

mWRAPR_{ccf-DNA/RNA}

Circulating Cell Free Blood DNA/RNA Tubes



PRODUCT DESCRIPTION

mWRAPR ccf-DNA/RNA Blood tubes for human whole blood collection and preservation of cf-DNA, cf-RNA and circulating tumor cells during storage and transport. mWRAPR ccf-DNA/RNA Blood tubes use non-toxic reagents to stabilize blood cells. mWRAPR ccf-DNA/RNA Blood tubes prevent haemolysis and ensure minimal intracellular genomic DNA/RNA release from blood cells for ultra-pure ccf-DNA/RNA extraction from plasma.

FEATURES

- Stabilizes extracellular ccf-DNA (150-600 bp), ccf-RNA & circulating tumor cells for up to 14 days at room temperature
- High Plasma throughput without any loss in the volume and quality
- Accurate and reproducible ccf-DNA/RNA yields for downstream processing including, NGS, all PCR techniques, gene expression analysis, Liquid biopsy and NIPT
- Inhibits cell lysis, thereby eliminating release of intracellular DNA/RNA and fragmentation
- Prevent hemolysis, eliminating the need for immediate plasma preparation
- ccf-DNA/RNA can be directly isolated from the separated plasma or serum from mWRAPR ccf-DNA blood tubes using extraction kits
- Recovered Plasma from mWRAPR ccf-DNA/RNA blood tube is compatible with other ccf-DNA/RNA isolation methods.

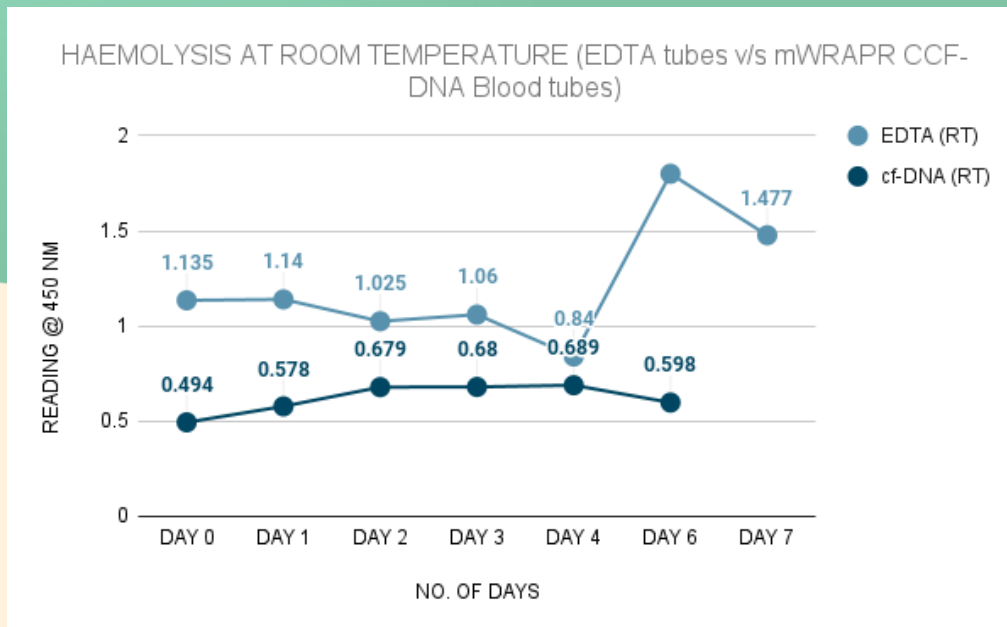
Product Specifications

Tube material	Polypropylene
Closure type	Vacuum Cap
Tube size	16 * 100 mm
Blood Draw Volume	8.4 mL in 10 mL tubes
Preservative Volume	1.6 mL
Recovered Plasma Volume	Approx. 6-7 mL

Product Name	Cat. No.	Draw Vol.	Stabilization solution Vol.	Pack Size	Price € (Euros)
mWRAPR Blood CCF-DNA/RNA Tubes	MW-AZ002-A	3.2mL	800µL	50 tubes	
	MW-AZ002-B	8.5mL	1.5mL	50 tubes	
	MW-AZ002-C	Bulk	Bulk	100mL	On Request

