

Credible Solutions for Mycoplasma Detection

190 +Mycoplasma species

have been discovered

15% to 35% of cell cultures

worldwide are affected by mycoplasma contamination

95%

of all cell culture contamination events are caused by 8 Mycoplasma species

A. laidlawii

Source of Contamination



Personnel Poor culturing practices Lab coats Clothes



Reagents Media Sera Supplements **Buffering solutions**

Equipment

Incubators Water baths Liquid nitrogen tanks Laminar flow hood

Prevention Tips and Techniques



Authenticate through routine testing



Use cell culture best practices



Maintain thorough documentation



Quarantine new cell lines

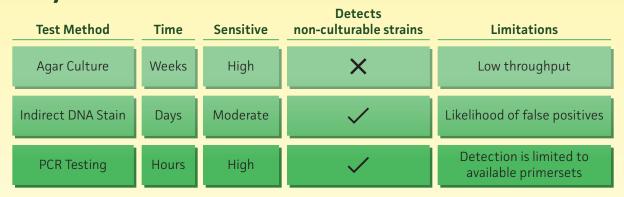


Use antibiotics responsibly

Top 5 reasons to test:

- Loss of cell functionality or cell death
- Erroneous data
- Misinterpretation of results
- Loss of time and money
- Decreased quality of cell-based products

Key Methods of Detection



Browse ATCC's mycoplasma quality control solutions at www.atcc.org/MycoplasmaCRMS

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