

cfDNA Preservation Solution

Cat. No.: F1518660 | Pack size: 100 mL / 500 mL | Storage: Room temperature

Overview

This product is designed for the preservation of cell-free DNA (cfDNA) in fresh blood at room temperature, meeting the needs for sample collection, preservation, and room-temperature transportation in various scenarios such as field sampling and operating rooms. It is a non-denaturing solution that effectively protects the integrity of cfDNA molecules by inhibiting nuclease activity, without altering the natural structure of biological macromolecules.

Product Features

- **Easy to Use:** Simply mix fresh blood directly with the preservation solution. No need for liquid nitrogen, dry ice, or -80°C ultra-low temperature equipment, making it suitable for rapid, large-scale sample collection in clinical and field settings.
- **Long-Term Stability:** Stably preserves cfDNA in blood for up to 15 days at 4-25°C.
- **Broad Applicability:** Suitable for cfDNA extraction; the obtained samples can be used in molecular biology experiments such as PCR and qPCR.

Instructions

- Add 1 mL of Cell-Free DNA Preservation Solution to 10 mL of fresh blood sample and mix thoroughly.
- Store the sample protected from light at 4-25°C.
- Proceed with sample processing using a standard cfDNA extraction method.

Specifications

Attribute	Value
Synonyms	Cell-Free DNA Preservation Solution Cell-Free DNA Storage Solution
Specifications & Purity	BioReagent, Suitable for molecular biology, ready-to-use
Stability And Storage	Store at room temperature long term (24 months).
Storage Conditions	Room temperature
Shipped In	Normal
Grade	BioReagent, ready-to-use, Suitable for molecular biology

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

NORTH AMERICAN SALES, SUPPORT & GENERAL INQUIRIES

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Limitations & Disclaimer

For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.

This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals.

Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, transportation, disposal, and emergency procedures.

Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the product for their specific application.

Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document must be revalidated before use.