

PROVEN MEDICAL VALUE IN THE FACE OF GROWING RESISTANCE

Making sure that the patient gets the right antimicrobial, at the right dose, at the right time is at the heart of antimicrobial stewardship.

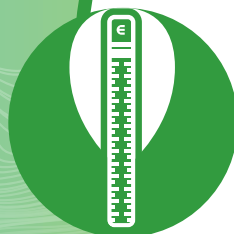
ETEST® delivers a precise Minimum Inhibitory Concentration (MIC) value, a key parameter for Therapeutic Drug Monitoring.

ETEST® provides a solution to test new drugs as soon as they are launched, thus enabling safe adoption of new treatment options.

A COMPLETE AST SOLUTION

ETEST® complements the VITEK® 2 system to provide clinicians with a complete & accurate AST profile

VITEK® 2



ETEST®

→ Primary testing

- New antimicrobials not yet implemented on VITEK® 2
- Drug/bug combinations not available on VITEK® 2 AST cards used in your lab

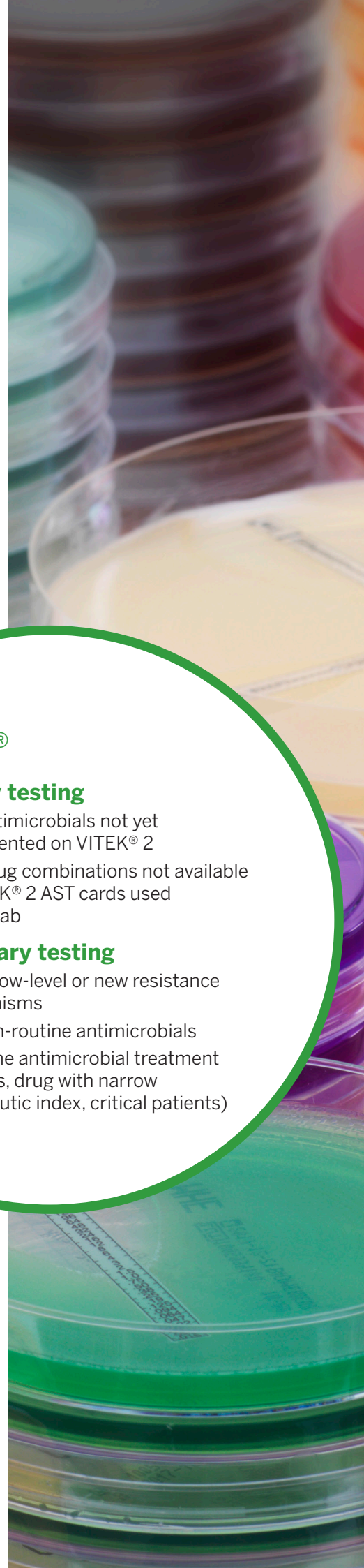
→ Secondary testing

- Detect low-level or new resistance mechanisms
- Test non-routine antimicrobials
- Fine-tune antimicrobial treatment (MDROs, drug with narrow therapeutic index, critical patients)

WORKFLOW EFFICIENCY

ETEST® is easy to implement and use:

- No software nor specific skills required
- Optional equipment available to standardize plate preparation and strip application
- Individual testing



ETEST®

RELIABLE ANSWERS FOR CHALLENGING SITUATIONS

ETEST® offers easy, flexible and accurate complementary AST testing to optimize patient therapy, improve patient outcomes and reduce the risk of development of drug-resistant bacteria.

