

### Instruction Manual

Catalog Number	PK-CC91-5051; PK-CC91-5051-10
Description	<p>Mycoplasma-ExS Spray is a reliable, all-around anti-microbial agent that is very safe and simple in its use. It is free of alcohols and harmful volatile organic compounds (VOCs) such as aldehydes. It is based on silver-polymer technology and provides a long-lasting, strong effect against mycoplasmas, bacteria, fungi and non-enveloped viruses. Mycoplasma-ExS is excellent for maintaining a clean, contamination-free work area.</p> <p>Mycoplasma-ExS Spray is highly effective against a broad spectrum of unwanted microbes commonly found in biological labs and has been validated according EN 13697. It completely eliminates reference microbes like <i>Pseudomonas aeruginosa</i>, <i>Escherichia coli</i>, <i>Enterococcus hirae</i>, and <i>Staphylococcus aureus</i> (incubation time of 5 minutes at 22°C).</p> <p>The ready-to-use disinfectant does not irritate skin and it is not known to cause allergies. Moreover, it is neither carcinogenic (causing cancer) nor mutagenic (damaging genes). Mycoplasma-ExS Spray is excellent for cleaning and disinfection of hard laboratory surfaces and apparatuses, including laminar flow hoods, incubators, work benches, cell storage boxes, cryo-chambers, or instruments – making it ideal for laboratory everyday use.</p> <p>Mycoplasma-ExS Spray is non-corrosive to metal, does not damage plastic or rubber and is far less damaging to most surfaces than alcohol, bleach or hydrogen peroxide.</p>
Quantity	<ul style="list-style-type: none"> <li>• 500 ml (PK-CC91-5051)</li> <li>• 10 x 500 ml (PK-CC91-5051-10)</li> </ul>
Effective against many Contaminants	Works effectively against mycoplasmas, fungi, bacteria, and non-enveloped viruses.
Non-Corrosive/Non-Carcinogenic	Mycoplasma-ExS is a non-corrosive and non-carcinogenic solution.
Ready-to-Use and convenient	Mycoplasma-ExS is a ready-to-use solution supplied in a refillable spray bottle.
Applications	<p><u>Disinfection of surfaces</u></p> <p>Spray Mycoplasma-ExS directly and evenly on the contaminated surface until it is moistened completely. <b>After 5 minutes wipe off thoroughly with a paper towel.</b> Do not let the spray solution dry on the surface. (<b>Caution: Disinfectant residue may turn yellow if not wiped off.</b>) Spraying the workbench filter system is not recommended. Disinfection Spray is for <b>hard surfaces</b> only. Do not spray porous surfaces!</p> <p><u>Disinfection of laboratory apparatus</u></p> <p>Moisten a paper towel with Mycoplasma-ExS and wipe off all surfaces of the apparatus. Wipe to dryness with a new paper towel.</p> <p><u>Disinfection of CO<sub>2</sub> incubator</u></p> <p>The incubator should be off and empty before treatment with Mycoplasma-ExS. Spray thoroughly and leave on Mycoplasma-ExS for 5 minutes. Subsequently, wipe the surface of the incubator to dryness with a paper towel.</p>
Storage & Stability	Stable at room temperature (RT). Mycoplasma-ExS should be stored and used at RT.
Related Products	For elimination of mycoplasmas in cell cultures, we recommend using our Mycoplasma-EX kit (order #: PK-CC91-4003). For convenient and sensitive detection of mycoplasma contamination, we recommend using our PCR Mycoplasma Test Kits for conventional or Real-Time PCR (PK-CA91-1024, PK-CA91-1048, PK-CA91-1096 or PK-CA91-3025A/PK-CA91-3050A, PK-CA91-3025B/PK-CA91-3050B, PK-CA91-3025C/PK-CA91-3050C). For the maintenance of water quality in water baths or in CO <sub>2</sub> incubators (water trays) we recommend using our Aquaguard solutions (PK-CC01-916-500 and PK-CC01-867-1B).
Caution	<p><b>Use biocides safely. Always read the label, product information and MSDS before use.</b></p> <p>Although Mycoplasma-ExS Spray is not known to be harmful to health, intensive skin and eye contact as well as inhalation should be avoided. Disposable gloves and safety glasses should be worn while handling the reagent. Rooms without air condition should be ventilated after using Mycoplasma-ExS.</p> <p>For spraying turn spray nozzle from position "OFF" to the spraying symbol.</p>

FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC PROCEDURES.