

# Antibiotic/Antimycotic Solution (100x) | 831100

## Product Overview

Volume: 100 ml Storage:  $\leq -15^{\circ}\text{C}$  Sterility: Sterile-filtered

**Antibiotic/Antimycotic Solution (100x)** is a sterile, ready-to-use concentrate designed to reduce microbial contamination risks in cell culture and related laboratory applications. This 100x solution contains a well-established combination of penicillin, streptomycin, and amphotericin B—providing broad-spectrum antimicrobial activity against Gram-positive and Gram-negative bacteria, yeasts, and filamentous fungi. The formulation is suitable for use in eukaryotic cell cultures, bacterial media, and other contamination-sensitive systems, supporting clean and consistent lab operations.

## Application and Benefits

Optimized for routine research protocols, this solution is widely used to maintain aseptic conditions in cell culture workflows. It offers reliable performance in contamination-sensitive environments, helping researchers reduce the risk of microbial overgrowth without compromising cell health or experimental reproducibility. The sterile-filtered formulation eliminates the need for additional solubilization steps, supporting streamlined media preparation and reducing variability in daily lab procedures.

## Usage and Compatibility

To achieve standard working concentrations, dilute the solution 1:100 into your complete culture medium. The product is compatible with a broad range of mammalian cell lines and basal media. With consistent stock availability, researchers benefit from dependable supply continuity and simplified logistics planning. The solution should be stored at  $\leq -15^{\circ}\text{C}$  and protected from repeated freeze-thaw cycles to maintain stability.

*For research use only. Not for use in diagnostic or therapeutic procedures. Not for use in humans or animals.*