THE TRUSTED ORIGINAL GRADIENT MIC STRIPS

A predefined, stable gradient of 15 antimicrobial concentrations on a single ready-to-use plastic strip

CONFIDENCE

Well-documented performance

RAPIDITY

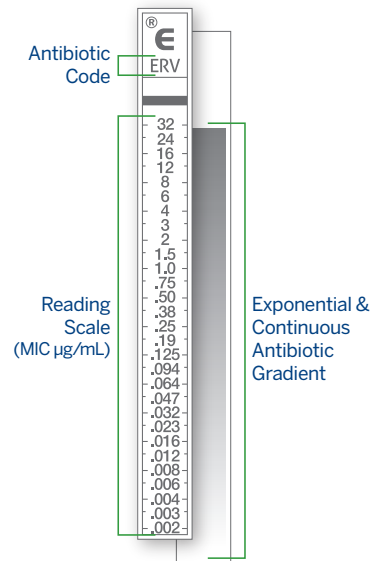
As little as 16 hours* to determine Antimicrobial Susceptibility

PRECISION

Accurate on-scale MIC value

EXTENSIVE RANGE

Broad MIC calling ranges



>4,000 scientific references from 50 countries



15 ETEST strips performed every minute

DIFFERENT PACK SIZES TO SUIT YOUR NEEDS



Single pack
30 strips



Multi pack
100 strips



OPTIONAL EQUIPMENT TO STANDARDIZE YOUR SET-UP & SAVE TIME



Retro C80™

Rota-plater to optimize plate inoculation



Nema C88™

Vacuum pen to aspirate ETEST® strip and position it on agar



Simplex C76™

Automated applicator to rapidly apply ETEST® strips to agar plates (90 mm or 150 mm) in optimal, predetermined patterns

Improve the quality of results by increasing reproducibility



VERIFICATION GUIDE TO SPEED UP ROUTINE START

Supports easy ETEST® adoption and compliance with regulatory guidelines.

