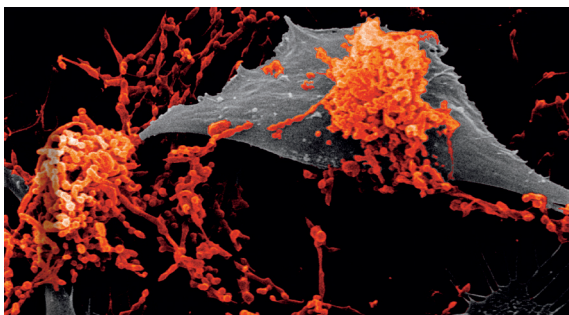


At a Glance: The Benefits of Mycoplasma Identification

Mycoplasma belong to the class of *Mollicutes* and represent one of the most frequent contaminants of cell substrates and cell-derived biological products. Mycoplasma contamination during biopharmaceutical manufacture is a significant threat to the production of high-quality biotechnological products and can comprise product safety. Further potential consequences of a mycoplasma contamination include a possible production shut-down and product loss, which subsequently can result in a regulatory and financial impact.

CytoInspect™ allows besides the possibility of a general mycoplasma detection via a universal probe, also the identification of 41 mycoplasma species. In case of a mycoplasma positive result, this benefit assists in determining the root-cause of the contamination and in specifying the entry point or source, which is the key to prevent from further spreading of the infection in the production process.



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Early and reliable mycoplasma detection and identification with CytoInspect™ enables users to define appropriate corrective and preventive actions and therefore to follow an efficient, fast and safe contamination response plan.

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Summary of benefits of mycoplasma identification:

- Assists in determining the root-cause of mycoplasma contamination
- Facilitates identification of the contamination source
- Knowing the source of the contamination is the key to prevent from further spreading
- Supports implementation of fast and effective corrective and preventive actions
- Improves the efficiency of the contamination response plan, also with regard to financial and regulatory aspects