BIOMÉRIEUX

VITEK® 2

Microbiology with confidence

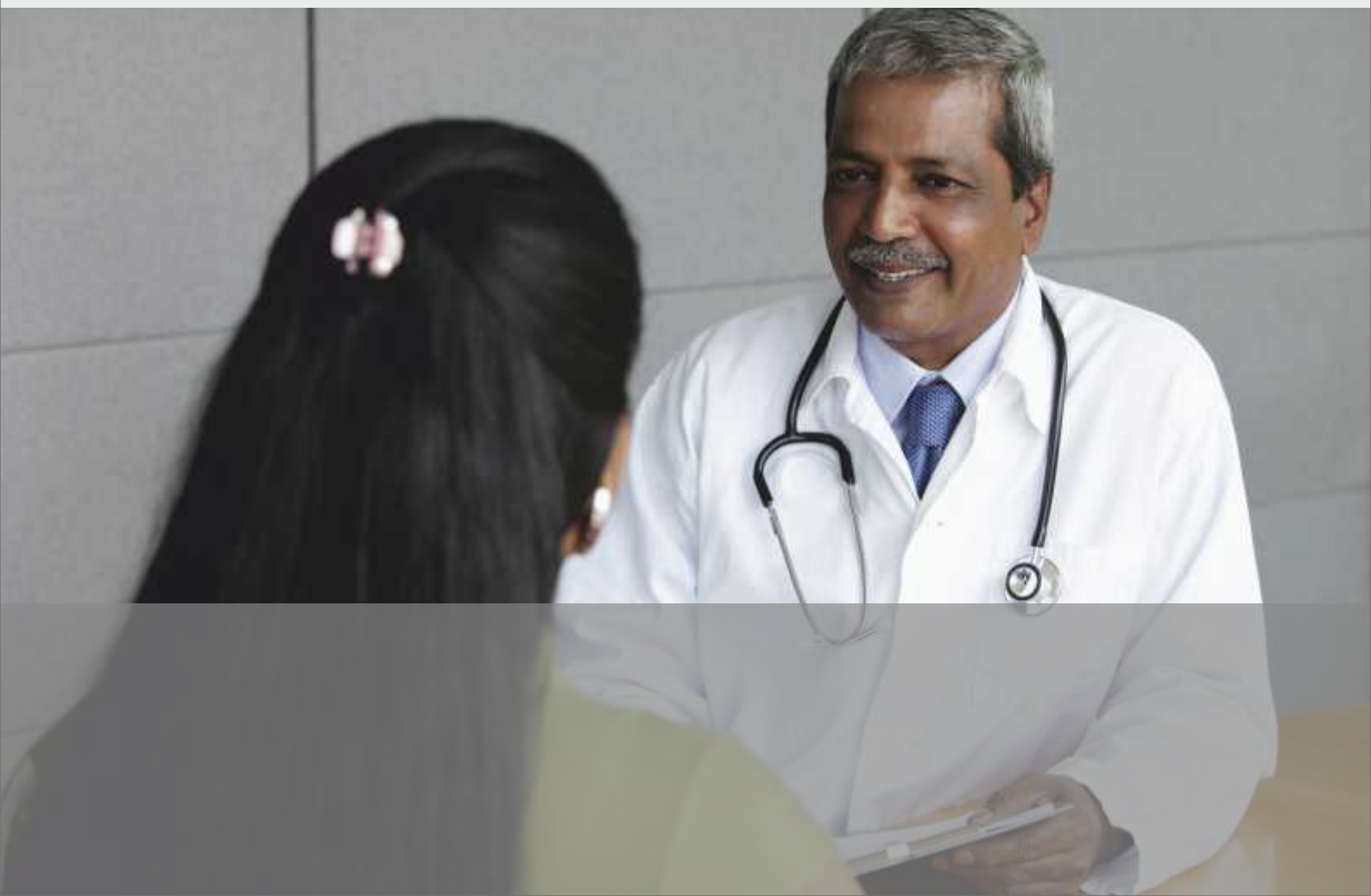
PIONEERING DIAGNOSTICS

IMPROVED PATIENT OUTCOMES

You are faced with an upsurge in bacterial resistance making its detection more complex. Studies show that providing rapid identification and antibiotic susceptibility (ID/AST) results leads to improved patient and financial outcomes.[2,9,10]

Faster and more accurate results contribute to improved patient management, reducing the number of diagnostic tests, the length of hospitalisation and all associated costs.[1,2,9,10,13]

Having a rapid, reliable solution helps to improve patient outcomes, and is the reason why the **VITEK® 2** is the most widely used ID/AST system globally.



VITEK® 2

Susceptibility Testing Made Simple

Automated Validation of Every Result

VITEK® 2 technology represents a smarter way to automate ID/AST testing. It provides rapid, automatic, standardised validation of every test result with next generation expert software, the ADVANCED EXPERT SYSTEM [2,3,9,10].

VITEK® 2 is a unique system that uses a phenotypic expert system instead of commonly used rules-based expert systems which are incapable of recognizing unusual results (i.e. mixed cultures) and new resistance phenotypes for which no rules exist. As a result, microbiologists need to review every single result for rules-based systems, even the vast majority that do not trigger any rules.

