

## Penicillin/Streptomycin (100X solution)

#GTC05.0100 (100ml)  
(FOR RESEARCH ONLY)



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<b>Product:</b>	Filter sterilized, ready-to-use concentrated broad band antibiotic mixture of 10,000U/ml Penicillin and 10mg/ml Streptomycin in 0.9% NaCl, effective against Gram(+) and Gram(-) bacteria.
<b>Quantity:</b>	#GTC05.0100 comprises 100ml of a 100X concentrated mixture of Penicillin and Streptomycin.
<b>Applications:</b>	Antibiotic(s) for Cell Culture.
<b>Appearance:</b>	Clear colourless solution.
<b>Specifications:</b>	Penicillin G content: 10,000 – 12,000 U/ml Streptomycin content: 10 – 12 mg/ml Sodium Chloride: 9.00 mg/ml pH: 6.0 – 7.0 Osmolality: 280 – 400 mOsmol/kg Endotoxin (at 1x): ≤0.5 EU/ml sterility: sterile shelf-life at 37°C: 5 days
<b>Storage:</b>	-20°C for up to 1 years.

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### Usage:

Dilute the Penicillin/Streptomycin (100X solution) 1:100 in the culture medium (e.g., mix 10ml of the antibiotic mixture with 990ml of culture medium).