AN EXTENSIVE RANGE WITH REGULAR ADDITIONS

72 Antibiotics

10 Antifungals

7 Antimicrobial Resistance
Detection references

EVOLVING RANGE WITH REGULAR NEW ADDITIONS

ANTIBIOTICS

| | | MIC RANGE | CE IVD* | FDA CLEARED | | | MIC RANGE | CE IVD* | FDA CLEARED |
|------------------------|-----|------------|---------|-------------|-----------------------------------|-----|------------|---------|-------------|
| AMIKACIN | AK | 0.016-256 | ✓ | ✓ | GENTAMICIN | GM | 0.016-256 | ✓ | ✓ |
| AMOXI/CLAV 2/1 (CLSI) | XL | 0.016-256 | ✓ | ✓ | IMIPENEM | IP | 0.002-32 | ✓ | ✓ |
| AMOXI/CLAV (EUCAST) | ACC | 0.016-256 | ✓ | ✓ | IMIPENEM/RELEBACTAM | IPR | 0.004-64 | ✓ | ✓ |
| AMOXICILLIN | AC | 0.016-256 | ✓ | ✓ | KANAMYCIN | KM | 0.016-256 | ✓ | ✓ |
| AMPICILLIN | AM | 0.016-256 | ✓ | ✓ | LEVOFLOXACIN | LE | 0.002-32 | ✓ | ✓ |
| AMPICILLIN/SULBACTAM | AB | 0.016-256 | ✓ | ✓ | LINEZOLID | LZ | 0.016-256 | ✓ | ✓ |
| AZITHROMYCIN | AZ | 0.016-256 | ✓ | ✓ | MECILLINAM | MM | 0.016-256 | ✓ | ✓ |
| AZTREONAM | AT | 0.016-256 | ✓ | ✓ | MEROPENEM | MP | 0.002-32 | ✓ | ✓ |
| AZTREONAM/AVIBACTAM | AZA | 0.016-256 | ✓ | ✓ | MEROPENEM/VABORBACTAM | MEV | 0.004-64 | ✓ | ✓ |
| BENZYLPENICIL | PG | 0.016-256 | ✓ | ✓ | METRONIDAZOLE | MZL | 0.016-256 | ✓ | ✓ |
| BENZYLPENICIL | PG | 0.002-32 | ✓ | ✓ | MINOCYCLINE | MC | 0.016-256 | ✓ | ✓ |
| CEFEPIME | PM | 0.016-256 | ✓ | ✓ | MOXIFLOXACIN | MX | 0.002-32 | ✓ | ✓ |
| CEFIXIME | IX | 0.016-256 | ✓ | ✓ | MUPIROCIN | MU | 0.064-1024 | ✓ | ✓ |
| CEFOTAXIME | CTL | 0.002-32 | ✓ | ✓ | NALIDIXIC-ACID | NA | 0.016-256 | ✓ | ✓ |
| CEFOXITIN | FX | 0.016-256 | ✓ | ✓ | NITROFURANTOIN | NI | 0.032-512 | ✓ | ✓ |
| CEFPODOXIME | PX | 0.016-256 | ✓ | ✓ | NORFLOXACIN | NX | 0.016-256 | ✓ | ✓ |
| CEFTAROLINE | CPT | 0.002-32 | ✓ | ✓ | OFLOXACIN | OF | 0.002-32 | ✓ | ✓ |
| CEFTAZIDIME | TZ | 0.016-256 | ✓ | ✓ | OXACILLIN | OX | 0.016-256 | ✓ | ✓ |
| CEFTAZIDIME/AVIBACTAM | CZA | 0.016-256 | ✓ | ✓ | PIPERACILLIN/TAZOBACTAM | P/T | 0.016-256 | ✓ | ✓ |
| CEFTOLOZANE/TAZOBACTAM | C/T | 0.016-256 | ✓ | ✓ | PLAZOMICIN ¹ | PLZ | 0.016-256 | ✓ | ✓ |
| CEFTRIAXONE | TX | 0.016-256 | ✓ | ✓ | PIPERACILLIN | PP | 0.016-256 | ✓ | ✓ |
| CEFTRIAXONE | TXL | 0.002-32 | ✓ | ✓ | QUINUPRISTINE/DALFOPRISTINE | QDA | 0.002-32 | ✓ | ✓ |
| CEFUROXIME | XM | 0.016-256 | ✓ | ✓ | RIFAMPICIN | RI | 0.002-32 | ✓ | ✓ |
| CHLORAMPHENICOL | CL | 0.016-256 | ✓ | ✓ | SPECTINOMYCIN | SC | 0.064-1024 | ✓ | ✓ |
| CIPROFLOXACIN | CI | 0.002-32 | ✓ | ✓ | STREPTOMYCIN | SM | 0.064-1024 | ✓ | ✓ |
| CLARITHROMYCIN | CH | 0.016-256 | ✓ | ✓ | SULBACTAM/DURLOBACTAM | SUD | 0.004-64 | ✓ | ✓ |
| CLINDAMYCIN | CM | 0.016-256 | ✓ | ✓ | TEICOPLANIN | TP | 0.016-256 | ✓ | ✓ |
| DAPTOMYCIN | DPC | 0.016-256 | ✓ | ✓ | TEMOCILLIN** | TMO | 0.064-1024 | ✓ | ✓ |
| DELAFLOXACIN | DFX | 0.002-32 | ✓ | ✓ | TETRACYCLINE | TC | 0.016-256 | ✓ | ✓ |
| DORIPENEM | DOR | 0.002-32 | ✓ | ✓ | TICARCILLIN/CLAV ACID | TLC | 0.016-256 | ✓ | ✓ |
| DOXYCYCLINE | DC | 0.016-256 | ✓ | ✓ | TIGECYCLINE | TGC | 0.016-256 | ✓ | ✓ |
| ERAVACYCLINE | ERV | 0.002-32 | ✓ | ✓ | TOBRAMYCIN | TM | 0.064-1024 | ✓ | ✓ |
| ERTAPENEM | ETP | 0.002-32 | ✓ | ✓ | TOBRAMYCIN | TM | 0.016-256 | ✓ | ✓ |
| ERYTHROMYCIN | EM | 0.016-256 | ✓ | ✓ | TRIMETHOPRIM/ SULFAMETHOXAZOLE | TS | 0.002-32 | ✓ | ✓ |
| FOSFOMYCIN | FO | 0.032-512 | ✓ | ✓ | TRIMETHOPRIM | TR | 0.002-32 | ✓ | ✓ |
| GENTAMICIN | GM | 0.064-1024 | ✓ | ✓ | VANCOMYCIN | VA | 0.016-256 | ✓ | ✓ |

