

Gentamicin-Amphotericin B Solution (100×, Sterile)

Cat. No.: G1509576 | Pack size: 100ml | Storage: Store at -20°C

Overview

Adding an appropriate concentration of antibiotics to the cell culture medium can effectively prevent microbial contamination. At present, the most commonly used antibiotics are Penicillin-Streptomycin Solution (100×, Sterile).

Gentamicin-Amphotericin B Solution (100×, Sterile) contains 25 µg/ml amphotericin B. It is prepared with PBS, sterilized by filtration, and can be directly added to the cell culture medium for cell culture. It should be used at a 1:100 dilution; one package (i.e., 100 ml of Gentamicin-Amphotericin B Solution (100×, Sterile)) can be used to prepare 10 L of cell culture medium. This reagent is for research use only and not intended for clinical diagnosis or any other purposes.

Operating Procedures (For Reference Only)

Gentamicin-Amphotericin B Solution (100×, Dual Antibiotics) can be used by either of the following two methods:

1. Direct addition to sterile cell culture medium: Add 5 ml of Gentamicin-Amphotericin B Solution (100×, Sterile) to every 500 ml of cell culture medium, mix well, and it is ready for use.
2. Addition during the preparation of cell culture medium followed by filtration sterilization: Add 10 ml of Gentamicin-Amphotericin B Solution (100×, Sterile) for every 1 L of cell culture medium during preparation. After the medium is prepared, perform filtration sterilization before use.

Precautions

1. Minimize the number of repeated freeze-thaw cycles to avoid a decrease in efficacy.
2. Please use the reagent as soon as possible after opening to prevent adverse effects on subsequent experimental results.
3. Pay attention to aseptic technique and avoid contamination as much as possible.
4. For your safety and health, wear a lab coat and disposable gloves during operation.

Specifications

Attribute	Value
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Attribute	Value
Available Size(s)	100ml
Synonyms	Gentamicin-Amphotericin B Solution
Specifications & Purity	sterile-filtered, BioReagent, for cell culture, 100×
Stability And Storage	Store at -20°C long term (12 months).
Storage Conditions	Store at -20°C
Shipped In	Ice chest + Ice pads
Shipping Note	This product requires cold chain shipping. Ground and other economy services are not available.

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 urgent product quality or safety questions, reference the product catalog number and lot number.

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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 must be reviewed and reissued.