

Antibiotic-Antimycotic Solution (100X solution)

#GTC10.0100 (100ml)

(FOR RESEARCH ONLY)



Product:	Antibiotic-Antimycotic Solution is a mixture of Penicillin, Streptomycin, and Amphotericin B in saline solution, and is used to prevent bacterial and fungal contamination in cell cultures. The effective combined action of the antibiotics Penicillin and Streptomycin result in toxicity towards Gram(-) and Gram(+) bacteria, whereas Amphotericin B acts against yeast and multicellular fungi.		
Quantity:	#GTC10.0100 comprises 100ml of a 100X concentrated mixture of Penicillin, Streptomycin and Amphotericin B.		
Applications:	Antibiotic(s) for Cell Culture.		
Appearance:	Clear yellowish solution.		
Specifications:	Penicillin:	10,000 – 12,000 U/ml	
	Streptomycin:	10 – 12 mg/ml	
	Amphotericin B:	>25µg/ml	
	Sodium Chloride:	9.00 mg/ml	
	Endotoxin:	≤0.5 EU/ml	
	sterility:	sterile	
Storage:	Store at -20°C for up to 2 years. Once defrosted, store at 2°C to 8°C for up to 4 weeks. If needed, once can freeze the solution again, promptly after using. For this, aseptically prepare aliquots of convenient volume, as repeated freeze/thaw cycles should be avoided.		

Usage:

Dilute the Antibiotic-Antimycotic Solution (100X) 1:100 in the culture medium (e.g., mix 10ml of the antibiotic mixture with 990ml of culture medium).