



# Lasec®

## MYCOPLASMA CONTAMINATION: PREVENTION, MONITORING & ELIMINATION

Microbial contamination is a common problem for many cell culture laboratories and has an enormous impact on the scientific significance, safety and costs of cell culture work in research and industry. Lasec® offers simple, easy to use solutions for monitoring, prevention and elimination.

### MONITORING



#### END POINT PCR

##### NORGEN BIOTEK MYCOPLASMA

- Ready-to-use format, including Primer Mix, Master Mix for the target and PCR control to monitor for PCR inhibition and validate the quality
- Positive control and a negative control to confirm the integrity of the kit reagents
- Loading dye and a DNA ladder to facilitate qualitative analysis of the results on an agarose gel

#### REAL TIME PCR

##### TECHNE MYCOPLASMA

- Kit packed in a convenient foil pouch with Lyophilised Primer / Probe Mix and Master Mix with resuspension buffer, RNase / DNase free water and controls
- Suitable for any qPCR instrument with FAM / VIC detection

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# PREVENTION



## ZELL SHIELD

- An antimicrobial additive for culture media
- Protects cell cultures against most intracellular and extracellular gram-negative and gram-positive bacteria, mycoplasma, protozoa, fungi and yeast
- Replaces need for old-fashioned antibiotics and antimycotics like penicillin / streptomycin, nystatin or amphotericin B
- No cytotoxic effect and no interference with endotoxin tests



## WATERSHIELD

- An antimicrobial additive for heating baths, pans in CO<sub>2</sub> incubators, cooling systems, etc.
- Active against most bacteria, mycoplasma, protozoa, algae, fungi and yeast
- Compatible with metals
- All ingredients are reasonably safe for humans and cells



## MYCOPLASMA OFF™ SPRAYS / WIPES

- Ready-to-use solution available as a spray for larger surfaces or as wipes for spot cleaning
- Affects mycoplasma within seconds and completely eradicates it
- Alcohol-based, non-corrosive and non-carcinogenic
- Effective against common bacteria and kills a wide range of viruses including those causing colds and flu, HBV / HIV, Papova, Adeno, Polio and Vaccinia Viridae, according to the requirements of CEN/TC 216

# ELIMINATION



## MYNOX GOLD MYCOPLASMA ELIMINATION REAGENT

- Anti-mycoplasma agent usable for the treatment of enveloped and non-enveloped virus stocks prior to infection of host cells
- Applicable to any kind of permanent cell lines like Vero, BHK21, GBK, ML, Hep2, CRFK, H9, Molt4, MT-4, Jurkat and many more, as well as to primary or stem cells
- Kills mycoplasma but safe for cells



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