RESULTS YOU CAN TRUST

The VITEK® 2 ADVANCED EXPERT SYSTEM software is like having an expert advisor standing by your side[3,15,17]. It applies a colored indicator to each isolate that shows the level of confidence in the susceptibility results:

- **Green** : Fully consistent results
- **Yellow** : Inconsistent result, review required
- **Red** : Unknown phenotype, check results
- **Purple** : Phenotype not in database

Microbiologists can quickly and confidently report the majority of results to clinicians, and focus their attention on only those that require their expertise[13].

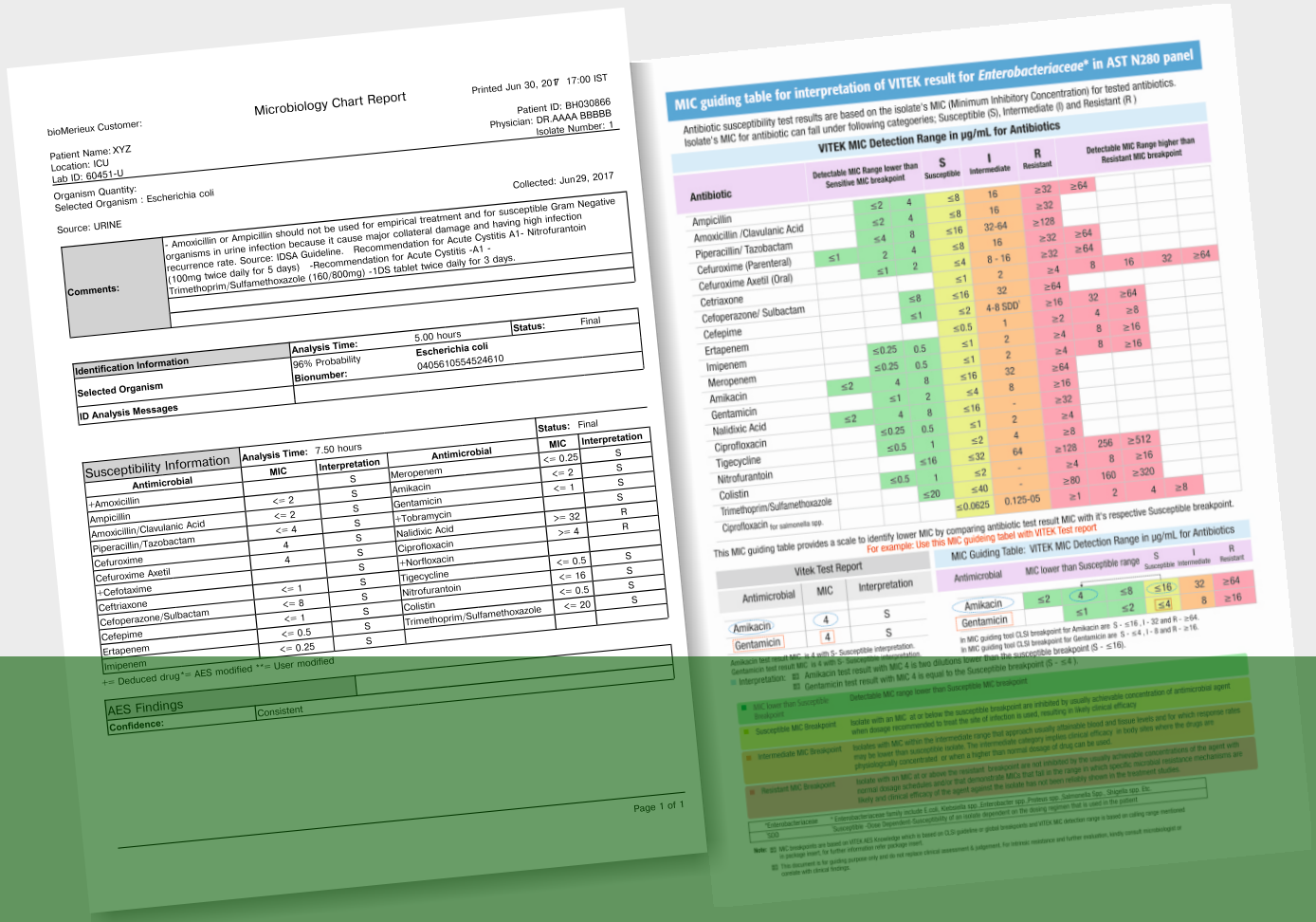
PROVEN MEDICAL VALUE

MIC* results from a cultured isolate in as little as 5 to 8 hours[13,16], allows clinicians to quickly optimise antimicrobial therapy and implement infection control policies[10] :

- Reduced length and cost of hospitalisation[1,2,9,10]
- Decrease antimicrobial usage and help implement institutional stewardship policies[2,9,10]
- Right drug at the right time

*MIC - Minimum inhibitory concentrations

1. Ayats J., et. al. ASM 2007; Poster C-158. 2. Barenfanger J., et. al. J Clin Microbiol, 1999; 37(5): 1415. 3. Barry J., et. al. J of Antimicrob Chemother, 2003; 51: 1191. 4. Blondel-Hill E., et. al. ICAAC 2006; Poster D-691. 5. Bobenchik A.M., et. al. J Clin Microbiol, 2014; 53(3): 816. 6. Bobenchik A.M, et. al. J Clin Microbiol, 2014; 52 (2): 392. 7. Doat V., et. al. ECCMID 2007; Poster P-1727. 8. Eigner U., et. al. J Clin Microbiol, 2005; 43(8): 3829. 9. Galar A., et. al. J Infect, 2012; 65(4): 302. 10. Galar A., et. al. Eur J Clin Microbiol Infect Dis, 2012; 31 (9): 2445. 11. Heller-Ono A. bioMerieux White Paper, 2008. 12. Hooper M., et. al. ECCMID 2013; Poster P-1536. 13. LaBombardi V.J. bioMerieux White Paper, 2011. 14. Larone D.H, et. al. ASM 2000; Poster C-279. 15. Livermore DM., et. al. J Antimicrob Chemother, 2002; 49 (2): 289. 16. Römmler W., et. al. ASM 2006; Poster C-123. 17. Sanders CC., et. al. J Clin Microbiol, 2001; 39 (7): 2379.



