VITEK® MS
Microbiology Powered by Mass Spectrometry

BIOMÉRIEUX

VITEK MS

PIONEERING DIAGNOSTICS
DELIVER RAPID, ACTIONABLE RESULTS TO CLINICIANS TO SUPPORT INFORMED TREATMENT DECISIONS.

Rapid identification provides clinicians with valuable diagnostic information that helps them tailor antibiotic therapy. Rapid identifications by MALDI-TOF have been shown to reduce time to appropriate therapy in 28 to 44% of cases. They have also been shown to reduce both mortality and hospital length of stay.

- Rapid, safe and effective inactivation and extraction protocols offer excellent performance for identification of pathogenic microorganisms
- Easy workflow with convenient, prepackaged reagent kits
- In-lab solution to save time and costs compared to sending out tests or using other methods

TRULY INTEGRATED ID & AST SETUP
Simple, step-by-step guided slide preparation for ID and connection with AST using the on-screen VITEK MS Prep Station.

SIMPLE SPOTTING
Easy sample preparation step of spotting organism onto slide and applying sample matrix for bacteria or matrix plus formic acid for yeasts.

LOAD SAMPLES
VITEK MS carrier can be loaded with up to four prepared slides and introduced into the instrument. With 48 sample spots per target slide, 192 isolates can be tested per run.

References

SAFE EXTRACTION PROCEDURE
- No extractions required for routine bacteria and yeast identifications
- Simple and reliable inactivation for Mycobacteria, Nocardia and molds
- Studies show no viable organisms after performing inactivation steps
- Post-inactivation processing steps may be performed in BSL2 lab

HIGH PERFORMANCE
- 93.9% Total Combined Correct Identification Results
- Mycobacteria – 99% accurate IDs with challenge strains; 96.5% correct single choice IDs from patient cultures
- Molds – 94.0% accurate single choice IDs with challenge strains

ROBUST DATABASE
With more than 15,000 strains and an average of 14 strains per species, the VITEK MS provides highly accurate results.

FDA 510(k) cleared for 271 organisms — 1,046 total species in database

Only FDA cleared database for Mycobacteria, Nocardia and molds

242 new bacteria species and 55 new fungi species, including:
- 49 Mycobacterium species
- 12 new Burkholderia
- 5 new Legionella
- 14 Nocardia species

NEW!
- Mycobacteria
- Nocardia
- Molds
- Bacteria
- Yeast

242 new bacteria species and 55 new fungi species, including:
- 49 Mycobacterium species
- 11 new Corynebacterium
- 5 new Yersinia
- 79 molds
- 14 new Staphylococcus

VITEK MS provides identifications in minutes using an innovative mass spectrometry technology — Matrix Assisted Laser Desorption Ionization Time-of-Flight, or MALDI-TOF.
Rapid Automated Pathogen Identification in Minutes, Supporting & Advancing Antimicrobial Stewardship Programs

VIDAS®
B•R•A•H•M•S PCT™

ETEST®
MIC Breakpoints – Reliable and valuable manual AST solution to guide therapy and manage treatment

PCT-Guided Antibiotic Therapy

BACT/ALERT®
VIRTUO®
Up to 4 hours faster time to detection for bloodstream infections

VITEK® 2
Antimicrobial susceptibilities in 8 to 10 hours

VITEK® MS
Identification from pure culture within minutes

BIOFIRE®
FILMARRAY®
Identify infection from a positive blood culture in about an hour

To place an order, visit www.biomerieuxDIRECT.com

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