

10×DNA Loading Buffer

Cat. No.: L767013 | Pack size: 2 × 1 mL; 10 × 1 mL | Storage: Store at -20°C, Avoid repeated freezing and thawing

Product Information

Item	Description
Synonyms	DNA Loading Buffer, 10×
Specifications & Purity	BioReagent, for NA electrophoresis, suitable for electrophoresis, 10×
Stability And Storage	Store at 2-8°C for 3 months. Store at -20°C for 12 months. Upon delivery aliquot. Avoid freeze/thaw cycle.
Storage Conditions	Store at -20°C, Avoid repeated freezing and thawing
Shipped In	Ice chest + Ice pads This product requires cold chain shipping. Ground and other economy services are not available.

Product Introduction

The 10 × DNA loading buffer contains two tracer dyes, bromophenol blue and xylene blue FF. In 1% agarose gel electrophoresis, bromophenol blue could migrate with ~300bp fragment, and xylene blue FF could migrate with ~4000bp fragment.

Precautions

For your own safety, please take protective measures such as wearing lab coats and gloves before using the reagents.

Instructions for Use

1. Melt the 6 × DNA loading buffer at 37 ° C;
2. Gently swirl to ensure even mixing of the solution;

3. Add one 10 × DNA loading buffer to nine DNA samples;
4. Mix thoroughly;
5. Perform electrophoresis after sample loading.

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.

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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 for research and development purposes.
- ☐ 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, and disposal information.
- ☐ Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the kit 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 would be reviewed and reissued.