

BIOMÉRIEUX

VITEK® MS PRIME

Get Species Level Identification
& Maximize Your Lab Efficiency.



Your Ally in Advancing Quality

PIONEERING DIAGNOSTICS



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.

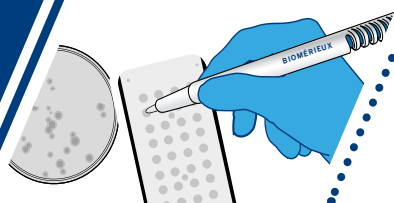
TAKE YOUR MASS SPECTROMETRY TO THE NEXT LEVEL

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™⁽¹⁾ 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:

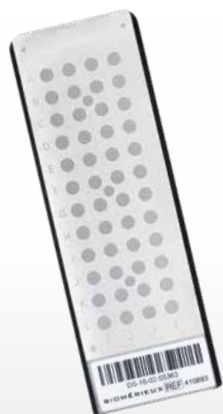
- Load up to 16 slides.
- End-to-end sample traceability with automatic barcode scanning.
- On-demand individual or batch slide unloading.

Urgent slide prioritization:

- Prioritize critical samples in one click.

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**

* All reagents and accessories have been developed & validated specifically for use on VITEK® MS & VITEK® MS PRIME.
Reagents quality control certificates are available online.



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

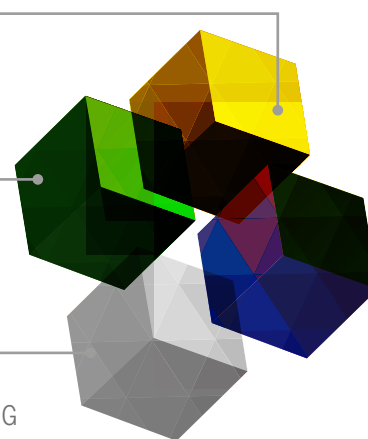
VALIDATION SERVICES

Maximize instrument uptime

INSTRUMENT SERVICE CONTRACTS

Streamline lab activities

DEDICATED SUPPORT & TRAINING



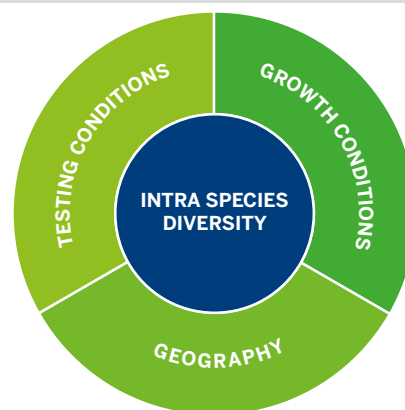
ROBUST DATABASE

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.

