



MALDI Biotyper®

MBT Compass HT

Empowering unequalled speed and optimal performance

Innovation with Integrity

Maximize the power of your MALDI Biotyper® System with MBT Compass HT software

- Uplift your system's speed to be faster than ever, enabling analysis of up to 600 samples/hour
- Improve your lab's efficiency by enabling this high-throughput analysis speed
- Run your urgent samples with priority, in a few minutes
- Secure your system's performance with the zero-button IDealTune™ feature, without extra cost or effort
- Increase your system's capability with the greatly improved new workflow for identification of filamentous fungi

Uplifting your analysis speed

The new MBT Compass HT software dramatically shortens the time-to-result; identification results pop up simultaneously with spectra acquisition!

An entirely filled MBT Biotarget 96, holding 95 isolates and 1 QC sample, results in a complete identification report in ~5 minutes. This analysis speed, combined with a superior fast target exchange, allows analysis of up to 600 samples/hour.

A mighty mold solution, only for MBT Compass HT

The MALDI Biotyper is perceived as the most promising alternative for the identification of molds. A dedicated MBT HT Filamentous Fungi Module, including a software module and a specific reference spectrum library, is available to facilitate the identification of more than 200 filamentous fungi species/species groups.

Its easy yet powerful Mycelium Transfer (MyT) sample preparation procedure contributes to high identification success rates.

Optimal performance secured by zero-button IDealTune™

Experience peak performance without the hassle - thanks to automated tuning!

- No extra tuning samples
- No extra time
- No extra costs
- Focus on results!

The new zero-button IDealTune feature on our MALDI Biotyper sirius Systems automatically finetunes the key parameters of the MALDI-TOF system, ensuring stable data quality. Without any user intervention, IDealTune is performed systematically in the background while analyzing the Bacterial Test Standard, which is anyway good practice to be included in each sample run. Forget about tedious preparation of dedicated tuning samples, forget about time-consuming manual tuning, forget about extra costs. Relax knowing that machine-driven tuning is in place, and focus on results!

MBT Compass HT software

Your gateway to our solutions:

- The most comprehensive and always up-to-date MBT Compass library, covering thousands of species
- MBT HT Subtyping Module
Automated differentiation of several hard-to-distinguish species, and instant resistance marker detection as an early warning
- MBT HT Mycobacteria Module
Fast, cost-effective, optimized and highly sensitive identification of *Mycobacterium* spp.
- MBT HT Filamentous Fungi Module
Fast and simple workflow solution for identification of filamentous fungi
- MBT HT LipidArt Module
Analysis of Lipid A and its derivatives, for rapid colistin resistance detection (only for the MALDI Biotyper® sirius Systems, holding negative ion mode)
- MBT HT Sepsityper® Module
Direct identification from positive blood culture within 15-20 minutes
- MBT HT STAR®-BL Module
Fast phenotypic resistance detection of carbapenemase / cephalosporinase activity within an hour
- And to further developments!

Not for use in clinical diagnostic procedures.
Please contact your local representative for availability in your country.

MALDI Biotyper® is a registered trademark of the Bruker group of companies.



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