

IVD

A large rectangular area with a dark blue background. On the left, there's a glowing, multi-colored (blue, green, red) particle or fiber-like structure. On the right, there's a complex, multi-colored (blue, green, red) waveform or data visualization. The word "Mycobacteria" is written in large, white, bold, sans-serif font across the center of this area.

Mycobacteria

FluoroType[®] Mycobacteria VER 1.0

● Powered by LiquidArray[®]

Keep track of nontuberculous mycobacteria

- Differentiation of 32 clinically relevant nontuberculous mycobacteria (NTM)
- Detection of the *M. tuberculosis* complex
- Sample material: positive culture
- Reliable results within only 2.5 hours
- Streamlined workflow from sample to result

Facts

Nontuberculous mycobacteria (NTM) are a group of ubiquitous bacteria. The distribution of NTMs depends on the environment due to the adaptation of individual group members to specific environmental conditions. Since treatment depends on the species causing the infection, identification of mycobacteria at the species level is of great relevance. Consequently, reliable differentiation between clinically relevant NTM species is essential for the therapy regimens.

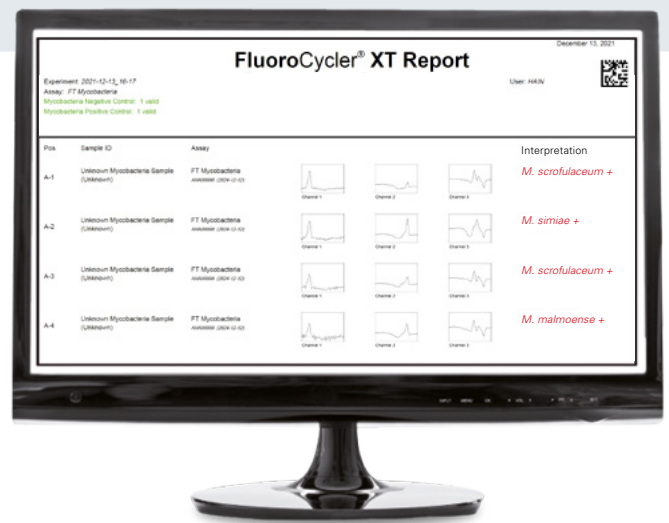
FluoroType® Mycobacteria is a molecular genetic assay powered by the innovative LiquidArray® technology. It allows detection of the *M. tuberculosis* complex as well as differentiation of 32 clinically relevant NTM species, like *M. avium*, *M. kansasii*, *M. fortuitum* and the *M. abscessus* complex in a single reaction. The *M. abscessus* complex can be further subcategorized. Moreover, detection of additional mycobacteria on the genus level is facilitated due to a genus-specific target. Starting from a positive culture, automatically evaluated results are available within only 2.5 hours.

Test principle of FluoroType® Mycobacteria assay



Following DNA extraction with FluoroLyse and PCR set-up, the plate can be directly placed into the FluoroCycler® XT for amplification and detection. An Internal Control ensures the correct test procedure and validity of results. FluoroSoftware® XT-IVD generates results at a glance, in an easy to use, easy to interpret test report.

The FluoroType® Mycobacteria is a powerful tool for detection of the *M. tuberculosis* complex and differentiation of clinically relevant NTM directly from cultured material. FluoroType® Mycobacteria harnesses the LiquidArray® technology to provide a high level of multiplex analysis.



Order Information: FluoroType® Mycobacteria
Cat. No. 1880017
48 tests

Please contact your local representative for availability in your country. Not for sale in the USA.
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