

BIOMÉRIEUX

VITEK® MS PRIME

FDA Cleared Organism Knowledge Base



PIONEERING DIAGNOSTICS

VITEK® MS PRIME

FDA Cleared Organism Knowledge Base

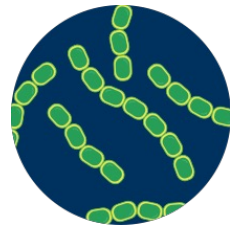


400 FDA 510(K) CLEARED ORGANISMS INCLUDING:



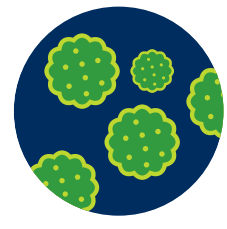
19

Mycobacteria



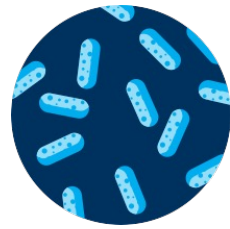
12

Nocardia Species



50

Molds



323

Bacteria & Yeast

400

CLAIMED ORGANISMS

1,316

TOTAL ORGANISMS

>15,000

DISTINCT STRAINS

39 FDA Cleared and Unclaimed *Mycobacterium* Species and Subspecies

➤ 96.5% correct single choice identifications from patient cultures¹

Key Emerging Pathogens

➤ *Brucella* species: 91.7% accurate single choice identifications¹

➤ *Candida auris*: 97.2% accurate single choice identifications¹

➤ *Elizabethkingia anophelis*: 94.1% accurate single choice identifications¹

207 FDA Claimed and Unclaimed Species and Subspecies of Molds and Yeast

➤ Molds: 92.7% accurate single choice identifications¹

➤ Yeast: 96.8% accurate single choice identifications¹

16 Claimed and Unclaimed *Nocardia* Species

➤ 97.9% combined correct choice identification¹

¹ Refer to the FDA 510(k) Clearance Decision Summary

MOLDS

- *Acremonium sclerotigenum*
- *Alternaria alternata*
- *Aspergillus brasiliensis*
- *Aspergillus calidoustus / ustus*
- *Aspergillus flavus / oryzae*
- *Aspergillus fumigatus*
- *Aspergillus lentulus*
- *Aspergillus nidulans*
- *Aspergillus niger complex*
- *Aspergillus sydowii*
- *Aspergillus terreus complex*
- *Aspergillus versicolor*
- *Blastomyces dermatitidis*
- *Cladophialophora bantiana*
- *Coccidioides immitis / posadasii*
- *Curvularia hawaiiensis*
- *Curvularia spicifera*
- *Epidermophyton floccosum*
- *Exophiala dermatitidis*
- *Exophiala xenobiotica*
- *Exserohilum rostratum*
- *Fusarium oxysporum complex*
- *Fusarium proliferatum*
- *Fusarium solani complex*
- *Histoplasma capsulatum*
- *Lecythophora hoffmannii*
- *Lichtheimia corymbifera*
- *Microsporum audouinii*
- *Microsporum canis*
- *Microsporum gypsum*
- *Mucor racemosus complex*
- *Paecilomyces variotii complex*
- *Penicillium chrysogenum*
- *Pseudallescheria boydii*
- *Purpureocillium lilacinum*
- *Rasamsonia argillacea complex*
- *Rhizopus arrhizus complex*
- *Rhizopus microsporus complex*
- *Sarocladium kiliense*
- *Scedosporium apiospermum*
- *Scedosporium prolificans*
- *Sporothrix schenckii complex*
- *Trichophyton interdigitale*
- *Trichophyton rubrum*
- *Trichophyton tonsurans*
- *Trichophyton verrucosum*
- *Trichophyton violaceum*
- *Trichosporon asahii*
- *Trichosporon dermatis / mucoides*
- *Trichosporon inkin*

MYCOBACTERIA

- *Mycobacterium abscessus*
- *Mycobacterium avium*
- *Mycobacterium chelonae*
- *Mycobacterium fortuitum group*
- *Mycobacterium gordonae*
- *Mycobacterium haemophilum*
- *Mycobacterium immunogenum*
- *Mycobacterium intracellulare*
- *Mycobacterium kansasii*
- *Mycobacterium lentiflavum*
- *Mycobacterium malmoense*
- *Mycobacterium marinum*
- *Mycobacterium mucogenicum*
- *Mycobacterium scrofulaceum*
- *Mycobacterium simiae*
- *Mycobacterium smegmatis*
- *Mycobacterium szulgai*
- *Mycobacterium tuberculosis complex*
- *Mycobacterium xenopi*