With its intuitive customisable reporting and seamless lab connectivity, **VITEK® 2** easily adapts to your specific needs.

RESULTS AT A GLANCE

- Immediate automatic validation and transfer of high confidence results to the LIS (auto-posting) with the ADVANCED EXPERT SYSTEM software for faster targeted therapy [3,10,13,15,17]
- Easy-to-use and familiar Windows® layout
- Quick access to ID and AST results using the navigation tree and filters
- Rapid result searches by patient, bench, date tested, organism, technician, accession number, etc.

CUSTOMISED REPORTING

According to your requirements using BIOART (Advanced Reporting Tool)

- Create rules based on intuitive ifthen logic
- Eliminates manual report modification
- Automatically adds customised comments and alerts when reporting critical results
- Helps implement your institutions reporting and infection control policies

QUALITY CONTROL MODULE

- Manages and reports quality control results

Tailor VITEK®2 to your needs

CONNECTIVITY

Link to other computers and software

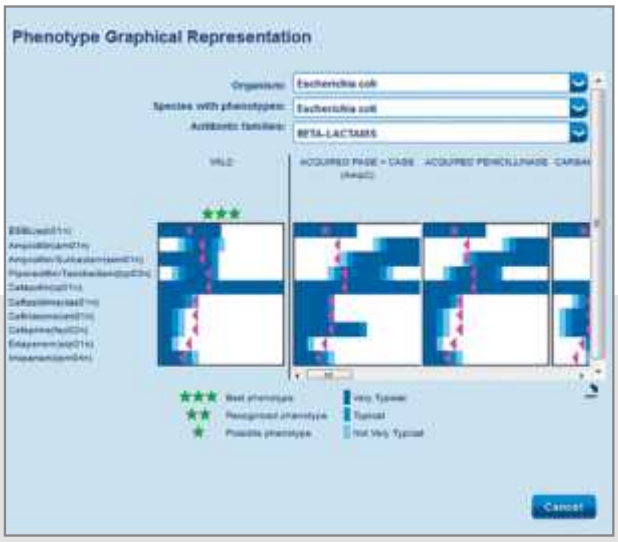
- Connect easily to your Laboratory Information System (LIS) with BCI Link (Bi-directional Computer Interface)
- VILINK® software allows remote support and troubleshooting through a secure connection and enables automatic software, firmware and security updates.

MANAGE DATA AND SAMPLE WORKFLOW

MYLA®* software simplifies lab operations

- Provides real-time instrument and sample information at your fingertips
- Offers an actionable picture of your workflow through intuitive dashboards
- Results accessible from any device, any location
- Real-time cumulative statistical functions (e.g. antibiograms)
- Enables remote access by multiple users and real-time connectivity to an existing LIS

* Optional software package



VITEK® 2

is designed to make your ID/AST workflow as **rapid** and **reliable** as possible, while still providing maximum **flexibility** and full **traceability**. Lab personnel can focus on using their expertise where its most needed.

Choose Isolate

Prepare organism suspension and ensure correct McFarland Standard with DENSICHEK® PLUS

Scan card and Isolate barcodes to establish traceability

VITEK® 2 COMPACT: Use ID suspension to make AST suspension

SAVE TIME AND STREAMLINE YOUR WORKFLOW

VITEK® 2 has the shortest hands-on-time in the industry [1,4,8,11,12,16]

- Ergonomic automation enhances workflow [11]
- Minimal sample preparation with up to 50% fewer steps [11,14,16]
- Significantly less waste than other systems; up to 64% cost savings for contaminated waste disposal [7,12,14]

FLEXIBILITY

Simultaneous access from multiple workbenches

- The barcoding system saves time and improves traceability by linking patient isolates and test cards at the bench.
- VITEK® 2 improves lab workflow by allowing patient demographics to be linked to tests at multiple benches simultaneously.
- Simultaneous multi-user access to VITEK® 2 systems lets microbiologists finalise results from individual workstations.

Focus on what matters

VITEK® 2

VITEK® 2/XL: Load cards on instrument for fully automated processing

Results in as little as 5 to 8 hours

VITEK® 2 COMPACT: Cards inoculated inside instrument and manually transferred from filling door to loading door for processing

VITEK® 2 COMPACT

RELIABLE, SAFE, RAPID

VITEK® 2 ID/AST cards are innovative

- Proven accuracy, with faster results, contributing to improved patient outcomes[1-8, 10,12]
- Minimises human error that is an inevitable part of manually reading and reviewing results[3,17]
- Closed system: no aerosols, splattering or spills
- Full traceability with pre-applied barcodes
- Lightweight: reduced waste and biohazard disposal costs while minimising storage space
- EUCAST and CLSI* compliant AST formulations available producing MICs based on reference CLSI and ISO MIC methods

* CLSI - Clinical & Laboratory Standards Institute
European Committee on Antimicrobial Susceptibility Testing

Rapid, Flexible, Efficient

Each self-contained, disposable test card provides rapid and accurate species-level identification or susceptibility results with accurate MICs* based on reference CLSI** , ISO MIC methods, EUCAST*** and US FDA****, or CLSI breakpoint interpretations.

