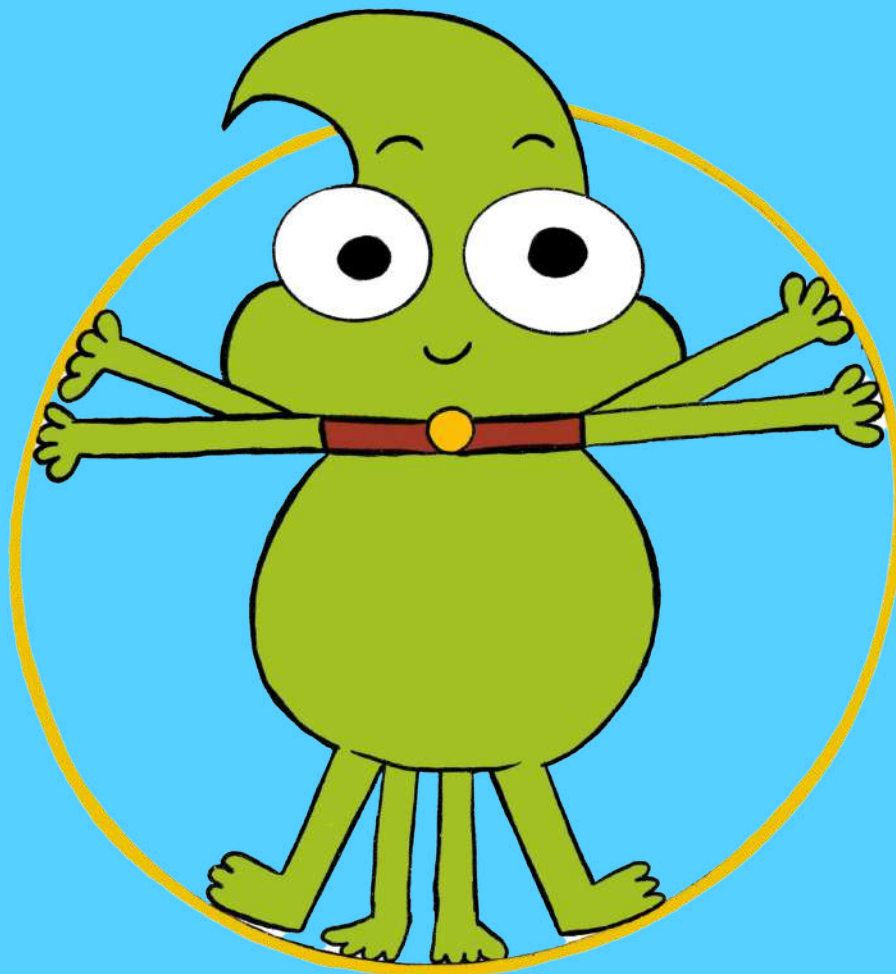


mWRAPR

Molecular Storage Medium

for

Research & Sequencing Labs



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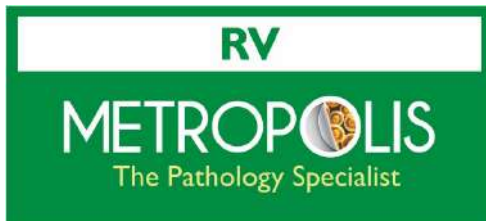
Customers & Influencers

Innovative!



a molecular transport medium that enables swab samples to be transported at room temp; could help address the problem of effectively transporting swab samples from field to labs for #COVID19 RT-PCR testing.

KIRAN MAZUMDAR SHAW



Zero Contamination Media

RNA WRAPR Molecular Transport Medium has shipped over 3,50,000 kits/ 9,00,000 ML for storing and transporting COVID-19 Samples. The product carries a contamination replacement warranty, there is Zero contamination claims for customers.

Proven in COVID-19 Crisis

RNA WRAPR was developed during the first wave of COVID-19 to leverage Primary Healthcare Centers in tier 2 & 3 cities and villages. PHCs have low resource device settings, no cold storage infrastructure and does not **require BSL 2 or 3 certification** to store COVID-19 samples. RNA WRAPR requires minimal virus handling training and is safe to handle.



It's All in the DNA & RNA

Molecular Grade Sample Collection Kits

Molecular grade sample collection and storage media is not manufactured in India. Post COVID-19, the price of molecular grade sample collection kit prices have increased 2x due to its increase in global demand. Azooka offers a complete range of molecular grade sample collection kits in ready to use formats for molecular biology and Diagnostics Labs.

Transport Samples at Room Temperature


Most diagnostic labs in India use serological and immunological tests to analyse disease progression. With onset of COVID-19 pandemic, WHO has mandated on Molecular tests or Nucleic Acid based detection to determine viral load. Nucleic Acid based testing is the defacto standard to detect any pathogenic disease worldwide. Labs have a mandate to upgrade to molecular diagnostics.

