

Lysozyme Solution (50 mg/mL)

Cat. No.: L1520264 | Pack size: 5 mL | Storage: Store at -20°C

Overview

This product is a Lysozyme Solution with a concentration of 50 mg/mL. Its main component is lysozyme, formulated with an appropriate buffer system. Lysozyme specifically cleaves the peptidoglycan in bacterial cell walls, disrupting the cell wall structure and causing bacterial lysis, thereby releasing intracellular components (such as nucleic acids and proteins). It is widely used in molecular biology and biochemistry experiments, including bacterial sample processing, nucleic acid extraction, and protein purification, providing an efficient and convenient bacterial lysis tool for scientific research.

Usage Instructions

Can be used for nucleic acid (genomic DNA, RNA, etc.) extraction experiments from bacteria.

Precautions

This reagent is intended for research use only and is strictly prohibited for clinical diagnosis, food, pharmaceutical, or other non-research purposes.

Specifications

Attribute	Value
Specifications & Purity	BioReagent, Suitable for molecular biology, 50 mg/mL
Stability And Storage	Store at -20°C long term (12 months). Avoid freeze/thaw cycle. Upon receipt, it is recommended to aliquot.
Storage Conditions	Store at -20°C
Shipped In	Ice chest + Ice pads. This product requires cold chain shipping. Ground and other economy services are not available.
Grade	BioReagent, 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.