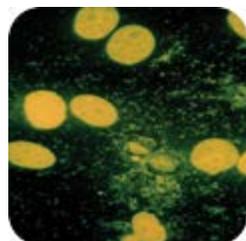




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microscoop



Evaluation of an experimental panel for the comparison of *Mycoplasma* detection methods

Mycoplasma contamination is a challenging and costly problem that affects almost a third of continuous cells cultures. Currently, the conventional methods for detecting *Mycoplasma* contamination

involve culture-based techniques and the use of an indicator cell culture method. Though the combined use of these traditional approaches has proven effective, the procedure is very laborious, costly, and time-consuming.

In recent years, the development of nucleic acid-based testing (NAT) has provided an alternative detection method that could help expedite the identification of *Mycoplasma* contamination, thus allowing for the advancement of material processing. Before this method can be implemented in routine testing, NAT must demonstrate either equivalent or superior limits of detection as compared to the currently used conventional detection methods. However, as each method measures a different biological feature of *Mycoplasma*, the comparability of these detection methods faces a number of technical challenges....[Read more](#)



Mycoplasma Detection – Protect your Continuous Cell Cultures

Thursday, October 10

1:00 PM (EST)

Cara Wilder, Ph.D.

Are you sure your continuous cell cultures and media are free from contamination? Mycoplasma contamination affects roughly 15-35% of continuous cell cultures, resulting in deleterious effects including the induction of chromosomal abnormalities, the disruption of DNA and RNA synthesis, and the inhibition of both cell metabolism and growth rate. In this presentation, learn how to protect your cultures using the ATCC® Mycoplasma Detection Kit.

[Register here](#)

Fun & Games

ATCC® Crossword Puzzle

Test your microbial expertise with the ATCC crossword puzzle!

Titered Mycoplasma Reference Strains Panel (ATCC® MP-7™)

A panel composed of 10 species of Mollicutes isolated from both clinical and environmental sources. Each titered sample provides a suspension that has been:

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- Primary Cell Culture
- Stem Cell Culture

[Download a culture guide >>](#)

[Download the Puzzle](#)

Still puzzled? [View the answers to last month's puzzle](#)

Quiz the Scientist

I am a common contaminant of cell cultures that was originally isolated from sewage. Can you guess what I am?

[Click here for more clues](#)

- Evaluated for genome copy number
- Quantified by colony forming units
- Rigorously characterized and authenticated by ATCC ISO 9001:2008 certified laboratories
- Optimized to yield high-viability upon thaw

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