ANTIFUNGALS

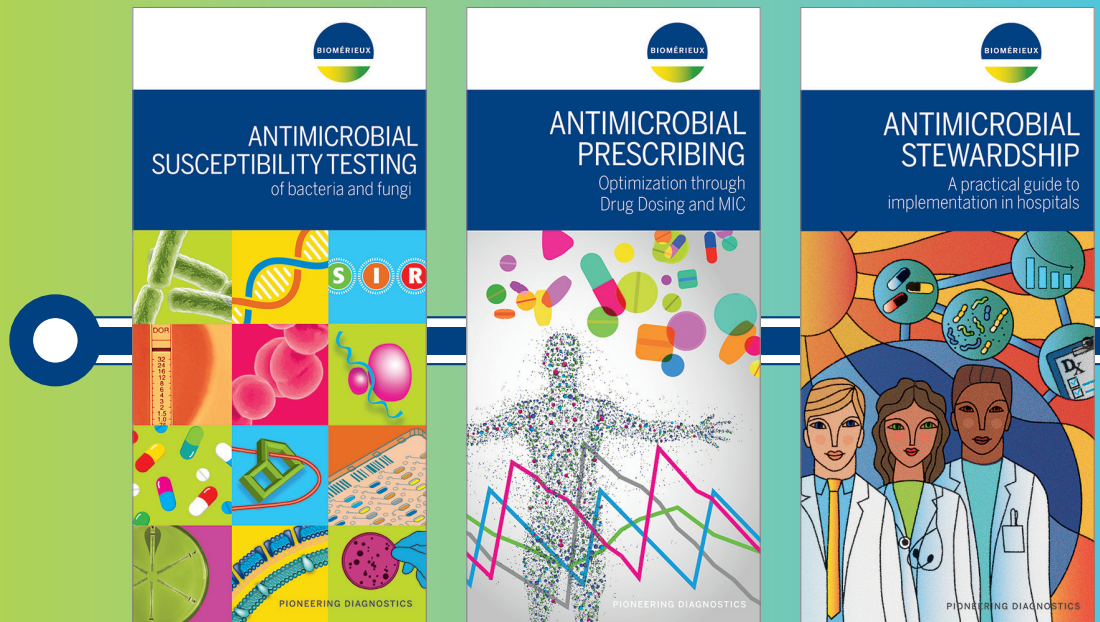
| | | MIC RANGE | CE IVD* | FDA CLEARED |
|----------------|-----|-----------|---------|-------------|
| AMPHOTERICIN-B | AP | 0.002-32 | ✓ | ✓ |
| ANIDULAFUNGIN | AND | 0.002-32 | ✓ | ✓ |
| VORICONAZOLE | VO | 0.002-32 | ✓ | ✓ |
| POSACONAZOLE | POS | 0.002-32 | ✓ | ✓ |
| MICAFUNGIN | MYC | 0.002-32 | ✓ | ✓ |
| ITRACONAZOLE | IT | 0.002-32 | ✓ | ✓ |
| FLUCONAZOLE | FL | 0.016-256 | ✓ | ✓ |
| CASPOFUNGIN | CS | 0.002-32 | ✓ | ✓ |
| KETOCONAZOLE | KE | 0.002-32 | ✓ | ✓ |
| FLUCYTOSINE | FC | 0.002-32 | ✓ | ✓ |

DETECTION OF RESISTANCE MECHANISMS

| | | MIC RANGE | CE IVD* | FDA CLEARED |
|----------------------------------|--------|--------------|---------|-------------|
| MBL MEROPENEM/ MEROPENEM+EDTA | MP/MPI | 8/2 | ✓ | ✓ |
| MBL IMIPENEM/ IMIPENEM+EDTA | IP/IPI | 0.016-256/64 | ✓ | ✓ |
| ESBL | TZ/TZL | 0.002-32/4 | ✓ | ✓ |
| ESBL | CT/CTL | 16/1 | ✓ | ✓ |
| ESBL | PM/PML | 16/4 32/32 | ✓ | ✓ |
| AmpC** | CN/CNI | 32/32 | ✓ | ✓ |
| GRD** | VA/TP | 32/32 | ✓ | ✓ |

*CE/IVD : In Vitro Diagnostic medical devices. Please contact your local bioMérieux representative for availability in your country. ** For Research Use Only

¹ Only available in the US.



