

# Penicillin-Streptomycin-Amphotericin B (P/S/A) Solution (100×)

Cat#: CC1055, 100 ml

Store at -20°C

## INTRODUCTION

**Antibiotic-Antimycotic** is a solution that is commonly added to cell culture media to prevent contamination by various bacteria and fungi. This solution contains 10,000 units/mL of penicillin, 10,000 µg/mL of streptomycin, and 25 µg/mL of Amphotericin B. Penicillin is a Beta-lactam antibiotic that is effective in inhibiting Gram-positive bacteria. Streptomycin is an aminoglycoside antibiotic which is effective against most Gram-negative bacteria. Amphotericin B is effective against multi-cellular fungi and yeasts.

## SPECIFICATION

**Product Form:** Liquid

**Sterility:** Sterile-filtered

**Concentration:** 100X

**Working concentration:** 1X

**Penicillin :** 10,000 units/mL

**Streptomycin:** 10,000 µg/mL

**Amphotericin B:** 25 µg/mL

**Antimicrobial spectrum:** Gram-positive bacteria, Gram-negative bacteria & fungus

## NOTES

1. This product is for research use only.
2. This product is sterilized by 0.22 µ m filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the pollution.
4. It is not suitable for long time storage at room temperature or 4 °C.
5. Thaw in 2 -8°C and mix fully before use. Avoid repeated freezing and thawing. It is recommended to aliquot the solution and store at -20°C.
6. This product is a concentrated solution and dilute it to the desired concentration before use.

## PRODUCT USE LIMITATION

These products are intended for research use only.