

BIOMÉRIEUX

# VITEK® MS

Improve productivity  
Increase confidence



Your Ally in Advancing Quality

PIONEERING DIAGNOSTICS

# Quickly and confidently identify industrial microorganisms with our robust knowledge base.

VITEK® MS is the rapid mass spectrometry microbial identification system that's backed by bioMérieux expertise.



Comprehensive knowledge base for industry



Safeguards data integrity



Customizable by adding rare organisms



Turnkey validation services

## Robust Database

- >1300 bacteria and fungi species and groups including frequently occurring industrial organisms
- More than 15,000 total strains used
- Geographical strains
- Internal strains, customer strains, and culture collections (ATCC)



BRUCELLA



MYCOPLASMA



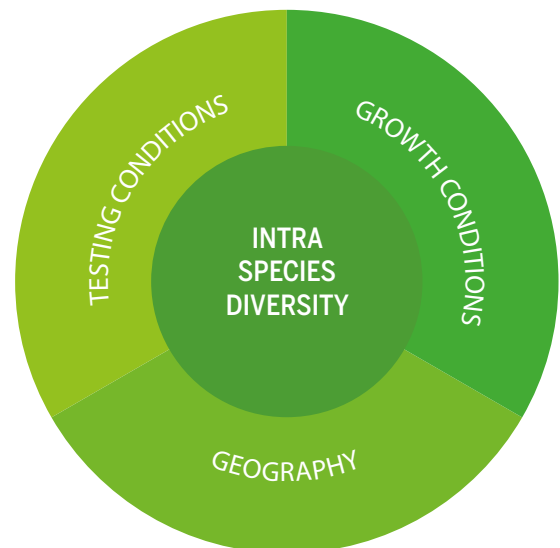
MOLDS



BACTERIA



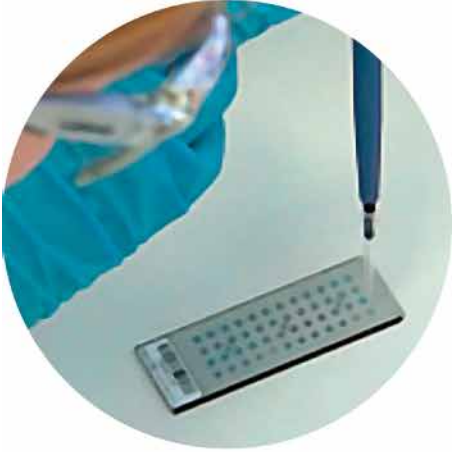
YEAST



The VITEK® MS knowledge base incorporates factors which can contribute to intraspecies diversity—testing conditions, growth conditions, and geography.



# Optimized Workflow



## Step 1: Sample Preparation

- Direct transfer method
- No extraction needed for most bacteria
- Mould extraction in minutes
- Ready to use liquid reagents
- No mixing or preparation
- Convenient Mould and mycobacteria/nocardia reagent kits increase your standardization and accuracy
- NEW: VITEK® MS FLEXPREP™ allows sample prep data entry from anywhere on the network



## Step 2: Automated Analysis

- ID in minutes
- 192 isolates per 2 hour run
- Barcode traceability
- Disposable slides eliminate risk of contamination
- No cleaning required eliminates chemical safety hazard risk



## Step 3: Results Review

- Advanced Spectra Classifier
- % confidence assigned to every result
- LIMS connectivity



## Data you Can Trust.

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- 21 CFR Part 11 compliance
  - AOAC RI validated, AFNOR approved, ISO 16140 certified and FDA cleared
  - Audit trail to record, track, and report user actions
  - Traceability with barcoded target slides, reagent lot/expiration tracking and complete technician traceability
  - Multiple quality control checks performed during analysis with QC and spot quality tracking
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## Rapid Implementation. Dedicated Support.

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- Dedicated Field Application Specialists assist with implementation and training
  - VLINK® allows remote support through a secure connection and enables automatic software, firmware, and security updates
  - Fast, hassle-free validation service available through bioMérieux-approved partner
  - Cost-effective, self-guided validation document following regulatory guidance also available
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## The People. The Products. The Science.

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With more than 50 years' experience in microbiological diagnostics, bioMérieux understands the challenges manufacturers face when it comes to ensuring product safety and quality. Today, more than 1,700 VITEK® MS systems are used in both industrial and clinical applications. With a robust knowledge-base, VITEK® MS was the first MALDI-TOF system to be cleared by the FDA for rapid, high-throughput microbial identification. We work hand in hand with our clients to create and implement groundbreaking solutions to everyday problems.

\* U.S. Food & Drug Administration. 510(k) substantial equivalence determination decision summary. [https://www.accessdata.fda.gov/cdrh\\_docs/reviews/K162950.pdf](https://www.accessdata.fda.gov/cdrh_docs/reviews/K162950.pdf). Accessed September 20, 2018.