TESTIMONIALS



“E-TEST® makes possible a standard method for testing a myriad of different types of organisms, almost one-stop shopping. This has allowed laboratories with varying levels of expertise to perform antimicrobial susceptibility testing with enormous positive impact on patient care. Having this technology available even in resource-poor areas of the world has contributed to the detection of resistances where such knowledge was previously unattainable.”

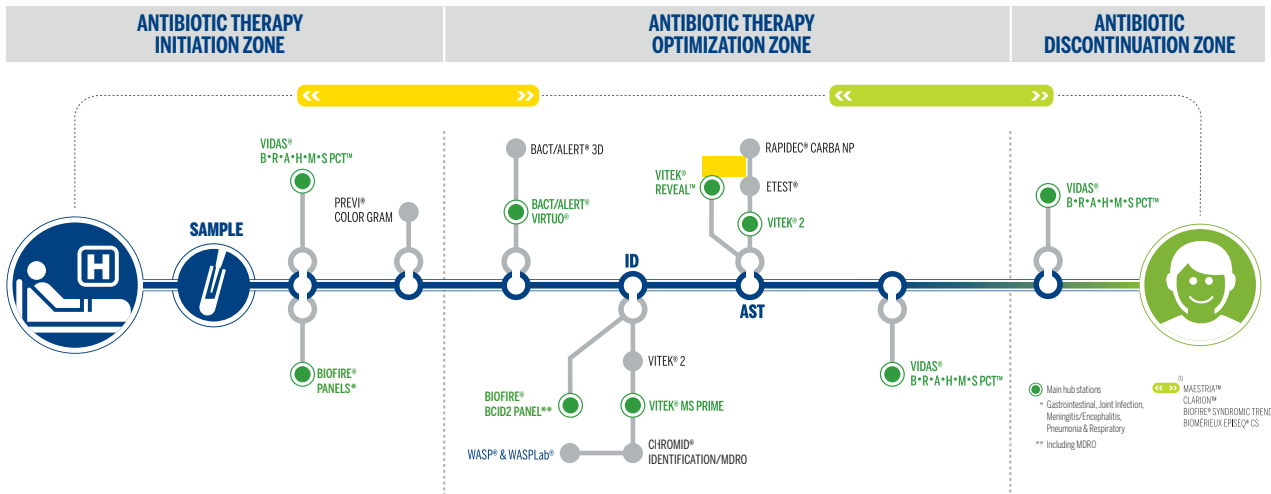
**Dr. Ellen Jo Baron,
Director,
Stanford Clinical Microbiology/Virology Laboratory, USA**

“On behalf of all my patients, who have benefited from E-TEST® MIC testing, thank you! You’ve helped save the lives of patients with serious bacterial infections all over the world.”

**Dr Marc Romney,
Medical Microbiologist,
St. Paul’s Hospital/Providence Health Care, Canada**

ETEST®

Reliable answers for challenging situations



**OPTIMIZE DIAGNOSTICS.
OPTIMIZE THERAPY.**
With our **complete solution**
for **antimicrobial stewardship.**

INNOVATING MICROBIOLOGY IS AT THE HEART OF VITEK® SOLUTIONS.

With our constant advances in workflow efficiency and integration, we provide you with a fast ID & AST* solution. Designed by microbiologists for microbiologists, count on VITEK® SOLUTIONS to accompany all your ID & AST needs from routine to critical patient challenges.

Drive your AMS programs with diagnostics. Take more informed therapy decisions sooner.**

*Identification & Antimicrobial Susceptibility Testing **Antimicrobial Stewardship



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