

# MIC Test Strip

for antimicrobial susceptibility testing

## Quantitative assay for determining the Minimum Inhibitory Concentration (M.I.C.)

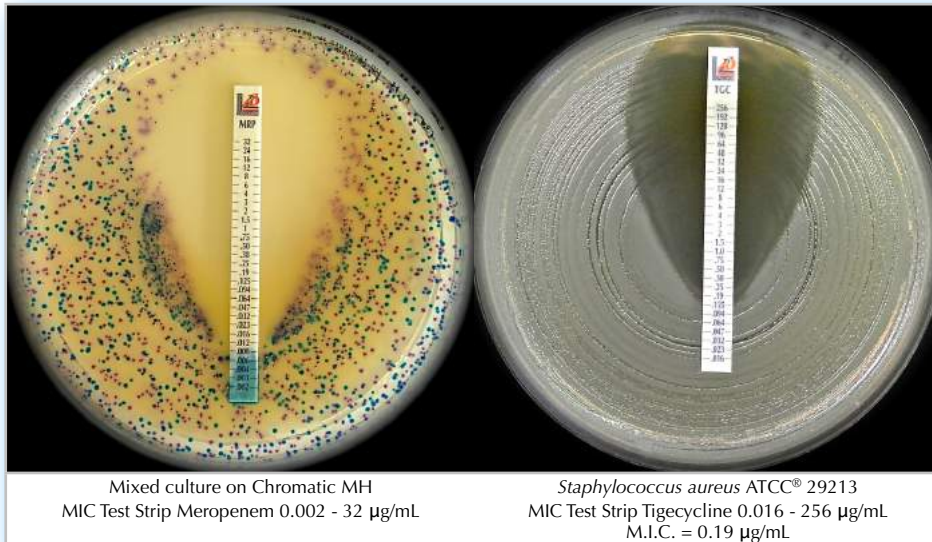
**MIC Test Strip** is a quantitative assay for determining the Minimum Inhibitory Concentration (M.I.C.) of antimicrobial agents against microorganisms and for detecting the resistance mechanisms.

**MIC Test Strip** are porous strips with special features (**International Patent**) that are impregnated with a predefined concentration gradient of antibiotic, across 15 two-fold dilutions of a conventional M.I.C. method.

On one side of the strip is indicated a M.I.C. scale in  $\mu\text{g/mL}$  and a code that identify the antimicrobial agent.

For ESBL, MBL, GRD, AmpC and KPC detection, the double-sided gradient carries the appropriate diagnostic reagents.

**MIC Test Strip** are available in a large variety of configurations. Each configuration is available in packages of 10, 30 and 100 tests.



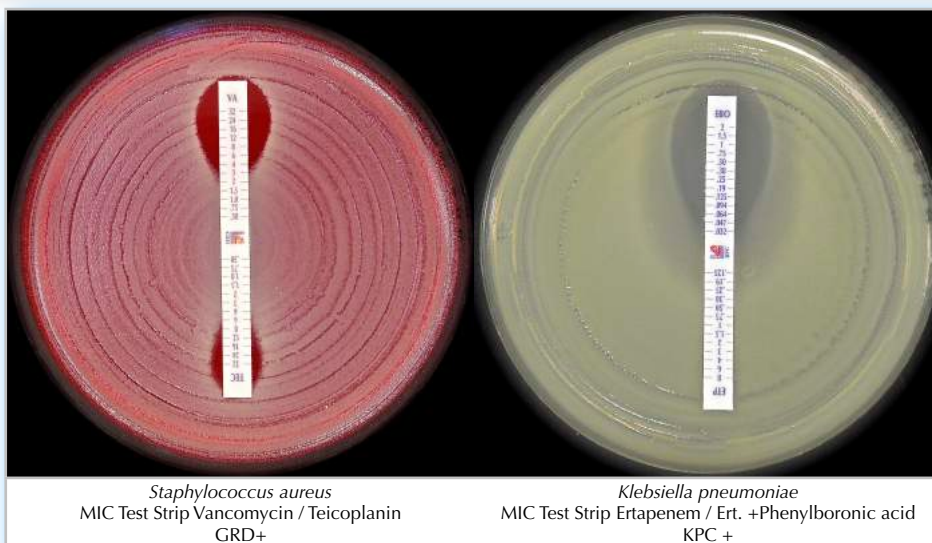
Mixed culture on Chromatic MH  
MIC Test Strip Meropenem 0.002 - 32  $\mu\text{g/mL}$

*Staphylococcus aureus* ATCC® 29213  
MIC Test Strip Tigecycline 0.016 - 256  $\mu\text{g/mL}$   
M.I.C. = 0.19  $\mu\text{g/mL}$

### method principle

When the **MIC Test Strip** is applied onto an inoculated agar surface, the preformed exponential gradient of antimicrobial agent is immediately transferred to the agar matrix. After 18 hours incubation or longer, a symmetrical inhibition ellipse centered along the strip is formed. The MIC is read directly from the scale in terms of  $\mu\text{g/mL}$  at the point where the edge of the inhibition ellipse intersects the strip **MIC Test Strip**.

