

1M LiAc (10×)

Cat. No.: M1524604 | Pack size: 50ml | Storage: Store at 2-8°C

Overview

1 M LiAc (10×) is a buffer reagent for preparing competent cells of *Saccharomyces cerevisiae*. Lithium ions can induce a transient competent state in yeast cells, enabling the cells to take up exogenous DNA. This product can be mixed with 10× TE buffer to prepare 1.1× TE/LiAc Solution for yeast competent cell preparation. The transformation efficiency tested with pGADT7 plasmid can reach 10^4 - 10^6 cfu per microgram of DNA.

Precautions

1. Unopened 1 M LiAc (10×) can be stored at 4 °C for 2 years. Discontinue use if microbial contamination is observed after opening.
2. This product is intended for research purposes only. It shall not be used for medicine, clinical diagnosis and treatment, food, cosmetics or other applications, and must not be stored in residential premises.
3. Our company shall not be held responsible for any accidents arising from improper use of this product.

Specifications

Item	Specification
Specifications & Purity	BioReagent, for Microscopy, Sterile, 1 M in water
Stability And Storage	Store at 2-8 °C long term (24 months).
Storage	Store at 2-8°C
Shipped In	Wet ice This product requires cold chain shipping. Ground and other economy services are not available.
Application	Microbial culture

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 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 would be reviewed and reissued.