



**Antibiotic/Antimycotic Solution
(ABAMS)**
Catalog #0533

Product Description

Antibiotic/Antimycotic Solution (ABAMS) is a 50mL 100x solution designed to aid researchers in reducing risks of bacterial and fungal contamination. It consists of 10,000 units/mL of Penicillin, 10,000 µg/mL of Streptomycin and 25µg/ml amphotericin B in saline solution. The penicillin interferes with the final stages of synthesis of the bacterial cell wall, while streptomycin binds to the 30S subunit causing a misread. The amphotericin enhances the permeability of the fungal cell wall, making it susceptible to the leakage of its inner contents. 1mL of ABAMS is to be used for every 99mL of medium. The solution is sterile filtered through a 0.2µm membrane filter.

Specifications

Endotoxin (EU/ml)	<0.5
Sterility	Pass

Product Use

ABAMS is for research use only. It is not approved for human or animal use, or for application in clinical or *in vitro* diagnostic procedures.

Storage

Store at -20°C.

Shipping

Dry ice.

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.