

BPTE Running Buffer (10×, RNase Free)

Cat. No.: B1518790 | Pack size: 500 mL | Storage: Room temperature

Overview

BPTE Running Buffer (10×, RNase-Free) is primarily composed of PIPES, Tris, and EDTA. It is a commonly used buffer for RNA electrophoresis. This product is treated with 0.1% DEPC to effectively inactivate nucleases, ensuring RNA integrity during electrophoresis. For use, dilute 10-fold with DEPC-treated water to obtain a 1× working solution. It is suitable for both denaturing and non-denaturing agarose gel electrophoresis of RNA.

This product is for research use only. Not for use in diagnostic procedures or other purposes.

Procedure (For Reference Only)

- Take an appropriate amount of BPTE Running Buffer (10×) and dilute it 10-fold with DEPC-treated water. Mix well to obtain the 1× working solution.
- Pour the 1× working solution into the electrophoresis tank and proceed with RNA gel electrophoresis.

Notes

- Strictly avoid RNase contamination throughout the entire experiment. It is recommended to use RNase-free consumables and DEPC-treated water.
- For your safety and health, please wear laboratory appropriate attire and disposable gloves during operation.
- Use the reagent as soon as possible after opening and keep it sealed to avoid affecting subsequent experimental results.

Specifications

Attribute	Value
Synonyms	BPTE electrophoresis buffer (10×, RNase free)
Specifications & Purity	BioReagent, Suitable for molecular biology, RNase free, for NA electrophoresis, 10×
Stability And Storage	Store at room temperature long term (12 months).
Storage Conditions	Room temperature
Shipped In	Normal

Attribute	Value
Grade	BioReagent, for NA electrophoresis, RNase free, 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 Aladdin Scientific Corporation 14078 Meridian Parkway, Riverside, CA 92518, USA Phone: 1-833-552-7181 Sales: sales@aladdinsci.com Customer Service: custserv@aladdinsci.com	EU SALES, LOGISTICS & LOCALIZED SUPPORT Aladdin Biochem Deutschland GmbH Westring 2, 33142 Büren, Germany Phone: +02951 9383958 Support: support.eu@aladdinsci.com
---	---

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.