

## Streptomycin, Sulfate Salt Solution

Contains 50 mg/mL streptomycin, sulfate salt  
in Ultra Pure Water

DNase, RNase and protease – none detected

Catalog Number **ML 003-06**

Storage Temperature -5~-20°C

### Product Description

Streptomycin inhibits protein synthesis by binding to S12 protein of 30S ribosomal subunit, causing misreading or inhibiting initiation.

**ML 003-06** contains 50 mg/mL streptomycin, sodium salt in Ultra Pure Water (**ML 019-02**). Working concentration is 25~50 µg/mL.

### Storage/Stability

Streptomycin solution should be stored at -5~-20°C. Deterioration of the liquid may be recognized by (1) precipitate or particulate matter throughout the solution, (2) cloudy appearance, (3) color change, and/or (4) pH change. Product label bears expiration date.

### Precautions

For *In Vitro* Use Only

### Product Profile

Appearance	Clear colorless solution
DNase, RNase and protease	None detected
Sterility	Sterilized by 0.2 µm filtration system. Sterility tests are performed in accordance with protocols described in USP.

### Molecular Weight

1457.4 g/mole

### Molecular Formula

C<sub>42</sub>H<sub>88</sub>N<sub>14</sub>O<sub>38</sub>S<sub>3</sub>

### Molecular Structure

