



VITEK[®] MS

EXPANDED DATABASE

Now with Mycobacteria, *Nocardia* and Moulds^{*}



VITEK MS

● POWER

● OPERATING

● VACUUM

● NEGATIVE

PIONEERING DIAGNOSTICS

HIGH CLINICAL VALUE

VITEK® MS is the first MALDI-TOF Mass Spectrometry System to have an IVD-CE marked database for the identification of mycobacteria, *Nocardia* and moulds. Now you can identify **1046 species** in minutes.

NEW:

- 38 new *Mycobacterium* species
- 14 new *Nocardia* species
- 48 new moulds
- 197 other new bacteria and yeasts

Deliver rapid, actionable results to clinicians to **support informed treatment decisions**. Timely identification of **mycobacteria, *Nocardia* and moulds** helps in the management of diseases such as tuberculosis, serious fungal infections and osteomyelitis caused by non-tuberculosis mycobacteria (NTM).



PRODUCTIVITY IN THE LAB

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

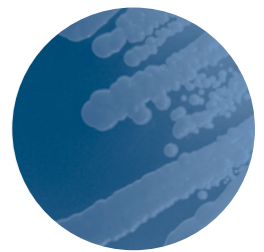
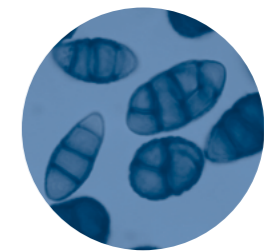
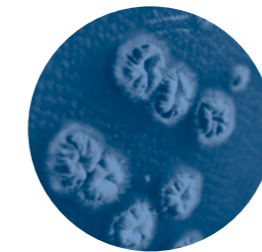


VITEK® MS

Mass Spectrometry Powered by Microbiology

Expanded database

Now With Mycobacteria, *Nocardia* and Moulds*



VITEK® MS

is the mass spectrometry microbial identification system that's backed by bioMérieux expertise. With MALDI-TOF (Matrix Assisted Laser Desorption Ionization Time-of-Flight) technology, it provides **clear and accurate identification** at the species, genus or group level in minutes.

- bioMérieux's unique proprietary algorithm, the Advanced Spectra Classifier, provides excellent discrimination between closely-related species
- Over 15,000 distinct strains in the database account for diversity within a species for greater accuracy
- No manipulation of result scores to obtain species identification²
- New expanded database includes identification of over 1000 species

VITEK® SOLUTIONS:

MOVING MICROBIOLOGY FORWARD

VITEK® MS is part of bioMérieux's comprehensive and complementary range of ID/AST solutions for infectious disease diagnostics. Together, VITEK® MS and VITEK® 2 provide seamless integration and the flexibility needed to optimize laboratory workflow and to support selection of appropriate antimicrobial treatment. VITEK® SOLUTIONS provides confidence in reporting results with speed and accuracy – whether you are faced with routine diagnoses, unusual or resistant organisms, or critical clinical situations.

* Not available in the United States.

1- Mather, C.A., et. al. Comparison of the Bruker Biotyper and Vitek MS Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry Systems for Identification of Mycobacteria Using Simplified Protein Extraction Protocols. J. Clin. Microbiol. 2014, 52(1):130. DOI: 10.1128/JCM.01996-13. 30 Oct. 2013.

2- Pence M.A., et. al. Eur J Clin Microbiol Infect Dis. 2014 ; 33(10) : 1703.





New species

VITEK® MS inactivation and extraction reagent kits are available with the first IVD-CE marked database for mycobacteria, Nocardia and moulds.
Database now with 1046 species.