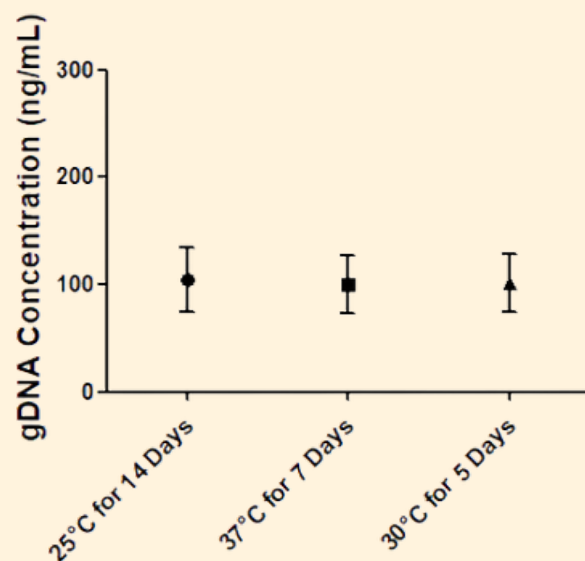
For Research Use Only. Not for use in Diagnostic purposes.

Stability of CCF-DNA/RNA stored in mWRAPR CCF-DNA/RNA tube



The figure shows mWRAPR ccf-DNA/RNA tube minimizes free hemoglobin level, indicator of hemolysis, as compared to K2-EDTA tubes.

The graph shows that mWRAPR ccf-DNA tube stabilizes DNA/RNA in the nucleated cellular fraction

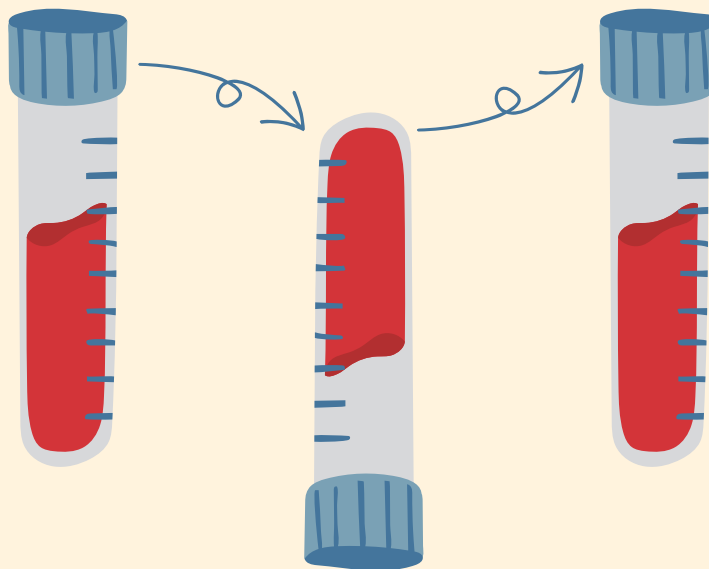


Storage Conditions

- mWRAPR ccf-DNA/RNA Blood preservative tubes without any blood samples can be stored at room temperature until the expiry and are stable for up to 2 years
- Do not freeze with mWRAPR ccf-DNA/RNA blood preservative tube without any samples for more than 5 days
- Isolated Plasma/Serum from blood samples collected in the mWRAPR ccf-DNA/RNA blood tube can be stored at -20°C or -80°C for long-term storage.

Mixing Instructions

- After blood collection, invert the mWRAPR ccf-DNA/RNA Blood Tube 8 - 10 times immediately within 1 min.
- Improper mixing can result in hemolysis and blood clotting.





RESEARCH CENTRE:

Society for Innovation and Development, Indian Institute of Science,
Malleshwaram, Bengaluru, Karnataka, India- 560055

MANUFACTURED AT:

1A, Kushal Garden Arcade, 'C' Block, 5th Floor, Peenya Industrial Area,
2nd Phase, Bengaluru, Karnataka, India- 560058

IN ASSOCIATION WITH



hello@azooka.life