

A Prevention Spray for your Cell Culture.

Myco-Out Mycoplasma Removal Spray

MP BIOMEDICALS



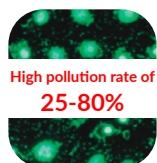
Beat Mycoplasma Today!
Scan the QR Code to learn more

MYCOPLASMA

Mycoplasmas are small, cell wall-deficient bacteria that can contaminate cell cultures, potentially compromising the accuracy of your research. Their minute size and lack of a cell wall make them difficult to detect using standard microbiological methods, and they are resistant to many commonly used antibiotics.

Why is Mycoplasma Contamination a concern?

- Invisibility in Cultures: Mycoplasma contamination typically does not cause turbidity or visible changes in cell cultures, making it difficult to detect without specific testing.
- Impact on Research: These contaminants can alter cell metabolism, growth rates, and morphological characteristics, leading to inaccurate experimental results.
- Persistent and Pervasive: Mycoplasma can persist in cell lines and spread, contaminating other cultures and laboratory environments.



High pollution rate of
25-80%

- Cell morphological changes and slow growth
- Causing chromosomal abnormality/adnormalities
- DNA/ RNA degradation
- Stimulate immune response > Cytokine activation

MYCOPLASMA PREVENTION

Myco-Out Mycoplasma Removal Spray

(Cat# 093050853)



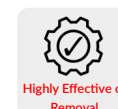
Easy to Use

User-friendly, ready-to-use spray, eliminating the need for tedious methods like fumigation and alcohol wiping



Fast and Non-Toxic

The Mycoplasma-specific peptide surfactant works in just 5-10 minutes without harming cells.



Highly Effective of Removal

Efficacy studies confirm its effectiveness in removing Mycoplasma from surfaces like liminar flow cabinets coated with Mycoplasma-positive HeLa cell culture.



Broad Antimicrobial Spectrum

It eliminates Mycoplasma and inactivates various microorganisms, including bacteria, viruses, and fungal spores.

Product Name	Packaging Size	Product No.
Myco-Out Mycoplasma Removal Spray	450 mL	093050853
Myco-Out Mycoplasma Removal Spray (No spray head for Refill)	1.8 L	093050853 X 4



Scan the QR Code to Watch
Our Mycoplasma Video!



www.mpbio.com



Application Area:



Biosafety Cabinet



CO₂ incubator

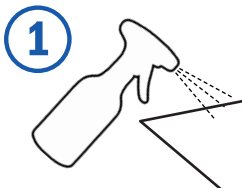


Liquid Nitrogen Tank



Pipette

Workflow:



Spray it directly on the surfaces



Wait for 5-10 mins



Wipe with Clean Paper Towel



Ventilate for 2-3 mins

FAQ

Q1: What is MP Biomedicals Myco-Out Mycoplasma Removal Spray?

MP Biomedicals' Myco-Out Mycoplasma Removal Spray is a ready-to-use peptide surfactant, specially formulated to eliminate mycoplasma quickly, effectively, and safely in various work environments. It also offers broad-spectrum antimicrobial disinfection.

Q2: What surfaces can I use the Myco-Out Mycoplasma Removal Spray on?

The spray is ideal for use on surfaces like benches, biosafety cabinets, laminar flow hoods, cell incubators, pipettes, liquid nitrogen tanks, and door handles.

Q3: How often should I treat cell incubators and cabinets with the Mycoplasma spray?

It is recommended to treat cell incubators with this product every 2 to 4 weeks, and laminar flow or biosafety cabinets every 2 to 3 days, ideally daily or before each use.

Q4: What are some tips for optimizing the effectiveness of the Mycoplasma spray?

- Regularly monitor cell cultures for any signs of contamination to take prompt preventive measures.
- Store the Mycoplasma spray in a cool, dry place and avoid direct exposure to sunlight.
- Follow the recommend treatment schedule for different equipment.

Q5: Can Myco-Out Spray be used for other microorganisms besides Mycoplasma?

Yes, the spray has a broad antimicrobial spectrum and can inactivate bacteria, envelope-free viruses, fungal spores, and other microorganisms such as Staphylococcus, Escherichia coli, Penicillium chrysogenum, Pseudomonas aeruginosa, Candida albicans, bovine diarrhea virus, adenovirus, polyomavirus, norovirus, cowpox virus, and fungal spores.

Q6: How does Myco-Out Mycoplasma Removal Spray compare to ethanol spray? Which should be applied first?

Myco-Out Mycoplasma Removal Spray is specially designed to eliminate mycoplasma and other tough microorganisms that ethanol may miss. While ethanol is effective for general cleaning, it doesn't provide the same level of microbial control, especially for mycoplasma. Using both sprays together, in any order, ensures more comprehensive surface decontamination.

Mycoplasma Detection & Removal

Product	Pack Size	Cat. No
Myco-Visible Mycoplasma Rapid Test Kit	24 Preps	093050901
Myco-Visible Mycoplasma LAMP Detection Kit	40 Preps	093050601
Myco-Sniff™ Mycoplasma PCR Detection Kit	1 Kit	093050201
Myco-Sniff-Valid™ Mycoplasma PCR Detection Kit	1 Kit	093050301
Myco-Sniff-Rapid™ Mycoplasma Luciferase Detection Kit	1 Box	0930504-CF
Mycoplasma Removal Agent (MRA)	1 Box	0930500-CF

Cleaning Solution

Product	Pack Size	Cat. No
LabCare Cell Culture Room Antimicrobial Spray	450 mL	093051053
LabCare Incubator Antimicrobial Spray	450 mL	093051153
LabCare Incubator Water Disinfectant Solution	500 mL	093051254
LabCare Water Bath Disinfectant Solution	500 mL	093051354
Nuc-Off Nucleases Removal Spray	450 mL	112460450
Nuc-Off Nucleases and DNA Removal Spray	450 mL	112461450
Nuc-Off Nucleases and Nucleic Acid Removal Spray	450 mL	112462450

If you're facing any challenges with mycoplasma, feel free to reach out to us for assistance!



Scan the QR code for Technical Support