Innovative and flexible design:

- Each card contains microwells with ID biochemicals or AST antimicrobials
- Ready and simple to use
- Pre-applied barcodes for maximum traceability
- EUCAST and CLSI compliant AST formulations available

Up to 50% fewer preparation steps than other systems.

- Inoculation with a simple, standardised suspension of organism in saline
- No reagent addition

Unique, safe, closed consumable:

- Optimal for user safety
- No aerosols, splattering, or spills
- Small, lightweight cards save on contaminated disposal costs and storage space

BROAD AND EXPANDING ID/AST TEST MENU

IDENTIFICATION CARD TYPES:

- GN (Gram negative bacilli)
  156 organisms
- GP (Gram positive cocci & bacilli)
  120 organisms
- ANC (anaerobes & Corynebacteria)
  89 organisms
- NH (Neisseria & Haemophilus)
  26 organisms
- YST (Yeast)
  50 organisms

ANTIBIOTIC SUSCEPTIBILITY CARD TYPES*

- Gram negative Bacilli
  76 antimicrobials and ESBL† test
- Staphylococci &/or Enterococci
  55 antimicrobials, 4 high level aminoglycoside screens and ICR†† test
- Streptococci
  14 antimicrobials and ICR test and gentamicin synergy
- Streptococcus pneumoniae
  23 antimicrobials
- YST (Yeast)
  6 antimicrobials

*Availability pending registrations as required by local regulatory authority

* Minimum Inhibitory Concentration
** Clinical & Laboratory Standards Institute
*** European Committee on Antimicrobial Susceptibility Testing
****Food and Drug Administration
† Extended-spectrum-beta-lactamase
†† Inducible clindamycin resistance

GRAM NEGATIVE IDENTIFICATION

VITEK® 2 GN CARD REF. 21341

ENTEROBACTERIACEAE

- *Budvicia aquatica*
- *Buttiauxella agrestis*
- *Cedecea davisae*
- *Cedecea lapagei*
- *Citrobacter amalonaticus*
- *Citrobacter braakii*
- *Citrobacter farmeri*
- *Citrobacter freundii*
- *Citrobacter koseri*
- *Citrobacter sedlakii*
- *Citrobacter youngae*
- *Cronobacter sakazakii group* (1)
- *Edwardsiella hoshinae*
- *Edwardsiella tarda*
- *Enterobacter aerogenes*
- *Enterobacter amnigenus 1*
- *Enterobacter amnigenus 2*
- *Enterobacter asburiae*
- *Enterobacter cancerogenus*
- *Enterobacter cloacae complex* (1)
- *Enterobacter gergoviae*
- *Escherichia coli*
- *Escherichia coli O157*
- *Escherichia fergusonii*
- *Escherichia hermannii*
- *Escherichia vulneris*
- *Ewingella americana*
- *Hafnia alvei*
- *Hafnia paralvei*
- *Klebsiella oxytoca*
- *Klebsiella pneumoniae ssp ozaenae*
- *Klebsiella pneumoniae ssp pneumoniae*
- *Klebsiella pneumoniae ssp rhinoscleromatis*
- *Kluyvera ascorbata*
- *Kluyvera cryocrescens*
- *Kluyvera intermedia*
- *Leclercia adecarboxylata*
- *Moellerella wisconsensis*
- *Morganella morganii ssp. morganii*
- *Morganella morganii ssp. sibonii*
- *Pantoea agglomerans*
- *Pantoea spp.*
- *Plesiomonas shigelloides*
- *Proteus hauseri*
- *Proteus mirabilis*
- *Proteus penneri*
- *Proteus vulgaris*
- *Providencia alcalifaciens*
- *Providencia rettgeri*
- *Providencia rustigianii*
- *Providencia stuartii*
- *Rahnella aquatilis*
- *Raoultella ornithinolytica*
- *Raoultella planticola*
- *Roseomonas gilardii*
- *Salmonella entérica ssp arizonae*
- *Salmonella entérica ssp diarizonae*
- *Salmonella group* (2)
- *Salmonella ser. Gallinarum*
- *Salmonella ser. paratyphi A*
- *Salmonella ser. typhi*
- *Serratia ficaria*
- *Serratia fonticola*
- *Serratia liquefaciens group* (3)
- *Serratia marcescens*
- *Serratia odorifera*
- *Serratia plymuthica*
- *Serratia rubidaea*
- *Shigella group* (4)
- *Shigella sonnei*
- *Tatumella ptyseos*
- *Yersinia aldovae*
- *Yersinia enterocolitica/frederiksenii*
- *Yersinia intermedia*
- *Yersinia kristensenii*
- *Yersinia pestis*
- *Yersinia pseudotuberculosis*
- *Yersinia ruckeri*
- *Yokenella regensburgei*