NOCARDIA

- *Nocardia abscessus*
- *Nocardia africana / nova*
- *Nocardia asteroides*
- *Nocardia brasiliensis*
- *Nocardia cyriacigeorgica*
- *Nocardia farcinica*
- *Nocardia otitidiscaviarum*
- *Nocardia paucivorans*
- *Nocardia pseudobrasiliensis*
- *Nocardia transvalensis*
- *Nocardia veterana*
- *Nocardia wallacei*

GRAM NEGATIVE / POSITIVE BACTERIA & YEAST

- *Abiotrophia defectiva*
- *Achromobacter denitrificans*
- *Achromobacter xylosoxidans*
- *Acinetobacter baumannii*
- *Acinetobacter calcoaceticus*
- *Acinetobacter haemolyticus*
- *Acinetobacter johnsonii*
- *Acinetobacter junii*
- *Acinetobacter lwoffii*
- *Acinetobacter nosocomialis*
- *Acinetobacter pittii*
- *Actinomyces bovis*
- *Actinomyces israelii*
- *Actinomyces meyeri*
- *Actinomyces naeslundii*
- *Actinomyces neuii*
- *Actinomyces odontolyticus*
- *Actinotignum schaalii*
- *Aerococcus viridans*
- *Aeromonas hydrophila*
- *Aeromonas jandaei*
- *Aeromonas punctata (caviae)*
- *Aeromonas sobria*
- *Aeromonas veronii*
- *Aggregatibacter*
- *actinomycetemcomitans*
- *Aggregatibacter aphrophilus*
- *Aggregatibacter segnis*
- *Alcaligenes faecalis ssp faecalis*
- *Bacteroides caccae*
- *Bacteroides eggerthii*
- *Bacteroides fragilis*
- *Bacteroides ovatus / xylanisolvens*
- *Bacteroides pyogenes*
- *Bacteroides stercoris*
- *Bacteroides thetaiotaomicron*
- *Bacteroides uniformis*
- *Bacteroides vulgatus*
- *Bifidobacterium spp*
- *Bilophila wadsworthia*
- *Bordetella avium*
- *Bordetella bronchiseptica*
- *Bordetella parapertussis*
- *Bordetella pertussis*
- *Brevundimonas diminuta*
- *Brevundimonas vesicularis*
- *Brucella spp*
- *Burkholderia cenocepacia*
- *Burkholderia cepacia*
- *Burkholderia contaminans*
- *Burkholderia gladioli*
- *Burkholderia multivorans*
- *Burkholderia vietnamiensis*
- *Campylobacter coli*
- *Campylobacter jejuni*
- *Campylobacter rectus*
- *Candida albicans*
- *Candida auris*
- *Candida dubliniensis*
- *Candida duobushaemulonii*
- *Candida famata*
- *Candida glabrata*
- *Candida guilliermondii*
- *Candida haemulonii*
- *Candida inconspicua*
- *Candida intermedia*
- *Candida kefyr*
- *Candida krusei*
- *Candida lambica*
- *Candida lipolytica*
- *Candida lusitanae*
- *Candida metapsilosis*
- *Candida norvegensis*
- *Candida orthopsilosis*
- *Candida parapsilosis*
- *Candida pelliculosa*
- *Candida rugosa*
- *Candida tropicalis*
- *Candida utilis*
- *Candida zeylanoides*
- *Cedecea davisae*
- *Cedecea lapagei*
- *Cedecea neteri*
- *Chryseobacterium gleum*
- *Chryseobacterium indologenes*
- *Citrobacter amalonaticus*
- *Citrobacter braakii*
- *Citrobacter farmeri*
- *Citrobacter freundii*
- *Citrobacter koseri*
- *Citrobacter youngae*
- *Clostridium baratii*
- *Clostridium beijerinckii*
- *Clostridium butyricum*
- *Clostridium cadaveris*
- *Clostridium clostridioforme*
- *Clostridium difficile*
- *Clostridium innocuum*
- *Clostridium novyi*
- *Clostridium perfringens*
- *Clostridium ramosum*
- *Clostridium septicum*
- *Clostridium sporogenes*
- *Clostridium tertium*
- *Clostridium tetani*
- *Comamonas testosteroni*
