



Penicillin / Streptomycin Solution (P/S)

Catalog Number: 0503

Product Description

Penicillin-Streptomycin Solution is a 5mL 100x solution designed to aid researchers in reducing risks of contamination. It consists of 10,000 units/mL of Penicillin and 10,000 µg/mL of Streptomycin in saline solution. The penicillin serves as interference in the final stages of synthesis of the bacterial cell wall, while streptomycin binds to the 30S subunit causing a misread. 1mL of Penicillin / Streptomycin Solution is to be used for every 99mL of medium. The solution is sterile filtered through a 0.2µm membrane filter.

Formulation

Penicillin G Sodium Salt	1 x 10 ⁷ units / L
Streptomycin	10 g/L
NaCl	8.5 g/L

Specifications

Cell Culture Test	Pass
Endotoxin (EU/ml)	<0.5
Sterility	Pass
Storage	-20°C

Product Use Statement

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or in vitro procedures.

Caution: If handled improperly, some components of this product may present a health hazard. Take appropriate precautions when handling this product, including the wearing of protective clothing and eyewear. Dispose of properly.