

ZellShield®

The Cell Culture Contamination Preventive



Features

Description

ZellShield® 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 macrolidic properties. These bactericidal features allow the permanent removal of the contaminants from the culture. The use of old fashioned antibiotics like penicillin/streptomycin, nystatin or amphotericin B is no longer required!

Broad applicability

ZellShield® can be used for permanent cell cultures as well as for the protection of freshly prepared primary cells.

No cell toxicity

Up to date, no cytotoxic effect on various cell lines treated has been reported if used as described.

Specificity

ZellShield® is active against most intracellular and extracellular growing gram negative and gram positive bacteria, mycoplasma, protozoon, fungi and yeast.

Easy to use

Simply add ZellShield® directly to a freshly prepared cell culture or premix with the cell culture medium.

Stability

The reagent is stable and active during typical incubation periods and conditions.

Low Resistance Risk

The well selected antimicrobials show an extremely low resistance bias. Their combined activity reduces the probability for the survival of resistant mutants.

Recommended Use / Scope	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-go.
Package Sizes	Cat.-No. 13-0050 50 ml Cat.-No. 13-0150 3 x 50 ml
Result evaluation	gel electrophoresis at endpoint of PCR
Required Consumables	none
Required lab devices	none
Shelf Life and Storage	Shipped at room temperature and should be stored in the dark below -18 °C. Stable for at least 6 months.