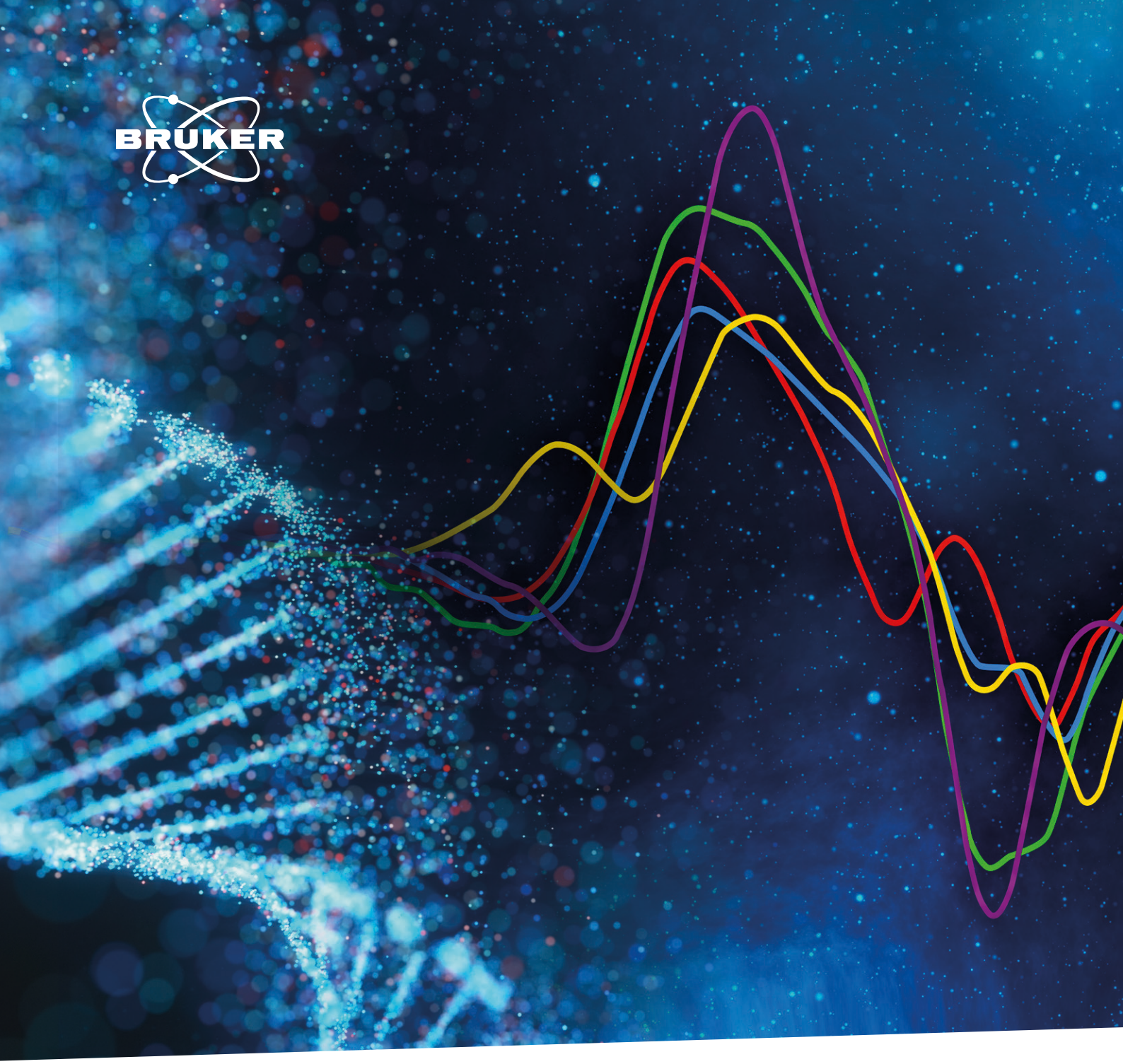


Molecular Diagnostics

Mycobacteria

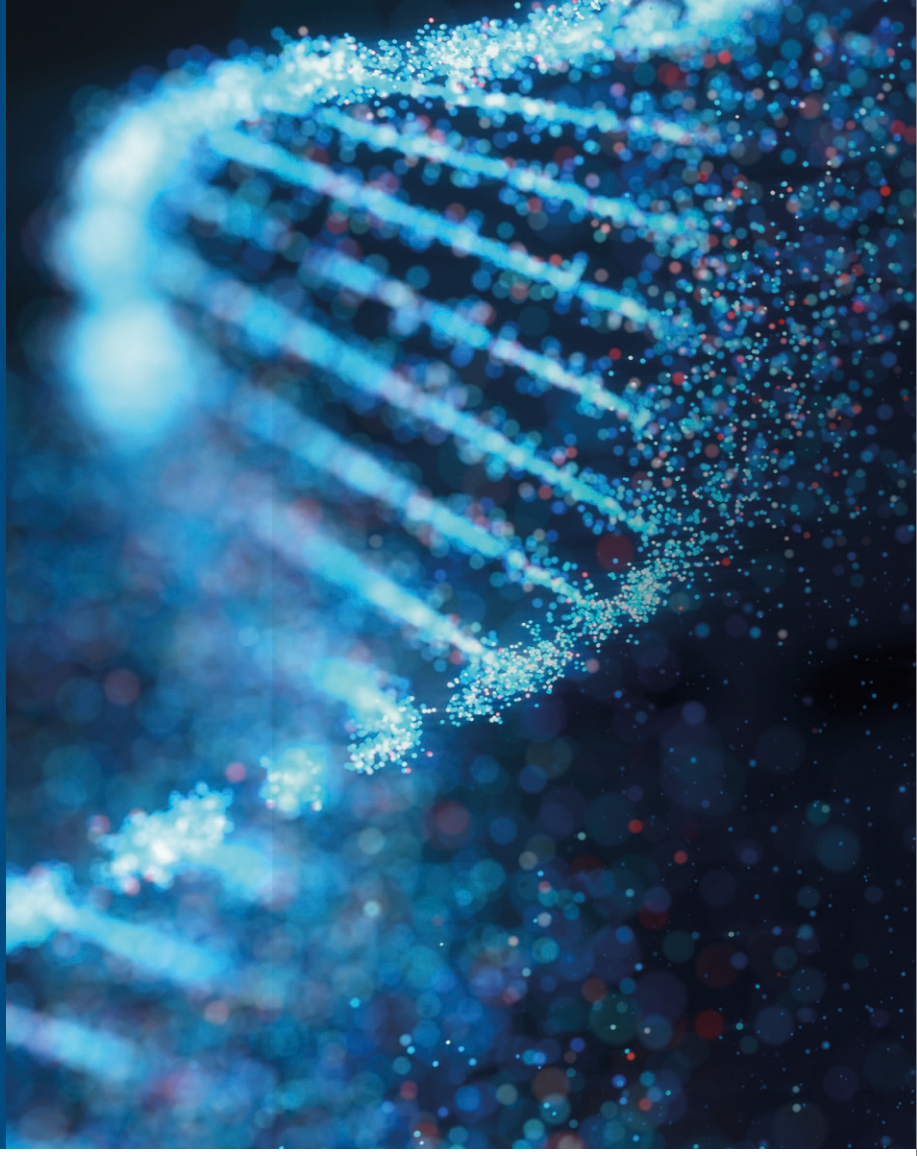
Next generation multiplexing

Powered by LiquidArray®

Innovation with Integrity

IVD

Comprehensive portfolio for all your mycobacteria questions



- Highly sensitive *Mycobacterium tuberculosis* complex detection
