

Penicillin-Streptomycin-Amphotericin B Solution (100×)

Cat #: A-CSH753

Size: 100mL

Storage: Room temperature (12 months)

Product Description

Penicillin-Streptomycin-Amphotericin B Solution (100×) is a mixture of three antibiotics specifically designed for cell culture. It has been sterile filtered and can be directly added to cell culture media. The solution contains 10,000 units/ml of penicillin, 10 mg/ml of streptomycin, and 25 µg/ml of amphotericin B. The recommended working concentrations in cell culture media are 100 units/ml of penicillin, 0.1 mg/ml of streptomycin, and 0.25 µg/ml of amphotericin B. This product is used at a 100-fold dilution, meaning that 100 ml of Penicillin-Streptomycin-Amphotericin B Solution (100×) can be used to prepare 10 liters of cell culture media

Usage

Penicillin-Streptomycin-Amphotericin B Solution (100×) can be used according to one of the following methods:

1. Add 5 ml of the solution directly to 500 ml of sterile cell culture media, mix well, and use.
2. When preparing cell culture media, add 10 ml of the solution to 1 liter of media, filter sterilize, and use.

Notes

1. Store away from light, perform aseptic operations, and prevent contamination.
2. It is recommended to aliquot the solution to minimize repeated freeze-thaw cycles and avoid contamination of the stock solution.
3. For your safety and health, please wear laboratory attire and disposable gloves when handling

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.