NON-ENTEROBACTERIACEAE

- *Achromobacter denitrificans*
- *Achromobacter xylosoxidans*
- *Acinetobacter baumannii complex*
- *Acinetobacter haemolyticus*
- *Acinetobacter junii*
- *Acinetobacter lwoffii*
- *Actinobacillus radioresistens*
- *Actinobacillus ursingii*
- *Actinobacillus ureae*
- *Aeromonas hydrophila/ Aeromonas caviae*
- *Aeromonas salmonicida*
- *Aeromonas sobria*
- *Aeromonas veronii*
- *Alcaligenes faecalis ssp. faecalis*
- *Bordetella bronchiseptica*
- *Bordetella hinzii*
- *Bordetella trematum*
- *Brevundimonas diminuta/vesicularis*
- *Brucella melitensis*
- *Burkholderia cepacia group* (5)
- *Burkholderia gladioli*
- *Burkholderia mallei*
- *Burkholderia pseudomallei*
- *Chromobacterium violaceum*
- *Chryseobacterium gleum*
- *Chryseobacterium indologenes*
- *Comamonas testosteroni*
- *Cupriavidus pauculus*
- *Delftia acidovorans*
- *Elizabethkingia meningoseptica*
- *Francisella tularensis*
- *Grimontia hollisae*
- *Mannheimia haemolytica*
- *Methylobacterium spp.*
- *Moraxella group* (6)
- *Myroides spp.*
- *Neisseria animaloris/zoodegmatis*
- *Ochrobactrum anthropi*
- *Oligella ureolytica*
- *Pandoraea ssp*
- *Paracoccus yeei*
- *Pasteurella aerogenes*
- *Pasteurella canis*
- *Pasteurella dagmatis*
- *Pasteurella multocida*
- *Pasteurella pneumotropica*
- *Pasteurella testudinis*
- *Photobacterium damselae*
- *Pseudomonas aeruginosa*
- *Pseudomonas alcaligenes*
- *Pseudomonas fluorescens*
- *Pseudomonas luteola*
- *Pseudomonas mendocina*
- *Pseudomonas oleovorans*
- *Pseudomonas oryzihabitans*
- *Pseudomonas putida*
- *Pseudomonas stutzeri*
- *Ralstonia insidiosa*
- *Ralstonia mannitolilytica*
- *Ralstonia pickettii*
- *Rhizobium radiobacter*
- *Roseomonas gilardii*
- *Shewanella algae*
- *Shewanella putrefaciens*
- *Sphingobacterium multivorum*
- *Sphingobacterium spiritivorum*
- *Sphingobacterium thalpophilum*
- *Sphingomonas paucimobilis*
- *Stenotrophomonas maltophilia*
- *Vibrio alginolyticus*
- *Vibrio cholerae*
- *Vibrio fluvialis*
- *Vibrio metschnikovii*
- *Vibrio mimicus*
- *Vibrio parahaemolyticus*
- *Vibrio vulnificus*

HIGHLY PATHOGENIC ORGANISMS

- *Brucella melitensis*
- *Burkholderia mallei*
- *Burkholderia pseudomallei*
- *Escherichia coli O157*
- *Francisella tularensis*
- *Yersinia pestis*

GRAM POSITIVE IDENTIFICATION

VITEK® 2 GP CARD REF. 21342

- *Abiotrophia defectiva*
- *Aerococcus urinae*
- *Aerococcus viridans*
- *Alloiococcus otitis*
- *Dermacoccus nishinomiyaensis / Kytococcus sedentarius*
- *Enterococcus avium*
- *Enterococcus casseliflavus*
- *Enterococcus cecorum*
- *Enterococcus columbae*
- *Enterococcus durans*
- *Enterococcus faecalis*
- *Enterococcus faecium*
- *Enterococcus gallinarum*
- *Enterococcus hirae*
- *Enterococcus raffinosus*
- *Enterococcus saccharolyticus*
- *Erysipelothrix rhusiopahiae*
- *Facklamia hominis*
- *Gardnerella vaginalis*
- *Gemella bergeri*
- *Gemella haemolysans*
- *Gemella morbillorum*
- *Gemella sanguinis*
- *Globicatella sanguinis*
- *Globicatella sulfidifaciens*
- *Granulicatella adiacens*
- *Granulicatella elegans*
- *Helcococcus kunziii*
- *Kocuria kristinae*
- *Kocuria rhizophila*
- *Kocuria rosea*
- *Kocuria varians*
- *Lactococcus garvieae*
- *Lactococcus lactis ssp cremoris*
- *Lactococcus lactis ssp lactis*
- *Lactococcus raffinolactis*
- *Leuconostoc citreum*
- *Leuconostoc lactis*
- *Leuconostoc mesenteroides ssp. cremoris*
- *Leuconostoc mesenteroides ssp. dextranicum*
- *Leuconostoc mesenteroides ssp. mesenteroides*
- *Leuconostoc pseudomesenteroides*
- *Listeria fleischmannii*
- *Listeria grayi*
- *Listeria innocua*
- *Listeria ivanovii*
- *Listeria monocytogenes*
- *Listeria rocourtiae*
- *Listeria seeligeri*
- *Listeria welshimeri*
- *Micrococcus luteus/lylae*
- *Pediococcus acidilactici*
- *Pediococcus pentosaceus*
- *Rothia mucilaginosa*
- *Staphylococcus arlettae*
- *Staphylococcus aureus*
- *Staphylococcus auricularis*
- *Staphylococcus capitis*
- *Staphylococcus caprae*
- *Staphylococcus carnosus ssp. carnosus*
- *Staphylococcus chromogenes*
- *Staphylococcus cohnii ssp. cohnii*
- *Staphylococcus cohnii ssp. urealyticus*
- *Staphylococcus epidermidis*
- *Staphylococcus equorum*
- *Staphylococcus gallinarum*
- *Staphylococcus haemolyticus*
- *Staphylococcus hominis ssp. hominis*
- *Staphylococcus hominis ssp. novobiosepticus*
- *Staphylococcus hyicus*
- *Staphylococcus intermedius*
- *Staphylococcus kloosii*
- *Staphylococcus lentus*
- *Staphylococcus lugdunensis*
- *Staphylococcus pseudintermedius*
- *Staphylococcus saprophyticus*
- *Staphylococcus schleiferi*
- *Staphylococcus sciuri*
- *Staphylococcus simulans*
- *Staphylococcus vitulinus*
- *Staphylococcus warneri*
- *Staphylcoccus xylosus*

