

Mynox[®]Gold Mycoplasma Elimination Products

2 in 1 - Double Strength

Cat.-No. 10-0201	2 Applications
Cat.-No. 10-0501	5 Applications
Cat.-No. 10-1001	10 Applications

Description

Mynox[®]Gold represents the further development of the classical Mynox[®], which was known for a very high elimination efficiency and low cytotoxicity. Mynox[®]Gold is a combination of a standard antibiotic and a biological reagent. One application comprises of 4 vials, a starter treatment and three main treatments. The starter treatment kills most of the mycoplasma particles without harming the cells. The main treatment kills all remaining mycoplasma leading to a permanent eradication with efficiency rates up to 100 %. One application can be used to cure one cell culture permanently from mycoplasma burden.

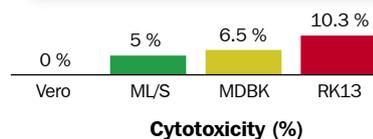
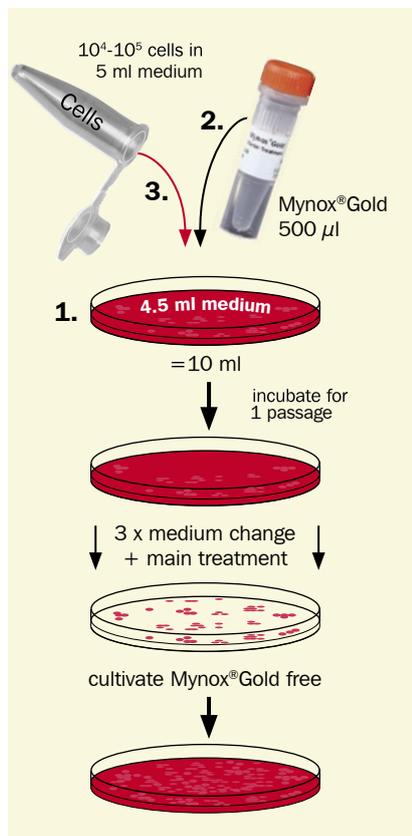


Fig. A: Cytotoxicity of Mynox[®]Gold on contaminated cells. Adherent cell lines were treated with Mynox[®]Gold according to the protocol 4 days of incubation. The cultures were inactivated and stained as described by Flick & Gifford. Untreated cultures had been used as reference (100 %).

Benefits

■ No cytotoxicity

Cytotoxicity is basically not detectable for most cell types. Most cells do not show any changes in morphology during treatment.

■ Highly effective

The ratio for a permanent eradication is close to 100 %.

■ Universal for cells

Mynox[®]Gold can be used for any cell type without restriction. Only cells harboring *Chlamydia* or other bacteria as host systems can not be treated. The antibiotic portion of the product might affect the integrated microorganisms.

■ Universal for Mycoplasma

Any type of microorganisms belonging to the group of *Mollicutes*, including the *Mycoplasma*, *Spiroplasma*, *Acholeplasma*, *Ureaplasma*, etc. can be successfully treated with Mynox[®]Gold.

■ Low resistance risk

Due to the combination of an antibiotic and a reagent showing a biophysical mode of action directly killing the mycoplasma, formation of resistances against Mynox[®]Gold is most unlikely.

■ Format

Mynox[®]Gold contains 1 vial for the starter treatment and 3 vials for the main treatment. Each vial contains 500 µl as a sterile, ready-to-use solution.

■ Interoperable

Mynox[®]Gold can be used with antibiotic selection agents, for example G418, Blastocyclin, and Hygromycin. It also does not interfere with killer genes turned on by Tetramycin or Doxycyclin.

Mynox[®]Gold is intended for research use only. Not recommended for clinical treatment. Store the original container at temperatures of +2 to + 8 °C.

