Gentamicin Solution (10 mg/mL)

Contains 10 mg/mL Gentamicin in Cell Culture Water

Cat. No. CGEN001 | Size: 100 ML

1. Product Description

Gentamicin is an antibiotic widely used to prevent bacterial contamination in animal cell culture. It binds to the ribosomes of Gram-positive and Gram-negative bacteria, inhibiting their protein synthesis and proliferation, and can also kill certain bacteria. Additionally, it can be applied to bacteria resistant to tetracycline, chloramphenicol, and kanamycin.

2. Composition

Component	Concentration	Targets
Gentamicin	10 mg/mL	Gram-positive bacteria & Gram-negative bacteria

3. Product Quality Specifications

Appearance	pH	Osmolality	Sterility
Colorless clear liquid	pH 4.0 ~ 6.0	25 ~ 50 mOsm/kg H_2O	Sterile

4. Storage Conditions and Precautions

Protect from direct light and store refrigerated (2~8°C). The expiration date is indicated on the product label; do not use expired products. Product degradation may appear as precipitates, floating particles, turbidity, or color change; discard if any are observed. Storing against the inner walls of a refrigerator where temperatures may approach 0°C can cause degradation due to ice crystal formation. The addition of extra substances may also cause degradation.

5. Usage Instructions and Precautions

This product is a sterile solution. Open the cap only in a sterile environment (e.g., a clean bench) using aseptic technique. It is recommended to use the entire contents after opening; otherwise, aliquot into a suitable sterile container and store properly.