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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Kanamycin Sulfate Solution (100×)

Cat. No: PB180128
Size: 100mL

General Information

Product Form	Liquid
Concentration	100×
Kanamycin Sulfate	10mg/mL
Recommended working concentration	30-100µg/mL
Dissolvent	0.85% NaCl
Antimicrobial spectrum	Gram-positive bacteria & Gram-negative bacteria
Storage	-20°C, Shading light
Shipping	Ice bag or dry ice
Expiration date	12 months

Background

Kanamycin is an aminoglycoside antibiotic that binds to 30S ribosomes to cause misreading of mRNA codes, thereby inhibiting protein synthesis. It is effective against both Gram-positive bacteria and Gram-negative bacteria. Kanamycin can be used in cell culture to inhibit bacterial contamination. In molecular biology research, it is often used to selectively screen bacterial clones that have successfully transformed the kanamycin resistance gene. It is also commonly used in agrobacterium-mediated transformation experiments to selectively screen plant tissues carrying npt II (APH3) genes.

Notes

1. This product is for research use only.
2. This product is sterilized by 0.22 µ m filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the pollution.
4. Avoid repeated freezing and thawing. It is recommended to defrost at 2-8°C and aliquot the solution and store at -20°C.
5. This product is a concentrated solution. Please dilute it as needed.