

Product Data Sheet

Product Name: Mycoplasma Removal Agent Plus

Cat. No.: GC20269

Chemical Properties

Cas. No.

Formula

M.Wt

Solubility

Storage Stored at 4°C, valid for one year.
After being prepared into a solution,
store it at -20°C.

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Mycoplasma Removal Agent Plus is a reagent used to inhibit and eliminate widespread mycoplasma contamination in cultured cells. On one hand, it can be used to remove existing mycoplasma contamination in cells, and on the other, to prevent mycoplasma contamination.

This reagent can effectively inhibit and eliminate various types of mycoplasma, including Mycoplasma orale, M. arginini, M. hyorhinis, and Acholeplasma laidlawii.

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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It is a naturally derived antibiotic selected through screening, with a low concentration when inhibiting or eliminating mycoplasma, causing no toxicity to cells. Like the commonly used antibiotics penicillin and streptomycin in cell culture, it does not interfere with various routine cell tests.

Easy to use, typically adding this reagent to the cell culture medium for about a week can effectively inhibit or eliminate mycoplasma.

It is cost-effective, as the additional cost of adding this reagent to the culture medium per liter is negligible compared to the cost of serum used to prevent or inhibit mycoplasma growth.

This reagent is white and soluble in water and ethanol.

The effective inhibitory concentration of this reagent is 0.01-0.2µg/ml, and the effective concentration for eliminating mycoplasma is 0.5-200µg/ml, with the most commonly used concentration being 1-50µg/ml. The specific working concentration may vary depending on the type of mycoplasma and needs to be explored in practice to find the appropriate working concentration.

A 10mg package of this reagent can prepare 50 liters of working solution at 0.2µg/ml, 500ml at 20µg/ml, or 200ml at 50µg/ml. A 50mg package can prepare 250 liters at 0.2µg/ml, 2500ml at 20µg/ml, or 1000ml at 50µg/ml.

Mycoplasma Removal Agent Plus is irritating to humans; please be careful during operation and take appropriate precautions to avoid direct contact with the body or inhalation.

This reagent can effectively inhibit or eliminate various types of mycoplasma, but it cannot guarantee to inhibit or eliminate any type of mycoplasma encountered in actual experimental operations. Moreover, mycoplasma may develop resistance with long-term use of this reagent. If the efficacy of this reagent is poor, consider using Glpbio's Mycoplasma Removal Agent (GC20270).

This product is for scientific research by professionals only and should not be used for clinical diagnosis or treatment, nor in food or pharmaceuticals, and should not be stored in residential areas.

For your safety and health, please wear a lab coat and disposable gloves while handling this product.

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