

ZellShield®

Protect your cell culture from contaminations

Characteristics

ZellShield® is a ready-to-use agent for protecting cell cultures from a broad range of common contaminants such as bacteria, fungi, yeast and mycoplasma. The protective effect is based on a combination of novel antibiotics without significant side effects. The application of conventional antibiotics such as penicillin, streptomycin, nystatin etc. is not necessary.

ZellShield® can be used routinely as additive directly to the medium to safeguard your cell culture.

Precautions and Storage

ZellShield® is for research use only. Avoid contact to eyes and skin. Rinse with water in case of direct contact. Wear gloves whilst handling this product. This product must not be swallowed. ZellShield® is shipped on cool packs. ZellShield® must be stored ≤ -18 °C. Cell culture medium supplemented with ZellShield® can be stored at +2 to +8 °C for up to 4 weeks. This product is light sensitive and should be stored respectively.

Instructions for Use

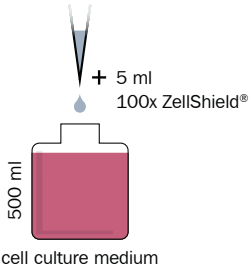
The application of ZellShield® is very simple: the sterile solution is a 100-fold concentrate and just needs to be added to the cell culture medium. One bottle with 50 ml is sufficient for 5 liter of culture medium.

ZellShield® contains a fluoroquinolone and can be used in conjunction with other antibiotics used as resistance marker. The other antibiotic components are not used as resistance marker. An additional application of Pen/Strep is feasible but not recommended.

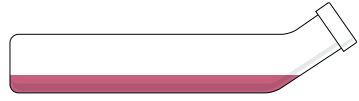
ZellShield® can be added directly to any animal cell culture, preferably when changing the medium or after passaging cells with substances such as trypsin. ZellShield® should be refreshed after 7 days of incubation at 37 °C to achieve maximum protection.

Catalog number: 13-0050, 13-0150

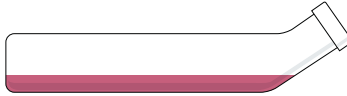
PROCEDURE – OVERVIEW



+ required volume to cell culture
cultivate cells as usual



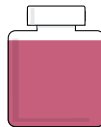
refresh medium containing ZellShield®
after max. 7 days



Storage



ZellShield®
≤ -18 °C
long term



medium + ZellShield®
2-8 °C
up to 4 weeks

+ add