



Antibiotic/Antimycotic Solution (100x) LTA_nB-L06

General Information

Antibiotic/Antimycotic Solution is used to prevent bacterial and fungal contamination. It contains a combination of penicillin and streptomycin acting against gram-positive and gram-negative bacteria, and amphotericin B, which acts against yeast and multicellular fungi. Antibiotic/Antimycotic Solution is provided as a ready to use 100x concentrate.

Applications

- Broad range antibiotic (penicillin and streptomycin)
- Antifungal spectrum (amphotericin B)
- Suitable for contaminated cells
- Recommended as primary cell line prophylaxis

Appearance	Clear yellowish frozen liquid
Storage and shelf life	Store at ≤-15°C. Avoid repeated freeze-thaw cycles. Preparation of aliquots recommended. Once opened, store at +4°C and use within 4-6 weeks.
Shipping conditions	Frozen (Dry ice)
Thawing	Overnight at +2°C to +8°C. Swirl gently to homogenize.
Working concentration	Recommended final concentration: 10 ml/l

Formulation

Components	Concentration
Amphotericin B	25 mg/l
NaCl	9000 mg/l
Penicillin G Sodium	10 ⁷ Units/l
Sodium deoxycholate	205 mg/l
Streptomycin sulfate	10000 mg/l

Precautions and Disclaimer

This product is for research use only.