



Product Insert
Neomycin Solution

Product:
Neomycin Sulfate Solution

Catalogue Number:
BIO-87029 10ml

Features

- Cost effective
- Ready-to-use solutions
- Time saving
- Stable at -20°C
- Solutions in ethanol can be used directly from the freezer
- Avoids handling of toxic or harmful substances
- No sterile filtration required

Applications

- Cell culture
- Plasmid selection
- Gene regulation

Description

Neomycin causes cell death by blocking protein synthesis. High concentrations of neomycin can cause toxicity in eukaryotic cells by interacting with mitochondrial ribosomes and, with reduced affinity, other eukaryotic ribosomes. Neomycin resistance is mediated by aminoglycoside phosphotransferase (*nptII* gene), which inactivates neomycin by phosphorylation.

Product Specifications

Batch Number:
See vial

Storage Conditions:
Neomycin Solution can be stored at -20°C for 12 months. Neomycin Solution will remain stable if stored as specified.

Shipping Conditions:
On Blue Ice

CAS Number: 1405-10-3

Concentration:
50mg/ml in Water

Safety Precautions:

This product is for R&D use only, not for human use, or any other use. May cause sensitisation by inhalation and skin contact. Please refer to the material safety data sheet for information regarding hazards and safe handling practice.



Xn: HARMFUL

Associated Products:

Product Name	Pack Size	Cat No
α-Select Gold Efficiency	1ml (20 x 50µl)	BIO-85027
α-Select Electrocompetent	1ml (10 x 100µl)	BIO-85028
CH ₂ -Blue Competent Cells	1ml (10 x 100µl)	BIO-85039
3' RACE Kit	20 Reactions	BIO-86032
SOC Medium	10 x 10ml	BIO-86033

Notes

1. This product insert is a declaration of analysis at the time of manufacture.
2. Research Use Only.

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