- *Streptococcus agalactiae*
- *Streptococcus alactolyticus*
- *Streptococcus anginosus*
- *Streptococcus canis*
- *Streptococcus constellatus ssp. constellatus*
- *Streptococcus constellatus ssp. pharyngis*
- *Streptococcus cristatus*
- *Streptococcus downei*
- *Streptococcus dysgalactiae ssp. dysgalactiae*
- *Streptococcus dysgalactiae ssp. equisimilis*
- *Streptococcus equi ssp. equi*
- *Streptococcus equi ssp. zooepidemicus*
- *Streptococcus equinus*
- *Streptococcus gallolyticus ssp. gallolyticus*
- *Streptococcus gallolyticus ssp. pasteurianus*
- *Streptococcus gordonii*
- *Streptococcus hyointestinalis*
- *Streptococcus infantarius ssp. coli (Str. lutetiensis)*
- *Streptococcus infantarius ssp. infantarius*
- *Streptococcus iniae*
- *Streptococcus intermedius*
- *Streptococcus mitis / Streptococcus oralis*
- *Streptococcus mutans*
- *Streptococcus ovis*
- *Streptococcus parasanguinis*
- *Streptococcus pluranimalium*
- *Streptococcus pneumoniae*
- *Streptococcus porcinus*
- *Streptococcus pseudoporcinus*
- *Streptococcus pyogenes*
- *Streptococcus salivarius spp. salivarius*
- *Streptococcus salivarius spp. thermophilus*
- *Streptococcus sanguinis*
- *Streptococcus sobrinus*
- *Streptococcus suis I*
- *Streptococcus suis II*
- *Streptococcus thoraltensis*
- *Streptococcus uberis*
- *Streptococcus vestibularis*
- *Vagococcus fluvialis*

ANAEROBE CORYNEBACTERIA IDENTIFICATION

VITEK 2 ANC CARD REF. 21347

- *Actinobaculum schaalii*
- *Actinomyces bovis*
- *Actinomyces israelii*
- *Actinomyces meyeri*
- *Actinomyces naeslundii*
- *Actinomyces neuii*
- *Actinomyces odontolyticus*
- *Actinomyces turicensis*
- *Anaerococcus prevotii*
- *Arcanobacterium haemolyticum*
- *Atopobium vaginae*
- *Bacteroides caccae*
- *Bacteroides eggerthii*
- *Bacteroides fragilis*
- *Bacteroides ovatus*
- *Bacteroides stercoris*
- *Bacteroides thetaiotaomicron*
- *Bacteroides uniformis*
- *Bacteroides vulgatus*
- *Bifidobacterium spp.*
- *Campylobacter (Bacteroides) ureolyticus*
- *Clostridium barati*
- *Clostridium bifermentans*
- *Clostridium butyricum*
- *Clostridium cadaveris*
- *Clostridium chauvoei*
- *Clostridium clostridiiforme*
- *Clostridium difficile*
- *Clostridium glycolicum*
- *Clostridium group*
- *Clostridium histolyticum*
- *Clostridium paraputrificum*
- *Clostridium perfringens*
- *Clostridium ramosum*
- *Clostridium septicum*
- *Clostridium sordellii*
- *Clostridium sporogenes*
- *Clostridium subterminale*
- *Clostridium tertium*
- *Collinsella aerofaciens*
- *Corynebacterium amycolatum*
- *Corynebacterium diphtheriae*
- *Corynebacterium jeikeium*
- *Corynebacterium minutissimum*
- *Corynebacterium pseudodiphteriticum*
- *Corynebacterium striatum*
- *Corynebacterium ulcerans*
- *Corynebacterium urealyticum*
- *Eggerthella lenta*
- *Eggerthella catenaformis (Lactobacillus catenaformis)*
- *Eubacterium limosum*
- *Finegoldia magna*
- *Fusobacterium mortiferum*
- *Fusobacterium necrophorum*
- *Fusobacterium nucleatum*
- *Fusobacterium varium*
- *Lactobacillus acidopihlus*
- *Lactobacillus buchneri*
- *Lactobacillus casei*
- *Lactobacillus fermentum*
- *Lactobacillus gasseri*
- *Lactobacillus hilgardii*
- *Lactobacillus parabuchneri*
- *Lactobacillus paracasei*
- *Lactobacillus plantarum*
- *Microbacterium flavescens*
- *Micobacterium ssp*
- *Parabacteroides distasonis*
- *Parabacteroides merdae*
- *Parvimonas micra*
- *Peptoniphilus asaccharolyticus*
- *Peptoniphilus indolicus*
- *Peptostreptococcus anaerobius*
- *Porphyromonas gingivalis*
- *Prevotella bivia*
- *Prevotella buccae*
- *Prevotella disiens*
- *Prevotella denticola*
- *Prevotella intermedia*
- *Prevotella melaninogenica*
- *Prevotella oralis*
- *Prevotella oris*
- *Propionibacterium acnes*
- *Propionibacterium granulosum*
- *Propionibacterium propionicum (Propionibacterium propionicus)*
- *Staphylococcus saccharolyticus*
- *Trueperella pyogenes (Arcanobacterium pyogenes)*
- *Turicella otitidis*
- *Veillonella spp.*

