

Cell Culture Contamination Preventive



- For protection of cell cultures from a broad range of contaminants including mycoplasma, bacteria and fungi
- Ready-to-use 100 x solution
- Next generation additive replacing Pen/Strep
- No cytotoxicity observed
- Stable



Background

Microbial contamination is a common problem for many cell culture laboratories and has a tremendous impact on the scientific significance, safety, and costs of cell culture work in research and industry.

A frequent source of contaminating microorganisms is the use of non-sterile equipment and reagents, or poor aseptic technique.

ZellShield® is an additive for culture media that protects cell cultures from a broad range of common contaminants.

Features

ZellShield® is active against most intracellular and extracellular gram-negative and gram-positive bacteria, mycoplasma, protozoa, fungi, and yeast. Its broad antimicrobial activity allows permanent protection of the cultures from these contaminants.

The use of old-fashioned antibiotics and antimycotics like penicillin/streptomycin, nystatin, or amphotericin B is no longer required!

The exclusively selected antimicrobial agents in ZellShield® show an extremely low resistance bias. Their combined activity reduces the probability of survival of resistant mutants. Up-to-date, no cytotoxic effect on various treated cell lines and no interference with endotoxin tests have been reported, when used as described.

Recommended Use

ZellShield® can be used to protect permanent cell cultures as well as freshly prepared primary cells. The product is not intended for treatment of already contaminated cultures.

Simply add ZellShield® directly to a freshly prepared cell culture or premix with the cell culture medium. The mix is stable for up to 4 weeks if stored at +2 to +8 °C. When added to cell cultures and incubated at 37 °C, ZellShield® should be refreshed every 7 days to achieve maximum protection.

Applicable in research and industry for cell cultures only. Not recommended for clinical applications.

Content

The easily applicable 100 × aqueous solution is sterile-filtered and ready-to-use.

Storage

Shipped on cool packs, must be stored in the dark below -18 °C.

Ordering Information

Cat. No. 13-0050 50 ml
Cat. No. 13-0150 3 x 50 ml

How to order

Tel.: +49-30-2000437-0
E-mail: order@minerva-biolabs.com
Internet: www.minerva-biolabs.com