

Amphotericin B, Sterile

1 Contents

Components	HY-K1052-10 mL	HY-K1052-50 mL
Amphotericin B, Sterile (250 µg/mL)	10 mL	50 mL

2 Introduction

Amphotericin B is a polyene antifungal antibiotic produced by *Streptomyces nodosus*. It can bind with sterols to form transmembrane channels, resulting in the leakage of intracellular substances, thus inhibiting fungal and yeast contamination.

This solution contains 250 µg Amphotericin B and 205 µg sodium deoxycholate per milliliter. Sodium deoxycholate is a solubilizer in distilled water.

3 General Protocol

The Amphotericin B solution can be used according to the following methods:

1. Add Amphotericin B solution in proportion to the sterile cell culture solution, mix well before use.
2. Add Amphotericin B solution in proportion to the cell culture solution, filter and sterilize.

4 Storage

-20°C 2 years

5 Precautions

1. Minimize repeated freeze-thaw cycles.
2. Pay attention to aseptic operation to avoid contamination.
3. The working concentration of this product is set for the serum-containing basal medium. When used in a serum-free medium, the dosage should be appropriately reduced to avoid cytotoxicity.
4. This product is for R&D use only, not for drug, household, or other uses.
5. For your safety and health, please wear a lab coat and disposable gloves to operate.