

Gentamicin Solution (50mg/mL, TBS8049)

Catalog	Unit Size
TBS8029-50ML	50 mL
TBS8029-100ML	100 mL

DESCRIPTION

Gentamicin sulfate is a broad-spectrum antibiotic. It inhibits the growth of a wide variety of Gram-positive and Gram-negative microorganisms, including strains resistant to tetracycline, chloramphenicol, kanamycin and colistin, particularly strains of *Pseudomonas*, *Proteus*, *Staphylococcus*, and *Streptococcus*. Gentamicin sulfate inhibits bacterial protein biosynthesis by binding to the 30S subunit of the ribosome.

Gentamicin solution is sterile-filtered and prepared to contain 50 mg/ml of gentamicin in deionized water. It is cell culture tested and is appropriate for use in cell culture applications.

The general recommended working concentration is 50 µg/ml for eukaryotic cell culture and 15 µg/ml for prokaryotic cells.

COMPONENTS:

Gentamicin Sulfate: 50mg/mg in water

PACK SIZE

50mL or 100 mL /bottle, Sterile.

Store at -20°C.

PREPERATION FOR CELL CULTURE

This product is recommended for use in cell culture applications at a volume of 1 ml per liter. Gentamicin is stable at 37 °C for 5 days.

RELATED PRODUCTS

MSC Medium (TBS8021)
Ham's F-12 Medium (TBS8032)
DMEM Medium (TBS6061)
Chondrogenic Differentiation Medium (TBS8062)
RPMI16040 Medium (TBS8063)
Hybridoma Growth Medium (TBS8074)
DMEM-F12 Mixture (TBS8083)
ESC/iPSC-qualified FBS (TBS8002)
Adipocyte Differentiation Cocktail (TBS8017)
0.1% Gelatin Solution (TBS8004)
2x HBS, pH7.05 (TBS5076)
Cell Culture Grad Water (TBS5050) LB Medium (TBS8056)
HAT Supplement (TBS8075)
HT Supplement (TBS8073))
Hybridoma Growth Medium (TBS8074)
Pen-strep-fug solution (TBS8037)
Pen-strep solution (TBS8029)

Research use only.