NEISSERIA HAEMOPHILUS IDENTIFICATION

VITEK 2 NH CARD REF. 21346

- *Actinobacillus pleuropneumoniae*
- *Actinobacillus suis*
- *Actinobacillus ureae*
- *Aggregatibacter actinomycetemcomitans*
- *Aggregatibacter aphrophilus*
- *Aggregatibacter segnis*
- *Campylobacter coli*
- *Campylobacter fetus ssp. fetus*
- *Campylobacter jejuni ssp. jejuni*
- *Capnocytophaga spp.*
- *Cardiobacterium hominis*
- *Eikenella corrodens*
- *Gardnerella vaginalis*
- *Haemophilus haemolyticus*
- *Haemophilus influenzae*
- *Haemophilus parahaemolyticus*
- *Haemophilus parainfluenzae*
- *Histophilus somni*
- *Kingella denitrificans*
- *Kingella kingae*
- *Moraxella (Branhamella) catarrhalis*
- *Moraxella (Neisseria) ovis*
- *Neisseria cinerea*
- *Neisseria elongata*
- *Neisseria gonorrhoeae*
- *Neisseria lactamica*
- *Neisseria meningitidis*
- *Neisseria sicca*
- *Neisseria weaver*
- *Oligella urethralis*
- *Riemerella anatipestifer*
- *Suttonella indologenes*

YEAST IDENTIFICATION

VITEK 2 YST CARD REF. 21343

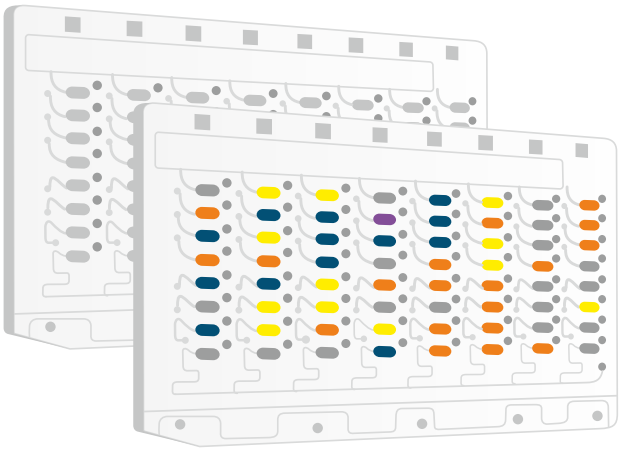
- *Candida albicans*
- *Candida auris*
- *Candida boidinii*
- *Candida catenulata*
- *Candida colliculosa*
- *Candida dubliniensis*
- *Candida duobushaemulonii*
- *Candida famata*
- *Candida freyschussii*
- *Candida glabrata*
- *Candida guilliermondii*
- *Candida haemulonii*
- *Candida haemulonii var vulnera*
- *Candida inconspicua / Candida lambica*
- *Candida intermedia*
- *Candida kefyr*
- *Candida krusei*
- *Candida lipolytica*
- *Candida lusitaniae*
- *Candida magnoliae*
- *Candida norvegensis*
- *Candida parapsilosis*
- *Candida pelliculosa*
- *Candida pulcherrima*
- *Candida rugosa*
- *Candida sake*
- *Candida spherica*
- *Candida tropicalis*
- *Candida utilis*
- *Candida zeylanoides*
- *Cryptococcus albidus*
- *Cryptococcus gattii*
- *Cryptococcus laurentii*
- *Cryptococcus neoformans*
- *Cryptococcus terreus*
- *Cryptococcus uniguttulatus*
- *Geotrichum klebahnii*
- *Kloeckera spp.*
- *Kodamaea ohmeri*
- *Malassezia furfur*
- *Malassezia pachydermatis*
- *Millerozyma farinosa (Pichia farinosa)*
- *Prototheca wickerhamii*
- *Prototheca zopfii*
- *Rhodotorula glutinis / Rhodotorula mucilaginosa*
- *Rhodotorula minuta*
- *Saccharomyces cerevisiae*
- *Saprochaete capitata (Geotrichum capitatum)*
- *Sporobolomyces salmonicolor*
- *Stephanoascus ciferrii*
- *Trichosporon asahii*
- *Trichosporon inkin*
- *Trichosporon mucoides*
- *Zygosaccharomyces bailii*
- *Zygosaccharomyces spp*

1) *Burkholderia cepacia, Cronobacter sakazakii, Enterobacter cloacae*
2) *Salmonella enterica ssp enterica, S.typhimurium, S.enteritidis, S.spp, S.ser.Paratyphi B, S.ser.Paratyphi C*
3) *Serratia grimesii, Ser.liquefaciens, Ser.proteamaculans ssp proteamaculans*
4) *Shigella flexneri, Shi.boydii, Shi.dysenteriae*
5) *Burkholderia cepacia, B.multivorans, B.stabilis, B.vietnamiensis*
6) *Moraxella lacunata, M.nonliquefaciens, M.osloensis*