- Simultaneous resistance detection
- Mutations reported at sequence level
- Differentiation of nontuberculous mycobacteria

Tuberculosis and drug resistance

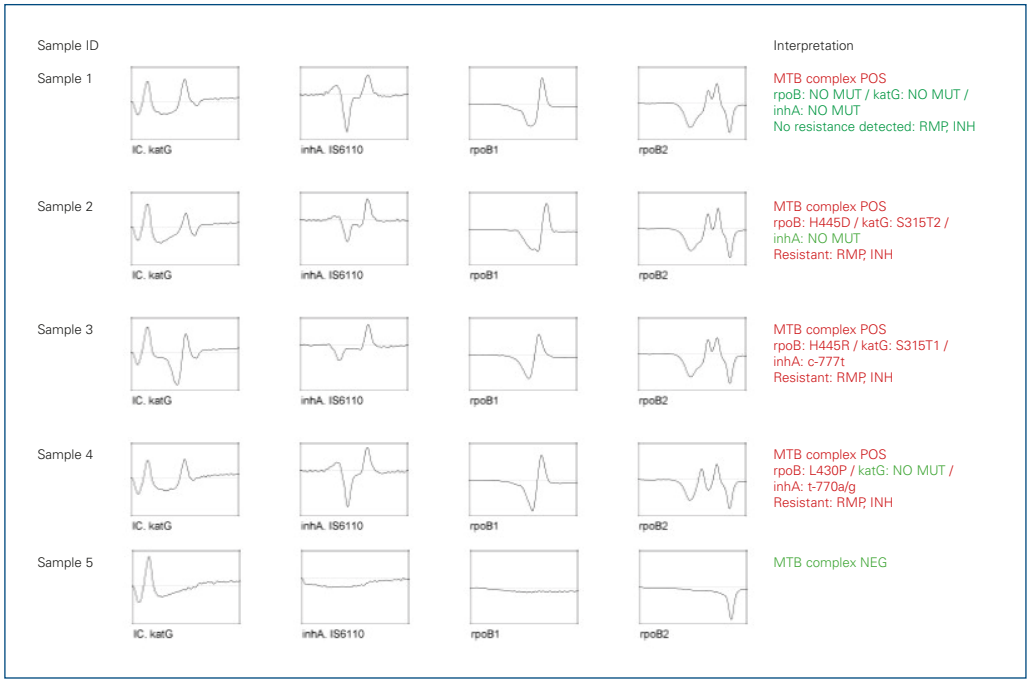
Detect *Mycobacterium tuberculosis* complex and resistances to Rifampicin and Isoniazid

