

Kanamycin

Please read the manual carefully before use

Cat. No. GG201

Concentration: 50 mg/ml

Storage: at -18°C or below for one year

Description

Kanamycin is a bactericidal antibiotic that acts by binding to the 70S ribosome subunit, causing misreading of mRNA. The kanamycin resistance gene typically encodes aminoglycoside phosphotransferase. This enzyme can alter this antibiotic, preventing its interaction with ribosomes.

Working concentration: 10 µg/ml for stringent plasmids, 50 µg/ml for relaxed plasmids.

For research use only, not for clinical diagnosis.

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