Yeasts	Moulds	Nocardia	Mycobacteria	Bacteria
<i>Acinetobacter beijerinckii</i>	<i>Corynebacterium argentoratense</i>	<i>Mycobacterium arupense</i>	<i>Pandoraea sputorum</i>	
<i>Acinetobacter gyllenbergii</i>	<i>Corynebacterium durum</i>	<i>Mycobacterium asiaticum</i>	<i>Pantoea ananatis</i>	
<i>Acinetobacter schindleri</i>	<i>Corynebacterium falsenii</i>	<i>Mycobacterium aurum</i>	<i>Parabacteroides merdae</i>	
<i>Acromonium sclerotigenum</i>	<i>Corynebacterium imitans</i>	<i>Mycobacterium avium</i>	<i>Paracoccidioides brasiliensis</i>	
<i>Actinobacillus capsulatus</i>	<i>Corynebacterium matruchotii</i>	<i>Mycobacterium brisbanense</i>	<i>Paracoccus denitrificans</i>	
<i>Actinobacillus lignieresii</i>	<i>Corynebacterium mycetoides</i>	<i>Mycobacterium celatum</i>	<i>Paracoccus versutus</i>	
<i>Actinobacillus equuli</i>	<i>Corynebacterium riegliei</i>	<i>Mycobacterium chelonae</i>	<i>Pasteurella bettyae</i>	
<i>Actinobacillus equuli ssp haemolyticus</i>	<i>Corynebacterium sundsvallense</i>	<i>Mycobacterium cosmeticum</i>	<i>Pasteurella caballi</i>	
<i>Actinobaculum schaalii</i>	<i>Corynebacterium variabile</i>	<i>Mycobacterium flavescens</i>	<i>Pasteurella dagmatis</i>	
<i>Actinomyces bovis</i>	<i>Cryptococcus albidus var albidus</i>	<i>Mycobacterium alvei</i>	<i>Pasteurella multocida ssp multocida</i>	
<i>Actinomyces denticolens</i>	<i>Cryptococcus gattii</i>	<i>Mycobacterium farcinogenes</i>	<i>Pasteurella pneumotropica</i>	
<i>Actinomyces graevenitzi</i>	<i>Cupriavidus gilardii</i>	<i>Mycobacterium fortuitum</i>	<i>Pasteurella stomatis</i>	
<i>Actinomyces israelii</i>	<i>Cupriavidus necator</i>	<i>Mycobacterium fortuitum ssp fortuitum</i>	<i>Peptoniphilus harei</i>	
<i>Actinomyces naeslundii</i>	<i>Cupriavidus respiraculi</i>	<i>Mycobacterium houstonense</i>	<i>Peptoniphilus ivorii</i>	
<i>Aeromonas enteropelogenes</i>	<i>Curtobacterium pusillum</i>	<i>Mycobacterium peregrinum</i>	<i>Peptoniphilus lacrimalis</i>	
<i>Aeromonas eucrenophila</i>	<i>Curvularia hawaiiensis</i>	<i>Mycobacterium porcinum</i>	<i>Prevotella baroniae</i>	
<i>Aeromonas media</i>	<i>Curvularia spicifera</i>	<i>Mycobacterium senegalense</i>	<i>Prevotella loeschii</i>	
<i>Aeromonas schubertii</i>	<i>Dermatophilus congolensis</i>	<i>Mycobacterium gastrii</i>	<i>Prevotella nigrescens</i>	
<i>Anaerococcus prevotii</i>	<i>Dolosigranulum pigrum</i>	<i>Mycobacterium genavense</i>	<i>Prevotella oralis</i>	
<i>Anaerococcus tetradius</i>	<i>Eggerthia cateniformis</i>	<i>Mycobacterium goodii</i>	<i>Prevotella ruminicola</i>	
<i>Anaerococcus vaginalis</i>	<i>Enterobacter cloacae ssp cloacae</i>	<i>Mycobacterium gordonae</i>	<i>Prevotella salivae</i>	
<i>Arcobacter butzleri</i>	<i>Enterobacter hormaechei</i>	<i>Mycobacterium haemophilum</i>	<i>Prevotella timonensis</i>	
<i>Arthroderma benhamiae</i>	<i>Enterobacter hormaechei ssp hormaechei</i>	<i>Mycobacterium immunogenum</i>	<i>Prevotella veroralis</i>	
<i>Aspergillus candidus</i>	<i>Enterobacter hormaechei ssp oharae</i>	<i>Mycobacterium intracellulare</i>	<i>Pseudallescheria boydii</i>	
<i>Aspergillus lentulus</i>	<i>Enterobacter hormaechei ssp steigerwaltii</i>	<i>Mycobacterium kansasii</i>	<i>Pseudoxanthomonas kaohsiungensis</i>	
