Antibiotic/Antimycotic Solution (100x)

831100

Volume: 100 ml

Storage: ≤-15°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 ≤ –15 °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.

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