

Cell Culture Supplements from Gemini Bio-Products

Product	Catalog #	Size	Antimicrobial Activity Spectrum	Mode of Action	Usage	Storage	Stability in Media@ 37°C
Amphotericin B (Fungizone®) 250 µg/mL in solution 205 µg/mL sodium deoxycholate	400-104	100 mL	yeasts, molds	Permeabilizes fungal cell membranes	0.5-2.5 µg/mL	frozen @ -20°C	3 days
Antibiotic/Antimycotic Solution 10,000 U/mL penicillin G 10 mg/mL streptomycin 25 µg/mL amphotericin B	400-101	100 mL	Gram- bacteria, Gram+ bacteria, yeasts, molds	(as per constituents)	10 mL/L	frozen @ -20°C	3 days
Carbenicillin Powder	400-105P	2 g 5 g	Gram- bacteria, some Gram+ bacteria	Inhibits cell wall synthesis	100 mg/L	desiccated @ +4°C	3 days
G418 (Geneticin®) 50 mg/mL in solution Powder	400-113 400-111P	20 mL 1 g 5 g	Used to select for cells expressing resistance	Blocks protein synthesis	4-8 mL/L 200-400 µg/mL	refrigerated @ +4°C desiccated @ +4°C	8 days
Gentamicin Sulfate 10 mg/mL 50 mg/mL Powder	400-107 400-108 400-100P	6 x 20 mL 6 x 20 mL 10 g	Gram- bacteria, Gram+ bacteria, mycoplasma	Inhibits protein synthesis	5 mL/L 1 mL/L 50 mg/L	refrigerated @ +4°C refrigerated @ +4°C desiccated @ +4°C	5 days
L-Glutamine-Pen-Strep 200 mM L-glutamine 10,000 U/mL penicillin G 10 mg/mL streptomycin	400-110	100 mL	Gram- bacteria, Gram+ bacteria	(as per constituents)	10 mL/L	frozen @ -20°C	NA
Penicillin G Powder	400-109P	25 MU 100 MU	Gram+ bacteria	Inhibits cell wall synthesis	100 U/mL	desiccated @ +4°C	3 days
Pen-Strep Solution 10,000 U/mL penicillin G 10 mg/mL streptomycin	400-109	100 mL	Gram- bacteria, Gram+ bacteria	(as per constituents)	10 mL/L	frozen @ -20°C	3 days
Streptomycin Powder	400-118P	100 g	Gram- bacteria, Gram+ bacteria	Inhibits protein synthesis	100 mg/L	desiccated @ +4°C	3 days
L-Glutamine 200mM solution Powder	400-106 400-106P	100 mL 100 g	NA NA	NA NA	10 mL/L 200 mM	frozen @ -20°C desiccated @ +4°C	NA NA

Fungizone® is a registered trademark of E.R. Squibb

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supplies a comprehensive suite of antibiotics suitable for the prevention or eradication of microbial contaminants from mammalian cell culture. These products are lyophilized, aseptically packaged, sterile-filtered and/or gamma-irradiated to ensure sterility. Quality cell culture supplements at reasonable prices...another way that Gemini brings you "culture with exceptional value."

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