FluoroType® MTBDR VER 2.0
Test for tuberculosis and multidrug-resistant tuberculosis (MDR-TB)
- *Mycobacterium tuberculosis* complex
- Rifampicin resistance
- Isoniazid resistance

CE 0123 IVD

Results at a glance

- Standardized results with automatically generated report
- Colour coded for ease of user interpretation



Detect *Mycobacterium tuberculosis* complex and resistances to 5 WHO-recommended drugs

LiquidArray® MTB-XDR VER 1.0
Test for tuberculosis and extensively drug-resistant tuberculosis (XDR-TB)
- *Mycobacterium tuberculosis* complex
- Moxifloxacin resistance
- Levofloxacin resistance
- Linezolid resistance
- Ethambutol resistance
- Amikacin resistance

CE 0123 IVD

Same sample | Same extract | Same day

- Run all mycobacteria assays from the same extract*
- Run all mycobacteria assays on the same PCR plate**

*with validated sample types and extraction options
**when same sample type is used

Nontuberculous mycobacteria

Differentiate up to 32 species and subspecies of nontuberculous mycobacteria

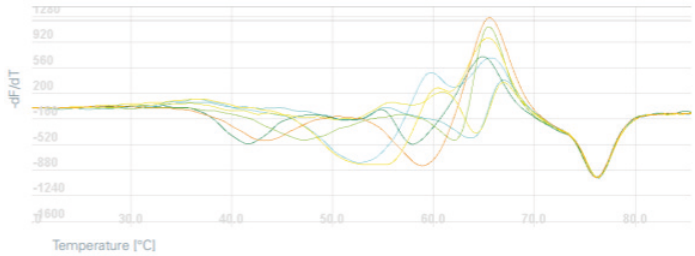
FluoroType® Mycobacteria VER 1.0
Test for tuberculosis and nontuberculous mycobacteria (NTM)
- *Mycobacterium tuberculosis* complex
- *Mycobacterium* genus
- *M. avium* group members
- *M. abscessus* subspecies
- *M kansasii*
- *M. xenopii*
- *M. fortuitum*
- ... and many more

CE IVD

LiquidArray® technology powering TB and NTM tests

Robust detection with Lights-ON / Lights-OFF probes

Each strain produces a unique melting curve signature



Database matching leads to results at a glance -
e.g. FluoroType® MTBDR VER 2.0

MTB complex POS
rpoB: M434I+D435Y / katG: S315T1 / inhA: NO MUT
Resistant: RMP, INH

Same-day sequencing-like results
- Determine up to 73 mutations in search for TB resistance to 7 WHO-approved drugs *

Next generation multiplexing
- Differentiate up to 32 species and subspecies with one test **

Comprehensive portfolio
- Test for TB and drug resistance, as well as NTM

Facilitate personalized treatment
- Extensive wealth of information with LiquidArray®

Preferred solution in mycobacteria expert labs

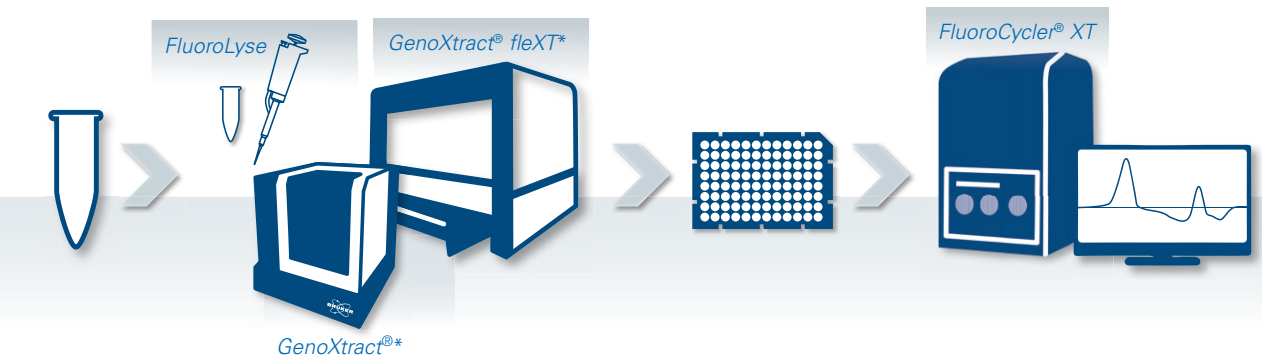
*with FluoroType® MTBDR VER 2.0 and LiquidArray® MTB-XDR VER 1.0
**with FluoroType® Mycobacteria VER 1.0

Revolutionize your mycobacteria workflow

Three tests | One workflow | Results within one day

Advanced results with a familiar PCR workflow

Flexible
Choice of extraction methods depending on throughput and automation preferences.
Save time
Use one DNA extract for several validated assays in parallel or in reflex testing.
Compatibility
Run all LiquidArray® mycobacteria assays on the same PCR plate (when using same sample type).
Same day
Report sequencing-like results within 5 hours of receiving samples.



*with validated assays only

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bruker.com/liquidarray

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