

# NEXT PLEASE



## ZellShield®

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

# ZellShield®



ZellShield® is an additive for culture media and protects cell cultures from a broad range of common contaminants. The extremely powerful combination of innovative antibiotics is blocking the bacterial DNA synthesis, the protein biosynthesis or shows macro-lidic properties. ZellShield® is active against most intracellular and extracellular growing gram negative and gram positive bacteria, mycoplasma, protozoon, fungi and yeast. The bactericidal features allow the permanent protection of the cultures from these contaminants. The use of old fashioned antibiotics like penicillin/streptomycin, nystatin or amphotericin B is no longer required! The well selected antimicrobials show an extremely low resistance bias. Their combined activity reduces the probability for the survival of resistant mutants. ZellShield® can be used for permanent cell cultures as well as for the protection of freshly prepared primary cells. Up to date, no cytotoxic effect on various cell lines treated or interference with endotoxine tests has been reported if used as described. Simply add ZellShield® directly to a freshly prepared cell culture or premix with the cell culture medium. The mix is stable for at least 4 weeks if stored at +2 to +8 °C. ZellShield® is not applicable for the treatment of already contaminated cultures.

## Recommended Use

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

## Kit Components

The easy applicable 100x aqueous solution is sterile filtrated and ready to use.

## Storage

Shipped on cool packs and should be stored in the dark below -18 °C.

## Ordering Information

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



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