

# Mynox<sup>®</sup>Gold Mycoplasma Elimination Products

## 2 in 1 - Double Strength

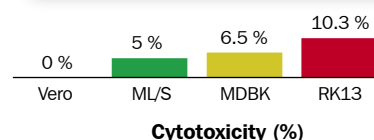
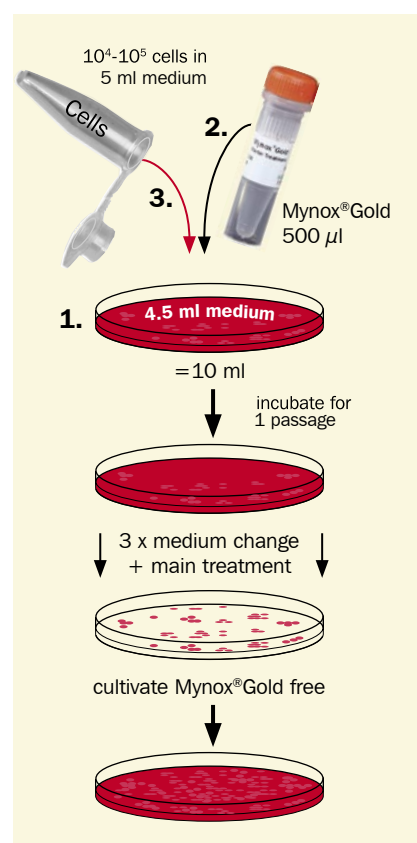
**Cat.-No. 10-0201** 2 Applications

**Cat.-No. 10-0501** 5 Applications

**Cat.-No. 10-1001** 10 Applications

### Description

Mynox<sup>®</sup>Gold represents the further development of the classical Mynox<sup>®</sup>, which was known for a very high elimination efficiency and low cytotoxicity. Mynox<sup>®</sup>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<sup>®</sup>Gold on contaminated cells. Adherent cell lines were treated with Mynox<sup>®</sup>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<sup>®</sup>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<sup>®</sup>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<sup>®</sup>Gold is most unlikely.

#### ■ Format

Mynox<sup>®</sup>Gold contains 1 vial for the starter treatment and 3 vials for the main treatment. Each vial contains 500  $\mu$ l as a sterile, ready-to-use solution.

#### ■ Interoperable

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