- *Corynebacterium jeikeium*
- *Cronobacter muytjensii*
- *Cronobacter sakazakii*
- *Cronobacter turicensis*
- *Cryptococcus gattii*
- *Cryptococcus neoformans*
- *Curtobacterium flaccumfaciens*
- *Delftia acidovorans*
- *Edwardsiella hoshinae*
- *Edwardsiella tarda*
- *Eikenella corrodens*
- *Elizabethkingia anophelis*
- *Elizabethkingia meningoseptica*
- *Elizabethkingia miricola*
- *Enterobacter aerogenes*
- *Enterobacter cloacae*
- *Enterobacter asburiae*
- *Enterobacter cancerogenus*
- *Enterobacter hormaechei*
- *Enterobacter kobei*
- *Enterobacter ludwigii*
- *Enterobacter avium*
- *Enterococcus casseliflavus*
- *Enterococcus durans*
- *Enterococcus faecalis*
- *Enterococcus faecium*
- *Enterococcus gallinarum*
- *Enterococcus hirae*
- *Escherichia coli*
- *Escherichia fergusonii*
- *Escherichia hermannii*
- *Escherichia vulneris*
- *Ewingella americana*
- *Fingoldia magna*
- *Fusobacterium mortiferum*
- *Fusobacterium necrophorum*
- *Fusobacterium nucleatum*
- *Fusobacterium periodonticum*
- *Gardnerella vaginalis*
- *Gemella haemolysans*
- *Gemella morbillorum*
- *Granulicatella adiacens*
- *Haemophilus influenzae*
- *Haemophilus parahaemolyticus*
- *Haemophilus parainfluenzae*
- *Hafnia alvei*
- *Hathewayia histolytica*
- *Kingella denitrificans*
- *Kingella kingae*
- *Klebsiella oxytoca*
- *Klebsiella pneumoniae*
- *Kluyvera ascorbata*
- *Kluyvera cryocrescens*
- *Kluyvera intermedia*
- *Kocuria rhizophila*
- *Kodamaea ohmeri*
- *Lactococcus garvieae*
- *Lactococcus lactis*
- *Leclercia adecarboxylata*
- *Legionella pneumophila*
- *Lelliottia amnigena*
- *Leuconostoc mesenteroides*
- *Leuconostoc pseudomesenteroides*
- *Listeria monocytogenes*
- *Malassezia furfur*
- *Malassezia pachydermatis*
- *Mannheimia haemolytica*
- *Micrococcus luteus*
- *Mobiluncus curtisii*
- *Moraxella catarrhalis*
- *Moraxella lacunata*
- *Moraxella nonliquefaciens*
- *Moraxella osloensis*
- *Morganella morganii*
- *Myroides spp*
- *Neisseria cinerea*
- *Neisseria gonorrhoeae*
- *Neisseria meningitidis*
- *Neisseria mucosa / sicca*
- *Ochrobactrum anthropi*
- *Oligella ureolytica*
- *Oligella urethralis*
- *Paeniclostridium sordellii*
- *Pantoea agglomerans*
- *Pantoea dispersa*
- *Paraclostridium bifermentans*
- *Parvimonas micra*
- *Pasteurella aerogenes*
- *Pasteurella multocida*
- *Pediococcus acidilactici*
- *Peptoniphilus asaccharolyticus*
- *Peptostreptococcus anaerobius*
- *Plesiomonas shigelloides*
- *Pluralibacter gergoviae*
- *Porphyromonas asaccharolytica / uenonis*
- *Porphyromonas gingivalis*
- *Prevotella bivia*
- *Prevotella buccae*
- *Prevotella denticola*
- *Prevotella intermedia*
- *Prevotella loescheii*
- *Prevotella melaninogenica*
- *Prevotella oralis*
- *Prevotella oris*
- *Propionibacterium acidipropionici*
- *Propionibacterium acnes*
- *Propionibacterium avidum*
- *Propionibacterium granulosum*
- *Propionibacterium propionicum*
- *Proteus mirabilis*
- *Proteus penneri*
- *Proteus vulgaris*
- *Providencia alcalifaciens*
- *Providencia rettgeri*
- *Providencia rustigianii*
- *Providencia stuartii*
- *Pseudomonas aeruginosa*