<i>Aspergillus terreus</i>	<i>Enterobacter kobei</i>	<i>Mycobacterium kubicae</i>	<i>Pseudoxanthomonas mexicana</i>	
<i>Aspergillus unguis</i>	<i>Enterobacter ludwigii</i>	<i>Mycobacterium lentiflavum</i>	<i>Rasamsonia argillacea</i>	
<i>Atopobium vaginae</i>	<i>Epidermophyton floccosum</i>	<i>Mycobacterium mageritense</i>	<i>Rhizopus arrhizus</i>	
<i>Avibacterium gallinarum</i>	<i>Eutypella scoparia</i>	<i>Mycobacterium malmoense</i>	<i>Rhizopus microsporus</i>	
<i>Avibacterium paragallinarum</i>	<i>Exophiala dermatitidis</i>	<i>Mycobacterium marinum</i>	<i>Roseomonas mucosa</i>	
<i>Bacillus altitudinis</i>	<i>Exophiala xenobiotica</i>	<i>Mycobacterium mucogenicum</i>	<i>Rothia aera</i>	
<i>Bacillus clausii</i>	<i>Exserohilum rostratum</i>	<i>Mycobacterium nebraskense</i>	<i>Sarcocladium kiliense</i>	
<i>Bacillus horneckiae</i>	<i>Flavobacterium columnare</i>	<i>Mycobacterium neoaurum</i>	<i>Scedosporium apiospermum</i>	
<i>Bacillus idriensis</i>	<i>Flavobacterium psychrophilum</i>	<i>Mycobacterium paraffinicum</i>	<i>Scedosporium prolificans</i>	
<i>Bacillus psychrosaccharolyticus</i>	<i>Fluoribacter dumoffii</i>	<i>Mycobacterium phlei</i>	<i>Sporothrix schenckii</i>	
<i>Bacillus subtilis ssp spizizenii</i>	<i>Fluoribacter gormanii</i>	<i>Mycobacterium scrofulaceum</i>	<i>Staphylococcus capitis ssp capitis</i>	
<i>Bacteroides xylanisolvens</i>	<i>Fusarium chlamydisporum</i>	<i>Mycobacterium shimoidei</i>	<i>Staphylococcus capitis ssp urealyticus</i>	
<i>Bacteroides pyogenes</i>	<i>Fusobacterium gonidiaformans</i>	<i>Mycobacterium simiae</i>	<i>Staphylococcus carnosus ssp utilis</i>	
<i>Bibersteinia trehalosi</i>	<i>Fusobacterium necrophorum ssp funduliforme</i>	<i>Mycobacterium smegmatis</i>	<i>Staphylococcus delphini</i>	
<i>Blastomyces dermatitidis</i>	<i>Fusobacterium nucleatum ssp nucleatum</i>	<i>Mycobacterium szulgai</i>	<i>Staphylococcus equorum ssp equorum</i>	
<i>Bordetella hinzii</i>	<i>Fusobacterium russii</i>	<i>Mycobacterium triplex</i>	<i>Staphylococcus equorum ssp linens</i>	
<i>Bordetella holmesii</i>	<i>Gallibacterium anatis</i>	<i>Mycobacterium africanum</i>	<i>Staphylococcus hominis ssp novobiosepticus</i>	
<i>Brachyбактерium alimentarium</i>	<i>Gordonia namibiensis</i>	<i>Mycobacterium bovis</i>	<i>Staphylococcus lutrae</i>	
<i>Brachyбактерium nesterenkovi</i>	<i>Gordonia sputi</i>	<i>Mycobacterium canettii</i>	<i>Staphylococcus pettenkoferi</i>	
<i>Brevibacillus choshinensis</i>	<i>Haemophilus haemoglobinophilus</i>	<i>Mycobacterium tuberculosis</i>	<i>Staphylococcus piscifermentans</i>	
<i>Brevibacterium ptyocampae</i>	<i>Histoplasma capsulatum</i>	<i>Mycobacterium vaccae</i>	<i>Staphylococcus saprophyticus ssp saprophyticus</i>	
<i>Burkholderia ambifaria</i>	<i>Inquilinus limosus</i>	<i>Mycobacterium xenopi</i>	<i>Staphylococcus sciuri ssp carniaticus</i>	
<i>Burkholderia anthina</i>	<i>Jeotgalicoccus aerolatus</i>	<i>Neisseria canis</i>	<i>Staphylococcus sciuri ssp rodentium</i>	
<i>Burkholderia arboris</i>	<i>Kocuria palustris</i>	<i>Neisseria flava</i>	<i>Staphylococcus sciuri ssp sciuri</i>	
<i>Burkholderia cenocepacia</i>	<i>Kocuria rhizophila</i>	<i>Neisseria perflava</i>	<i>Streptococcus acidominimus</i>	
<i>Burkholderia contaminans</i>	<i>Labrys wisconsinensis</i>	<i>Neisseria sicca</i>	<i>Streptococcus downei</i>	
