



PREVENTIVE ANTIBIOTICS

For Reliable Cell Culture

MINIMIZE RISK. MAXIMIZE CONFIDENCE.

Bacterial and fungal contamination remain one of the leading causes of data loss, culture failure, and lab downtime. Preventive antibiotics are a critical tool in safeguarding valuable cell lines — particularly in primary cultures, screening campaigns, or high-throughput systems where aseptic risk is elevated.

Capricorn Scientific offers a comprehensive portfolio of sterile-filtered, ready-to-use antibiotic solutions for effective contamination control — manufactured under ISO-certified conditions, tested for performance, and designed to support the integrity of your research.

CAPRICORN SCIENTIFIC'S ANTIBIOTICS PRODUCT RANGE

PRODUCT NAME	ACTIVE COMPONENTS	TARGET ORGANISMS	RECOMMENDED USE
Penicillin/Streptomycin (100x) PS-B	Penicillin G Streptomycin	Gram ⁺ & Gram ⁻ bacteria	Standard for mammalian cell cultures
Penicillin/Streptomycin with L-Glutamine (100x) PSG-B	Penicillin G Streptomycin L-Glutamine	Gram ⁺ & Gram ⁻ bacteria	Time-saving dual supplement
Antibiotic/Antimycotic Solution (100x) AAS-B	Penicillin G Streptomycin Amphotericin B	Gram ⁺ & Gram ⁻ bacteria & fungi	For primary cells or mixed risk
Amphotericin B Solution (100x) AMP-B	Amphotericin B	Fungi	Targeted antifungal use
Gentamicin (10 mg/ml) GEN-10B	Gentamicin sulfate	Broad-spectrum: Gram ⁺ & Gram ⁻ bacteria	Alternative or extended coverage

PROVEN RELIABILITY

IN DAILY CELL CULTURE PRACTICE

Capricorn Scientific's preventive antibiotic solutions offer a dependable safety layer, standardized, ready-to-use, and tailored to the microbial challenges most commonly encountered in modern cell culture. Whether used routinely during startup or selectively in high-risk workflows, our antibiotics contribute to maintaining clean systems and reliable results.



CAPRICORN SCIENTIFIC'S ANTIBIOTICS – SAFEGUARDING CELL CULTURES FROM THE START

>> Broad-spectrum protection

Effective against gram-positive, gram-negative bacteria and fungi, supporting sterility in diverse culture systems

>> Convenient one-step supplementation

Available as 100x concentrates for direct use in media, minimizing contamination risks during critical handling steps

>> Reliable formulations for routine use

Sterile-filtered, standardized, and tested to support reproducible results in daily cell culture workflows

>> Supports aseptic assurance

Ideal for primary cells, genetically modified lines, and long-term cultures where sterility is critical

ORDER INFORMATION

PRODUCT	VOL.	CAT. NO.
Antibiotic/Antimycotic Solution (100x)	100 ml	AAS-B
Penicillin/Streptomycin (100x)	100 ml	PS-B
Penicillin/Streptomycin (100x), with L-Glutamine	100 ml	PSG-B
Amphotericin B Solution (100x)	100 ml	AMP-B
Gentamicin Solution, 10 mg/ml	100 ml	GEN-10B



SCAN FOR MORE
INFORMATION

For further support, feel free to contact our experts at techservice@capricorn-scientific.com or phone (+49 6424 944 64 0).

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