



Product Insert
Kanamycin Solution

Product:
Kanamycin Sulfate Solution

Catalogue Number:
BIO-87028 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

Kanamycin sulfate causes cell death by binding to 70S ribosomal subunits, which inhibits ribosomal translocation and causes miscoding. Kanamycin resistance is mediated by aminoglycoside phosphotransferase (*kan* gene), which inactivates kanamycin by phosphorylation.

Product Specifications

Batch Number:
See vial

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

Shipping Conditions:
On Blue Ice

Concentration:
100mg/ml in Water

CAS Number: 70560-51-9

Safety Precautions:
This product is for R&D use only, not for human use, or any other use. Please refer to the material safety data sheet for information regarding hazards and safe handling practice.

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.

UK
Bioline
16 The Edge Business Centre
Humber Road
London, NW2 6EW
U.K

Tel: + 44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

Germany
Bioline GmbH
Im Biotechnologiepark TGZ 2
D-14943 Luckenwalde
Germany

Tel: +49 (0)33 7168 1229
Fax: +49 (0)33 7168 1244

email: info@bioline.com
website: www.bioline.com

USA
Bioline USA Inc.
305 Constitution Dr.
Taunton
MA 02780
USA

Toll Free: 888 257 5155
Tel: 508 880 8990
Fax: 508 880 8993

Australia
Bioline (Aust) Pty Ltd
PO Box 122
Alexandria NSW 1435
Australia

Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763