<i>Burkholderia diffusa</i>	<i>Lactobacillus alimentarius</i>	<i>Neisseria polysaccharea</i>	<i>Streptococcus iniae</i>	
<i>Burkholderia dolosa</i>	<i>Lactobacillus plantarum ssp argentoratensis</i>	<i>Neisseria weaveri</i>	<i>Streptococcus parauberis</i>	
<i>Burkholderia lata</i>	<i>Lactococcus lactis ssp hordniae</i>	<i>Nocardia abscessus</i>	<i>Streptococcus sinensis</i>	
<i>Burkholderia latens</i>	<i>Legionella anisa</i>	<i>Nocardia africana</i>	<i>Taylorella equigenitalis</i>	
<i>Burkholderia metallica</i>	<i>Legionella bozemanae</i>	<i>Nocardia nova</i>	<i>Trichophyton equinum</i>	
<i>Burkholderia pyrrocinia</i>	<i>Legionella feeleyi</i>	<i>Nocardia beijingensis</i>	<i>Trichophyton erinacei</i>	
<i>Burkholderia ubonensis</i>	<i>Legionella longbeachae</i>	<i>Nocardia brasiliensis</i>	<i>Trichophyton interdigitale</i>	
<i>Campylobacter mucosalis</i>	<i>Legionella pneumophila ssp fraseri</i>	<i>Nocardia cyriacigeorgica</i>	<i>Trichophyton mentagrophytes</i>	
<i>Candida orthopsilosis</i>	<i>Lichtheimia corymbifera</i>	<i>Nocardia farcinica</i>	<i>Trichophyton rubrum</i>	
<i>Candida palmioleophila</i>	<i>Listonella anguillarum</i>	<i>Nocardia neocaledoniensis</i>	<i>Trichophyton schoenleinii</i>	
<i>Candida pararugosa</i>	<i>Lodderomyces elongisporus</i>	<i>Nocardia otitidiscaviarum</i>	<i>Trichophyton terrestre</i>	
<i>Candida viswanathii</i>	<i>Mycobacterium aoyamense</i>	<i>Nocardia paucivorans</i>	<i>Trichophyton tonsurans</i>	
<i>Capnocytophaga canimorsus</i>	<i>Micrococcus terreus</i>	<i>Nocardia pseudobrasiliensis</i>	<i>Trichophyton verrucosum</i>	
<i>Capnocytophaga granulosa</i>	<i>Microrosporum audouinii</i>	<i>Nocardia transvalensis</i>	<i>Trichophyton violaceum</i>	
<i>Cladophialophora bantiana</i>	<i>Microrosporum canis</i>	<i>Nocardia veterana</i>	<i>Turicella otitidis</i>	
<i>Clostridium chauvoei</i>	<i>Microrosporum fulvum</i>	<i>Nocardia wallacei</i>	<i>Veillonella atypica</i>	
<i>Clostridium haemolyticum</i>	<i>Microrosporum gypseum</i>	<i>Ochrobactrum intermedium</i>	<i>Virgibacillus proomii</i>	
<i>Clostridium innocuum</i>	<i>Microrosporum persicolor</i>	<i>Odoribacter splanchnicus</i>	<i>Xanthomonas axonopodis</i>	
<i>Clostridium novyi</i>	<i>Microrosporum praecox</i>	<i>Ornithobacterium rhinotracheale</i>	<i>Xanthomonas vasculorum</i>	
<i>Clostridium subterminale</i>	<i>Moraxella cuniculi</i>	<i>Paenibacillus apiarius</i>	<i>Xanthomonas translucens pv graminis</i>	
<i>Coccidioides immitis</i>	<i>Enhydrobacter aerosaccus</i>	<i>Paenibacillus larvae</i>	<i>Xanthomonas translucens pv translucens</i>	
<i>Coccidioides posadasii</i>	<i>Mucor lanceolatus</i>	<i>Paenibacillus provencensis</i>	<i>Yersinia bercovieri</i>	
<i>Comamonas aquatica</i>	<i>Mucor racemosus</i>	<i>Pandoraea apista</i>	<i>Yersinia massiliensis</i>	
<i>Corynebacterium accolens</i>	<i>Mucor velutinosus</i>	<i>Pandoraea norimbergensis</i>	<i>Yersinia mollaretii</i>	
<i>Corynebacterium afermentans</i>	<i>Mycobacterium abscessus</i>	<i>Pandoraea pnomenusa</i>	<i>Yersinia rohdei</i>	
<i>Corynebacterium ammoniagenes</i>	<i>Mycobacterium agri</i>	<i>Pandoraea pulmonicola</i>	<i>Yersinia similis</i>	

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