

## **Penicillin-Streptomycin Solution (100X)**

Catlog No. 6917

### **Description**

Penicillin was originally purified from the fungus *Penicillium* and acts by interfering directly with the turnover of the bacteria cell wall and indirectly by triggering the release of enzymes that further alter the cell wall. Streptomycin was originally purified from *Streptomyces griseus*. Streptomycin acts by binding to the 30S subunit of the bacterial ribosome leading to inhibition of protein synthesis and death in susceptible bacteria.

### Formulation

Contains 10,000 units of penicillin (base) and 10,000 µg of streptomycin (base)/ml utilizing penicillin G (sodium salt) and streptomycin sulfate in 0.85% saline.

### **Storage Condition**

Store the solution at -20°C.

### **Shipping**

Ice pack.

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