

## Kanamycin Sulfate Solution (100mg/mL)

Cat #: A-CSH432

Size: 10mL

Storage: -20°C, protected from light (12 months)

### Product Description

Kanamycin Sulfate Solution (100mg/mL, sterile) is a solution prepared by dissolving kanamycin sulfate in deionized water and filtering it through a 0.22µm filter. This solution is commonly used in cell culture experiments to inhibit bacterial contamination and selectively screen bacteria clones with successful transformation of kanamycin resistance gene (kan gene).

### Usage

1. Thaw the solution completely and mix thoroughly before use.
2. This solution is typically used at a concentration of 100µg/mL. Add 100µL (one-thousandth) of the solution to 100mL of culture medium and mix well. If pouring onto a culture medium plate, ensure the medium is not too hot before adding.

### Notes

1. Pay attention to aseptic techniques to avoid contamination.
2. Avoid repeated freezing and thawing to prevent loss of efficacy or decreased efficiency.
3. For your safety and health, wear laboratory attire and disposable gloves when handling this reagent.

### Disclaimer

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