

Penicillin-Streptomycin-Gentamicin Solution (100X)

P743385

Storage at -20°C. Avoid freeze/thaw cycle. Protect from light.

Introduction:

1. Penicillin-Streptomycin-Gentamicin Solution (100X) contains three antibiotics. It is sterile and can be added directly into cell culture medium.
2. Penicillin-Streptomycin-Gentamicin Solution (100X) is containing 10 kU/ml of penicillin, 10 mg/ml of streptomycin, and 5 mg/ml of gentamicin. The recommended working concentration of penicillin in cell culture is 100 U/ml, streptomycin is 0.1 mg/ml and gentamicin is 50 µg/ml.
3. One package of this product is sufficient for preparing 10L of cell culture medium.

Instructions for Use:

Penicillin-streptomycin-gentamicin solution (100X) can be used in one of the following two ways:

1. Add this product directly to sterile cell culture medium at a ratio of 1:100. For example, add 5ml of this product into 500ml of sterile cell culture medium, and mix well before use.
2. Add this product when preparing cell culture medium, and then sterilize the mixture by filtration. For example, add 10ml of this product into 1L of unsterile cell culture medium prepared, and then sterilize the mixture by filtration.

Precautions:

1. Pay attention to aseptic operation to prevent contamination.
2. It is recommended to aliquot and minimize the number of freeze-thaw cycles. Avoid contaminating the stock solution when using it.
3. This product is for R&D only. Not for drug, household, or other uses.
4. For your safety and health, please wear a lab coat and disposable gloves during the operation.