

BIOMÉRIEUX

# VITEK<sup>®</sup> MS PRIME

Superior Workflow  
Prime Results



Your Ally in Advancing Quality

PIONEERING DIAGNOSTICS

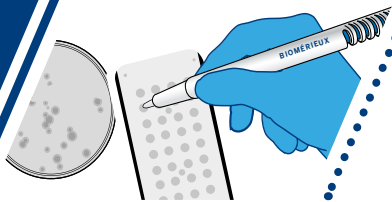
# TAKE YOUR MASS SPECTROMETRY TO THE NEXT LEVEL

Built on a solid foundation of microbiology expertise, VITEK® MS PRIME is a true evolution of the revolutionary **MALDI-TOF** (Matrix Assisted Laser Desorption Ionization-Time of Flight) technology for microbial identification to deliver productivity and accuracy through efficient routine workflow.

## ULTRA-EFFICIENT ROUTINE WORKFLOW

Optimize your daily processes and save time

Spot bacteria & yeast directly on the slide with VITEK® PICKME™<sup>(1)</sup> or a loop



VITEK® FLEXPREP™ SOFTWARE FOR EASY SLIDE PREPARATION AND RESULTS REVIEW



CONTINUOUS LOAD & GO

### OPTIMIZED WORKFLOW EFFICIENCY

- Fast, easy protocols for bacteria and fungi sample preparation.
- Automated continuous Load & Go.
- Urgent slide prioritization for critical samples.

### ROBUST AND EVOLVING DATABASE

- >1500 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).

### FULLY CONNECTED AND INTEGRATED ID SOLUTION

- Sample prep and results review from anywhere on the network.
- Seamless connectivity to your LIMS.
- 21 CFR Part 11 compliance.
- Full reagents traceability.



## INNOVATIVE FEATURES, PRIME BENEFITS

**Greater efficiency, fast and reliable ID built on microbiology expertise**

## INCREASED PRODUCTIVITY, FASTER TIME TO RESULT

### Automated, continuous load & go:

- Load up to 16 slides.
- End-to-end sample traceability with automatic barcode scanning.
- On-demand individual or batch slide unloading.

### Urgent slide prioritization:

- Prioritize critical samples in one click.



## INTEGRATED ID

Deliver faster results for impactful decision making



FLEXIBLE RESULTS REVIEW  
AT MULTIPLE BENCHES

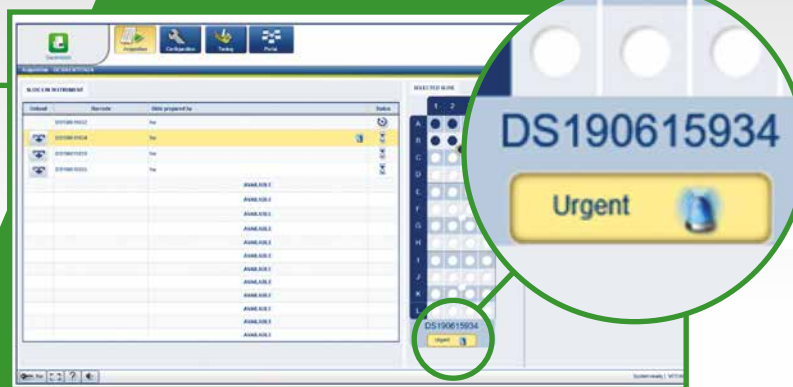


LIMS CONNECTIVITY

## COMMITTED PARTNER

- By your side with a full suite of services.
- More than 55 years of experience in microbiology.

## URGENT SLIDE PRIORITIZATION



## MAXIMIZE SYSTEM UPTIME AND RELIABILITY

### Automated fine-tuning:

- Initiate automated fine-tuning when the instrument is not in use.
- Redirect technician time to value-add activities.

### All-new inside:

- Lifetime laser, innovative ion optics and new linear detector.

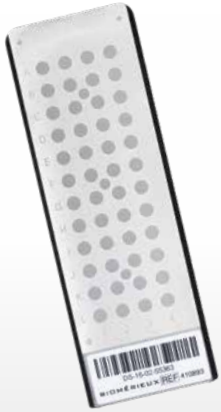
## ADAPTED TO THE LAB ENVIRONMENT

### Benchtop system

- Easy Lab integration.