- *Pseudomonas alcaligenes*
- *Pseudomonas fluorescens*
- *Pseudomonas luteola*
- *Pseudomonas mendocina*
- *Pseudomonas oryzihabitans*
- *Pseudomonas putida*
- *Pseudomonas stutzeri*
- *Ralstonia pickettii*
- *Raoultella ornithinolytica*
- *Raoultella planticola*
- *Raoultella terrigena*
- *Rhizobium radiobacter*
- *Rhodotorula mucilaginosa*
- *Rothia mucilaginosa*
- *Saccharomyces cerevisiae*
- *Salmonella enterica ssp enterica*
- *Saprochaete capitata*
- *Serratia ficaria*
- *Serratia fonticola*
- *Serratia grimesii*
- *Serratia liquefaciens*
- *Serratia marcescens*
- *Serratia odorifera*
- *Serratia plymuthica*
- *Serratia proteamaculans*
- *Serratia quinivorans*
- *Serratia rubidaea*
- *Shewanella putrefaciens*
- *Sphingobacterium multivorum*
- *Sphingobacterium spiritivorum*
- *Sphingomonas paucimobilis*
- *Staphylococcus aureus*
- *Staphylococcus auricularis*
- *Staphylococcus capitis*
- *Staphylococcus chromogenes*
- *Staphylococcus cohnii ssp cohnii*
- *Staphylococcus cohnii ssp urealyticus*
- *Staphylococcus epidermidis*
- *Staphylococcus haemolyticus*
- *Staphylococcus hominis*
- *Staphylococcus hyicus*
- *Staphylococcus intermedius*
- *Staphylococcus pseudintermedius*
- *Staphylococcus kloosii*
- *Staphylococcus lentus*
- *Staphylococcus lugdunensis*
- *Staphylococcus saprophyticus*
- *Staphylococcus schleiferi*
- *Staphylococcus sciuri*
- *Staphylococcus simulans*
- *Staphylococcus warneri*
- *Staphylococcus xylosum*
- *Stenotrophomonas maltophilia*
- *Streptococcus agalactiae*
- *Streptococcus alactolyticus*
- *Streptococcus anginosus*
- *Streptococcus canis*
- *Streptococcus constellatus*
- *Streptococcus cristatus*
- *Streptococcus dysgalactiae ssp dysgalactiae*
- *Streptococcus dysgalactiae ssp equisimilis*
- *Streptococcus equi ssp equi*
- *Streptococcus equi ssp zooepidemicus*
- *Streptococcus equi ssp ruminatorum*
- *Streptococcus equinus*
- *Streptococcus gallolyticus ssp gallolyticus*
- *Streptococcus gallolyticus ssp pasteurianus*
- *Streptococcus gordonii*
- *Streptococcus infantarius ssp coli (Str.lutetiensis)*
- *Streptococcus infantarius ssp infantarius*
- *Streptococcus intermedius*
- *Streptococcus mitis / urealyticus*
- *Streptococcus oralis*
- *Streptococcus mutans*
- *Streptococcus parasanguinis*
- *Streptococcus pneumoniae*
- *Streptococcus pseudoporcinus*
- *Streptococcus pyogenes*
- *Streptococcus salivarius ssp salivarius*
- *Streptococcus sanguinis*
- *Streptococcus sobrinus*
- *Streptococcus suis*
- *Streptococcus uberis*
- *Streptococcus vestibularis*
- *Tannerella forsythia*
- *Veillonella dispar*
- *Vibrio alginolyticus*
- *Vibrio cholerae*
- *Vibrio fluvialis*
- *Vibrio metschnikovii*
- *Vibrio mimicus*
- *Vibrio parahaemolyticus*
- *Vibrio vulnificus*
- *Yersinia aldovae*
- *Yersinia enterocolitica*
- *Yersinia frederiksenii*
- *Yersinia intermedia*
- *Yersinia kristensenii*
- *Yersinia pseudotuberculosis*
- *Yersinia ruckeri*

BIOMÉRIEUX

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*Compared to VITEK MS



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