



# VITEK<sup>®</sup> MS

EXPANDED DATABASE

Now with *Brucella*, *Candida auris*  
and *Elizabethkingia anophelis*\*



VITEK MS



PIONEERING DIAGNOSTICS



## CONSTANTLY EVOLVING THREATS

What do you do when faced with serious threats from new emerging pathogens? You respond just as fast. The VITEK® MS database is **consistently expanding** to bring new emerging pathogens and clinically relevant species. *Brucella*, *Candida auris* and *Elizabethkingia anophelis* are among the important new additions.

"*Candida auris* is an emerging multidrug-resistant fungal pathogen causing [serious infections] associated with high mortality. *C. auris* is commonly misidentified... there is an urgent need for a reliable diagnostic method."<sup>1</sup>

"With a stroke of evolutionary luck, harmless microbes can often turn into pathogens..."<sup>2</sup> *Elizabethkingia anophelis* is an emerging pathogen which has led to an increase of "infections among patients in intensive care units."<sup>3</sup>

## SAFETY AND PRODUCTIVITY IN THE LAB

**Brucellosis** is rare but difficult to recognize – and hazardous to laboratory personnel.<sup>4</sup> **Reduce exposure** to *Brucella* with **rapid, safe and effective identification**, enhancing laboratory confidence and safety.

VITEK® MS is the **first** MALDI-TOF System to include *Brucella* species in its **IVD-CE marked database\*\***.

## HIGH CLINICAL VALUE

Deliver rapid, actionable results to clinicians to **support informed patient treatment decisions**. With the new VITEK® MS V3.2.0 **IVD CE marked database**, you can reliably identify **1,316 species** with an average of 12 strains/species, covering microbial and technical variability.

**The update includes:** 217 new bacteria species including 39 anaerobes:

- 55 new fungal species
- Differentiation within the *Acinetobacter baumannii* complex
- Differentiation between *Proteus penneri* and *Proteus vulgaris*
- Addition of *Mycoplasma pneumoniae* to the IVD-CE marked database\*\*\*

Innovation in microbiology must never stop – because your **laboratory challenges never stop**. For more than 50 years, bioMérieux has shared your commitment to continually strengthen laboratory impact on patient therapy. VITEK® MS and VITEK® 2 are part of our integrated **ID/AST\*\*\*\* offer**. Together with our blood culture offer, these solutions meet your needs from **the most routine to the truly challenging**. Our offers let you leverage your expertise to deliver test results that enable the healthcare team to provide timely, appropriate therapy.

\*\*\*\*ID/AST: identification and antimicrobial susceptibility testing



\*pending 510(k) clearance, not available for sale within the United States

\*\*pending CE marking

\*\*\*non-clinically validated species in the US IVD database

1-Kordalewska et al. "Rapid and accurate molecular identification of the emerging multidrug resistant pathogen *Candida auris*" J. Clin. Microbiol. doi:10.1128/JCM.00630-17  
2-<https://www.theatlantic.com/science/archive/2017/05/elizabethkingia-anophelis-wisconsin/528081/>  
3-<https://emedicine.medscape.com/article/2500046-overview>  
4-GoPaul et al. Rapid identification of *Brucella* isolates to the species level by real time PCR based single nucleotide polymorphism (SNP) analysis; BMC Microbiology 2008, 8:86 doi:10.1186/1471-2180-8-86