# VITEK® MS PRIME REAGENTS

## PRODUCT LIST\*



**VITEK® MS-DS  
TARGET SLIDES**  
REF 410893



**VITEK® MS  
SMARTCALIBRANT**  
REF 423710



**VITEK® MS-FA  
FORMIC ACID**  
REF 411072



**VITEK® MS-CHCA  
MATRIX**  
REF 411071

**Disposable target slides  
with a unique barcode  
identifier for preparation  
of 48 samples.**

- ✓ Ready to use *E.Coli* application to calibration spot.
- ✓ Ready-to-use Matrix application to spot.
- ✓ Ready-to-use Formic Acid with no dilution required.
- ✓ Convenient sample preparation with no or minimal extraction.

**TRACEABILITY  
& PEACE  
OF MIND**

**TIME SAVINGS,  
STANDARDIZATION  
& EASE OF USE**



**VITEK® PICKME™**  
REF 423546 - REF 423551



**VITEK® MS MOULD  
REAGENT KIT**  
REF 415680



**VITEK® MS  
MYCOBACTERIUM/  
NOCARDIA REAGENT KIT**  
REF 415659 - REF 421564 - REF 4704630

**Innovative sample preparation tool to pick and smear colonies on VITEK® MS target slides.**

**All inclusive and convenient Mould and Mycobacterium and Nocardia kits increase standardization and accuracy.**

**All inclusive kit containing reagents and consumables needed to perform protein inactivation and extraction for identification of Mycobacterium and Nocardia from solid and liquid sample.**

- ✓ A supplemental kit is available to process liquid samples.
- ✓ Validated & reproducible protocol.
- ✓ Inactivation process allows specimen handling outside of biosafety level 3.

**SIMPLE, RAPID  
& ACCURATE**

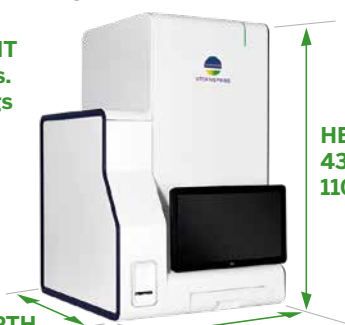
**CONTROL YOUR COSTS  
BY INTERNALIZING  
YOUR ID**

# BIOMERIEUX, YOUR PARTNER TO MAXIMIZE YOUR EFFICIENCY

## SAVE LAB SPACE

### Instrument specifications:

**WEIGHT**  
322 lbs.  
146 Kgs



**HEIGHT**  
43.3 Inc.  
110 cm

**DEPTH**  
27.6 Inc.  
70 cm

**WIDTH**  
28 Inc.  
71 cm

## END-TO-END SERVICES

**Leverage reliable and efficient validation protocols for rapid implementation**

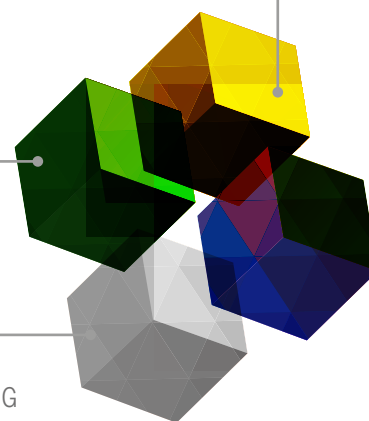
VALIDATION SERVICES

**Maximize instrument uptime**

INSTRUMENT SERVICE CONTRACTS

**Streamline lab activities**

DEDICATED SUPPORT & TRAINING



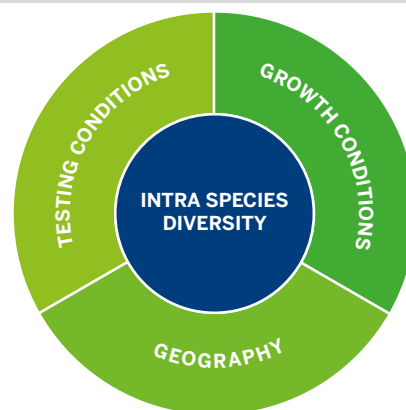
## ROBUST DATABASE

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

It allows an accurate microbial identification to the species level encountered in industries in a minimum amount of time.

It complies with the GMP Annex 1 which provides general guidance that recommend to identify microorganisms detected in grade A & B areas to the species level.

Consideration should also be given to the identification of those isolated from Grade C and D areas.



## VILINK®, THE SMART REMOTE SUPPORT SOLUTION TO ENSURE THE CONTINUITY OF YOUR OPERATIONS

- ✓ **On-line assistance:** rapid diagnosis and solution for minimal lab disruption.
- ✓ **Convenient on-line coaching** on system usage and configuration.\*
- ✓ **Proactive maintenance** for optimal instrument performance.\*\*
- ✓ **On-demand or automatic software/firmware updates** for convenience, maximum performance and workflow efficiency.

\* Technical remote support availability depends on subscribed level contract and system type.

\*\* Consult your local representative for availability.

