

Product Information

Gentamicin Solution (10mg/ml), sterile-filtered
Cat. No. GEN-10B (100 ml)

General Information

Gentamicin sulfate is a water-soluble antibiotic, originally purified from the fungus *Micromonospora purpurea*. Gentamicin acts by binding to the 30S subunit of the bacterial ribosome, leading to inhibition of protein synthesis and death in susceptible bacteria.

Gentamicin is effective against a wide variety of gram-positive and gram-negative bacteria, and is used for the prevention of bacterial contamination in cell cultures.

Applications:

- Broad range antibiotic, effective against gram-positive and gram-negative bacteria
- Limited effectiveness against mycoplasma
- Suitable on primary cells

Product Specifications

Appearance	Clear solution
Storage	Store at +2°C to +8°C.
Shipping conditions	Ambient
Working concentration	Recommended final concentration: 50 µg/ml

Precautions and Disclaimer

This product is for research use only. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).