



## Product Information

Antibiotic/Antimycotic Solution (100x)

Catalog no: GBAS01/01F

### General Information

Antibiotic/antimycotic solution is used to prevent contamination from bacteria and mycoses. Yeast and multicellular fungus are both combated by amphotericin B, which is also present. Gram-positive and gram-negative bacteria can be killed by penicillin and streptomycin when used in combination. It is provided as a 100x concentration of ready-to-use antibiotic/antimycotic solution.

### Applications

- Amphotericin B, a broad-spectrum antifungal, is recommended as a main cell line prophylactic.
- Penicillin and streptomycin are also broad-spectrum antibiotics.
- Contaminated cells can use them.

### Specification

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

### Need Help?

If you have any further queries, please feel free to email our cell culture specialists at [info@genexisbiotech.com](mailto:info@genexisbiotech.com)

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