India specific card

Customization of Antibiotic panels to meet your needs

- Designed to detect prevailing/emerging antibiotic resistance
- Customised as per prescribing habits of clinicians
- MIC breakpoint are based on latest CLSI guidelines
- Availability of antibiotics at pharmacy



PANEL FOR GNB	REF-414532
Product Description: AST N281	
Amikacin	
Aztreonam	
Cefepime	
Cefoperazone/Sulbactam	
Ceftazidime	
Ciprofloxacin	
Colistin	
Doripenem	
Gentamicin	
Imipenem	
Levofloxacin	
Meropenem	
Minocycline	
Piperacillin/Tazobactam	
Ticarcillin/Clav. Acid	
Tigecycline	
Trimethoprim/Sulfa	

PANEL FOR GNB	REF-413170
Product Description: AST N235	
Amikacin	
Amoxicillin/Clav.acid (CLSI)	
Ampicillin	
Cefalotin	
Cefixime	
Cefoxitin	
Ceftazidime	
Ceftriaxone	
Ciprofloxacin	
Ertapenem	
Fosfomycin	
Gentamicin	
Nalidixic Acid	
Nitrofurantoin	
Norfloxacin	
Ofloxacin	
Piperacillin/Tazobactam	
Ticarcillin	
Trimethoprim/Sulfa	

PANEL FOR GPC	REF-414534
Product Description: AST P628	
Benzylpenicillin	
Cefoxitin Screen	
Ciprofloxacin	
Clindamycin	
Daptomycin	
Erythromycin (for CLSI only)	
Gentamicin	
Gentamicin HL (CLSI)	
Inducible Clindamycin Resistance	
Levofloxacin	
Linezolid	
Nitrofurantoin	
Oxacillin	
Rifampicin	
Teicoplanin	
Tetracycline	
Tigeycline	
Trimethoprim/Sulfa	
Vancomycin	

PANEL FOR STREP	REF-421040
Product Description: AST ST03	
Ampicillin	
Benzylpenicillin	
Cefotaxime	
Ceftriaxone	
Chloramphenicol	
Clindamycin	
Erythromycin	
Gentamicin	
Inducible Clindamycin Resistance	
Levofloxacin	
Moxiflocacin	
Linezolid	
Tetracycline	
Tigecycline	
Trimethoprim/Sulfa	
Rifampicin	
Vancomycin	
Teicoplanin	

PANEL FOR GNB	REF-414531
Product Description: AST N280	
Amikacin	
Amoxicillin/Clav.acid (CLSI)	
Ampicillin	
Cefepime	
Cefoperazone/Sulbactam	
Ceftriaxone	
Cefuroxime	
Ciprofloxacin	
Colistin	
Ertapenem	
Gentamicin	
Imipenem	
Meropenem	
Nalidixic Acid	
Nitrofurantoin	
Piperacillin/Tazobactam	
Tigecycline	
Trimethoprim/Sulfa	

PANEL FOR YEAST	REF-420729
Product Description: AST YS08	
Amphotericin B	
Caspofungin	
Fluconazole	
Flucytosine	
Micafungin	
Voriconazole	

Flexibility to meet your workflow needs

VITEK® 2 COMPACT

CAPACITY OPTIONS	DIMENSIONS	ELECTRICAL REQUIREMENTS	ENVIRONMENTAL REQUIREMENTS
30, or 60 cards per instrument	72 x 68 x 60 cm	100/120 VAC (50-60 Hz) or 220/240 VAC (50-60 Hz)	Operating ambient temperature range of 15˚C to 30˚C Operating humidity range: 20% to 80% relative humidity, non-condensing
CONNECTIONS	**WEIGHT**	**HEAT DISSIPATED**	**ALTITUDE**
4 instruments can be connected to the same PC	75 kg	1025 BTU/Hr. (nominal)	up to 2,000 m

VITEK® 2

CAPACITY	DIMENSIONS	ELECTRICAL REQUIREMENTS	ENVIRONMENTAL REQUIREMENTS
60 cards per instrument	100 x 71 x 67 cm	100/120 VAC (50-60 Hz) or 220/240 VAC (50-60 Hz)	Operating ambient temperature range of 20˚C to 30˚C Operating humidity range: 20% to 80% relative humidity, non-condensing
CONNECTIONS	**WEIGHT**	**HEAT DISSIPATED**	**ALTITUDE**
4 instruments can be connected to the same PC	110 kg	512 BTU/Hr. (nominal)	up to 2,000 m

VITEK® 2 XL

CAPACITY	DIMENSIONS	ELECTRICAL REQUIREMENTS	ENVIRONMENTAL REQUIREMENTS
120 cards per instrument	140 x 71 x 67 cm	100/120 VAC (50-60 Hz) or 220/240 VAC (50-60 Hz)	Operating ambient temperature range of 20˚C to 30˚C Operating humidity range: 20% to 80% relative humidity, non-condensing
CONNECTIONS	**WEIGHT**	**HEAT DISSIPATED**	**ALTITUDE**
4 instruments can be connected to the same PC	145 kg	682 BTU/Hr. (nominal)	up to 2,000 m

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