

## Product Information

Gentamicin Solution (10 mg/ml)

Cat. No.: P0100-780      Volume: 100 ml

### Product Description

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 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

Endotoxin	As reported
Sterility	Tested
Storage	+2°C to +8°C.
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.