

## Product Information

Antibiotic/Antimycotic Solution (100x)  
Cat. No. AAS-B (100 ml)

### General Information

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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

### Product Specifications

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Appearance	Clear yellowish frozen liquid
Storage and shelf life	Store at $\leq -15^{\circ}\text{C}$ , protected from light. Avoid repeated freeze-thaw cycles. Preparation of aliquots recommended. Once opened, store at $+4^{\circ}\text{C}$ , protected from light and use within 4-6 weeks.
Shipping conditions	Frozen (Dry ice)
Thawing	Overnight at $+2^{\circ}\text{C}$ to $+8^{\circ}\text{C}$ , protected from light. Swirl gently to homogenize.
Working Concentrations	Recommended final concentration: 10 ml/L

### Formulation

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Components	Concentration
Amphotericin B	25 mg/L
NaCl	9000 mg/L
Penicillin G Sodium	$10^7$ Units/L
Sodium deoxycholate	20.5 mg/L
Streptomycin sulfate	10000 mg/L

### Precautions and Disclaimer

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This product is for research use and further manufacturing only.

### Help Needed?

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If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).