Maintain Sample Integrity on Cryo-Storage

The nucleic acid (DNA/RNA) content, quality and integrity is of utmost importance to obtain accurate and reliable results using molecular methods. Samples collected in RNA Wrapp preserve the nucleic acid content from degradation for prolonged periods of time when stored at -80, for up to 10 months at -20, 30 days at 4 deg and at RT for 10 days.

Digital Biorepository For Your Sample Cohorts

Digital Biorepository is essential to collect, transport, catalogue, store, and distribute your biological samples. Azooka is collaborating with Research and Diagnostics labs to get started with their digital biorepository to manage biological sample lifecycle.



Feature Packed, in any tube, any size

The RNA WRAPR solution can also be used for long term storage of samples at -80°C. Alleviates the use of liquid nitrogen long term storage, thus preventing damage from repeated freeze thaw cycles in complex samples such as blood.

Features



Collect, Store, and Transport Samples at Room Temperature (37 C)



Inactivate Pathogens and protects DNA and RNA content only



Maintain Sample Integrity over days or years

Benefits

- 1 No Contamination Field Record
- 2 Better DNA/RNA Yields on your samples
- 3 Save on Electricity and Cold Chain Transport Cost
- 4 No BSL2 /BSL3 facility required to process any pathogen samples
- 5 Safe Even on Accidental Spillage and Leakage during handling

1 ML
CRYO STORAGE

1 L
RESEARCH LABS

5 L
DNA SEQUENCING LABS

When Nucleic Acid Sample Integrity Matters

Stability of RNA Integrity (RIN) & rRNA Ratio over Time Points

The samples stored in the RNA WRAPR is stable for a longer period of time for up to 14 days at room temperature before the extraction and purification.

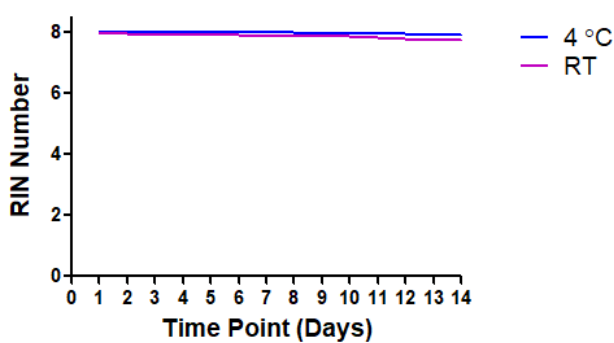


Fig.1. RNA integrity of liver tissue is not affected by the storage conditions at both room temperature and 4°C for up to 14 days.

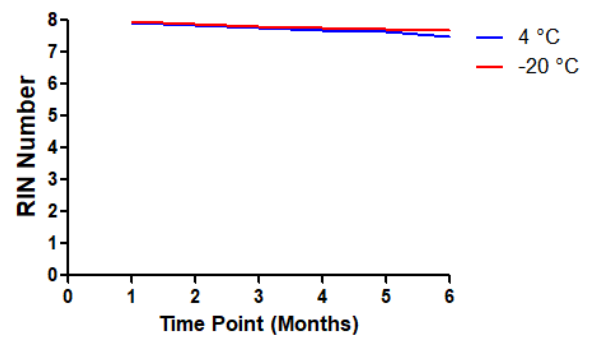


Fig. 2. RNA integrity of liver tissue is not affected by the storage conditions at 4°C and -20°C for up to six months and not affected by repeated freeze thaw up to 10 cycles.

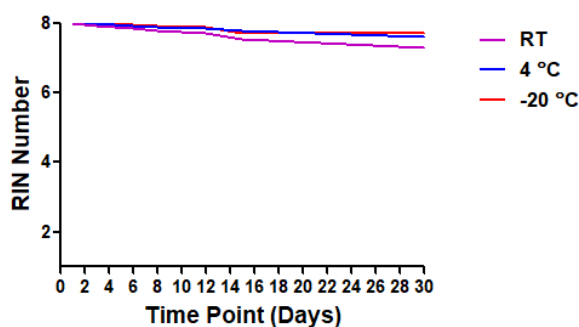


Fig. 3. RNA integrity of *Escherichia coli* is not affected by the storage conditions up to 30 days and not affected by freeze thaw up to 10 cycles.

