

Gentamicin-Amphotericin B (500×), Sterile

1 Packing list

Components	HY-K1008-10 mL	HY-K1008-100 mL
Gentamicin-Amphotericin B (500×), Sterile	10 mL	100 mL

2 Introduction

MCE Gentamicin-Amphotericin B (500×), sterile is used to prevent contamination of cell culture due to their effective combined action against gram-positive bacteria, gram-negative bacteria, fungi and yeasts.

MCE Gentamicin-Amphotericin B (500×) is a liquid formulation which contains 5 mg/mL of gentamicin, and 125 µg/mL of amphotericin B in 0.85% NaCl solution. Common working concentration for gentamicin is 10 µg/mL, and for amphotericin B is 0.25 µg/mL.

3 General Protocol

The Gentamicin-Amphotericin B (500×), sterile can be used according to one of the following methods:

1. Add Gentamicin-Amphotericin B (500×), sterile in proportion (1:500 (v/v)) to the sterile cell solution, mix well before use.
2. Add Gentamicin-Amphotericin B (500×), sterile in proportion (1:500 (v/v)) to the cell culture solution, filter and sterilize.

4 Storage

-20°C, 1 year

5 Precautions

1. Avoid repetitive freeze-thaw cycles.
2. Always use sterile reagents, tubes and tips to avoid contamination.
3. A small amount of precipitation may occur, which is normal. Sufficient incubation at room temperature can completely dissolve the precipitate.
4. 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.
5. This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.
6. For your safety and health, please wear a lab coat and disposable gloves to operate.