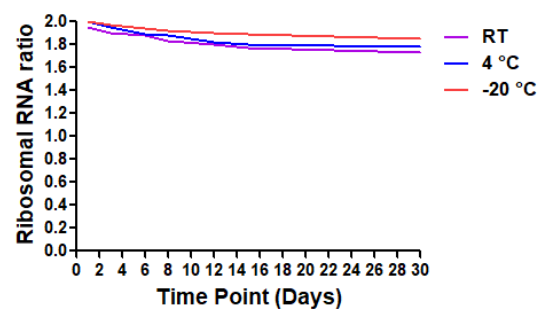
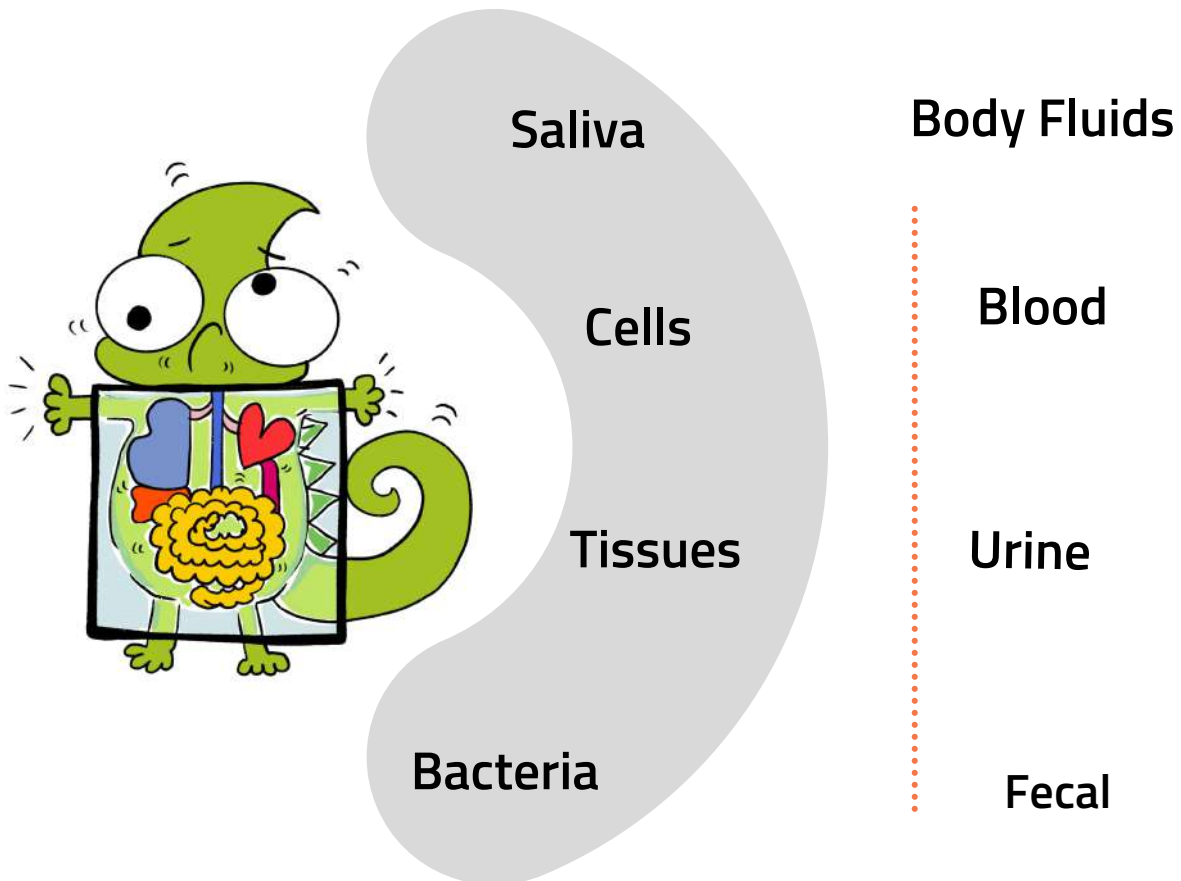


Fig. 4. Ribosomal RNA ratio of liver tissue is not affected by the storage conditions for up to 30 days.

Ready to Use Sample Collection Kits

All Formats, Molecular



RNA WRAPR

How to Order : Product Catalogue

Sample Type	Product Code	Suggested Sample Volume	Volume of mWRAPR	Size (Pack)	Price (INR)
Saliva	AZ-1100-A	1mL	3mL	50	
	AZ-1100-B	3mL	6mL	50	
	AZ-1100-C	Large	100mL	100 mL	
Eukaryotic Cells (Animal)	AZ-2100-A	10 ⁶	300 μ L	50	
	AZ-2100-B	10 ⁷	600 μ L	50	
	AZ-2100-C	10 ⁹	1 mL	50	
Tissues	AZ-3100-A	30 mg	600 μ L	50	
	AZ-3100-B	60 mg	1 mL	50	
	AZ-3100-C	Large	100 mL	100 mL	
Microbial Cells (Bacteria/Yeast)	AZ-4100-A	10 ⁶	300 μ L	50	
	AZ-4100-B	10 ⁷	600 μ L	50	
	AZ-4100-C	10 ⁹	1 mL	50	
Blood	AZ-5100-A	100 μ L	500 μ L	50	
	AZ-5100-B	1 mL	3 mL	50	
	AZ-5100-C	3 mL	6 mL	50	
	AZ-5100-D	Large	100mL	100 mL	
Urine	AZ-6100-A	100 μ L	500 μ L	50	
	AZ-6100-B	1 mL	3 mL	50	
	AZ-6100-C	3 mL	6 mL	50	
	AZ-6100-D	Large	100mL	100 mL	
Fecal	AZ-7100-A	1 g	9 mL	50	
	AZ-7100-B	2 g	18 mL	50	
	AZ-7100-C	Large	100 mL	100 mL	

Technical and
ApplicationSupport

Azooka Technical and Application support during Evaluation and Trial Runs. You can reach via phone or Whatsapp Business Number

hello@azooka.life
Scientist-on-call Number

Catalog, Store and Distribute

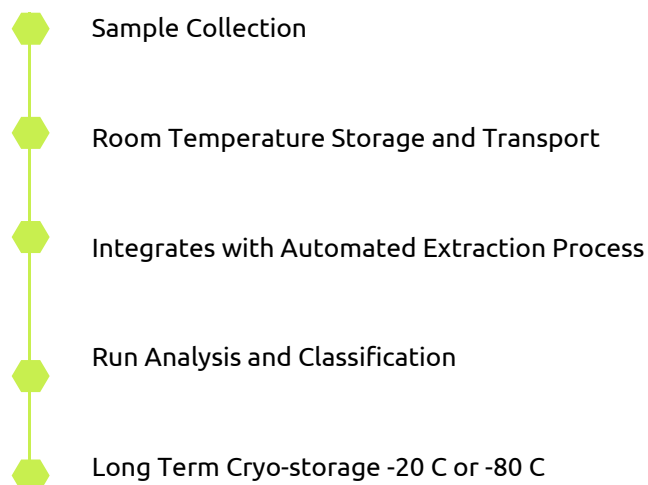
Biorepository to catalogue your Samples

Plant, Animal, Organisms need optimum collection, storage media and conditions are key to provide high quality bio specimens for downstream applications. mWrapr preserves the nucleic acid integrity during **long term cryo storage**, It minimizes false results during downstream testing and applications such as qPCR or sequencing.

Biobank for your Sample Cohorts

Sample Cohorts from Human Genomic profile to fast track New Research
1 Human * 10 samples created 3500 allocated sample variants etc

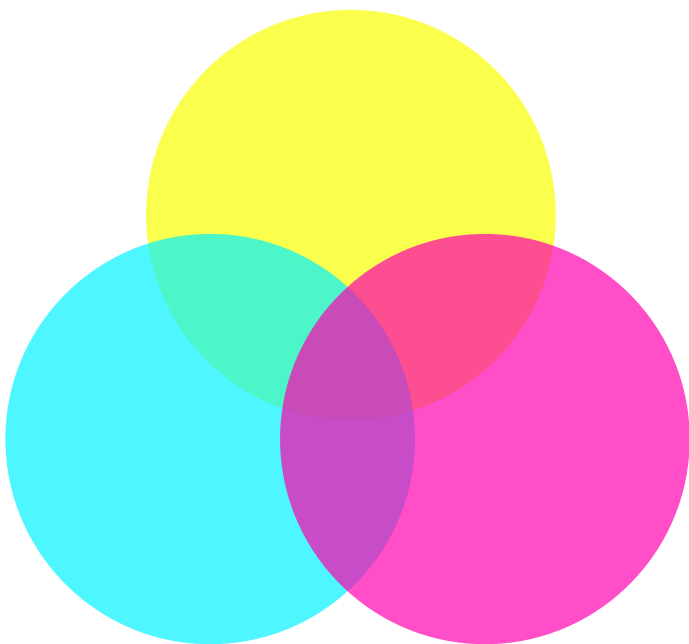
Bio-Repository Process



Downstream Applications
qPCR
Sequencing
Biobanking

Automated DNA / RNA Extraction Devices

Compatible with Thermofisher KingFisher and Qiagen



Nucleic acids purified from samples collected and stored in RNA Wrapr, are compatible with commercially available RNA/DNA extraction kits, such as Qiagen, thermofisher and others for use in automated extraction systems.

Nucleic Acids Quantification

PCR, qPCR, and RT-PCR

High quality and integral nucleic acids (DNA/RNA) are obtained from samples collected and stored in RNA Wrapr for use in high throughput devices and downstream applications.

DNA Sequencing

Most diagnostic labs in India use biochemical tests to analyse disease progression. With onset of COVID-19 pandemic, WHO has mandated on Molecular tests or Nucleic Acid based detection to determine viral load. Nucleic Acid based testing is the defacto standard to detect any disease. worldwide. Labs have a mandate to upgrade to molecular diagnostics.



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BY



BACKED BY



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