Other growth/inhibition patterns may also be seen for resistance detection methods.



*Staphylococcus aureus*  
MIC Test Strip Vancomycin / Teicoplanin  
GRD+

*Klebsiella pneumoniae*  
MIC Test Strip Ertapenem / Ert. +Phenylboronic acid  
KPC+

### BIBLIOGRAPHY

- CLSI M100-S26 , 2016. Performance Standards for Antimicrobial Susceptibility Testing.
- CLSI M7-A10, 2015. Methods for Dilution Antimicrobial Susceptibility Tests for Bacteria that Grow Aerobically.
- CLSI M11-A8 Methods for Antimicrobial Susceptibility Testing of Anaerobic Bacteria.
- CLSI M11-S1 Performance Standards for Antimicrobial Susceptibility Testing of Anaerobic Bacteria.
- CLSI M27-A3. Reference Method for Broth Dilution Antifungal Susceptibility Testing of Yeasts; Approved Standard - Third Edition.
- CLSI M27-S4. Reference Method for Broth Dilution Antifungal Susceptibility Testing of Yeasts; Fourth Informational supplement.
- EUCAST. Breakpoint tables for interpretation of MICs and zone diameters Version 6.0 , January 2016.

## MIC Test Strip for **ANTIMICROBIAL** susceptibility testing

| Description    |   | µg/mL        | Code | Packaging                            | Ref.                      |
|----------------|---|--------------|------|--------------------------------------|---------------------------|
| MIC Test Strip | AMIKACIN  | 0.016 - 256  | AK   | 10 strips<br>30 strips<br>100 strips | 920181<br>92018<br>920180 |
| MIC Test Strip | AMOXICILLIN   | 0.016 - 256  | AML  | 10 strips<br>30 strips<br>100 strips | 920211<br>92021<br>920210 |
| MIC Test Strip | AMOXICILLIN*-CLAVULANIC ACID (2/1)<br><i>CLSI recommended</i>       | 0.016 - 256* | AUG  | 10 strips<br>30 strips<br>100 strips | 920241<br>92024<br>920240 |
| MIC Test Strip | AMOXICILLIN*-CLAVULANIC ACID (2 µg/mL)<br><i>EUCAST recommended</i> | 0.016 - 256* | AMC  | 10 strips<br>30 strips<br>100 strips | 921801<br>92180<br>921800 |
| MIC Test Strip | AMPICILLIN  | 0.016 - 256  | AMP  | 10 strips<br>30 strips<br>100 strips | 920031<br>92003<br>920030 |
| MIC Test Strip | AMPICILLIN*-SULBACTAM (2/1)<br><i>CLSI recommended</i>              | 0.016 - 256* | AMS  | 10 strips<br>30 strips<br>100 strips | 920271<br>92027<br>920270 |
| MIC Test Strip | AMPICILLIN*-SULBACTAM (4 µg/mL)<br><i>EUCAST recommended</i>        | 0.016 - 256* | SAM  | 10 strips<br>30 strips<br>100 strips | 921811<br>92181<br>921810 |
| MIC Test Strip | AZITHROMYCIN  | 0.016 - 256  | AZM  | 10 strips<br>30 strips<br>100 strips | 920301<br>92030<br>920300 |
| MIC Test Strip | AZTREONAM   | 0.016 - 256  | ATM  | 10 strips<br>30 strips<br>100 strips | 920331<br>92033<br>920330 |
| MIC Test Strip | AZTREONAM   | 0.064 - 1024 | ATM  | 10 strips<br>30 strips<br>100 strips | 921731<br>92173<br>921730 |
| MIC Test Strip | BACITRACIN  | 0.016 - 256  | BA   | 10 strips<br>30 strips<br>100 strips | 920191<br>92019<br>920190 |
| MIC Test Strip | CEFACLOR  | 0.016 - 256  | CEC  | 10 strips<br>30 strips<br>100 strips | 920361<br>92036<br>920360 |
| MIC Test Strip | CEFAZOLIN   | 0.016 - 256  | KZ   | 10 strips<br>30 strips<br>100 strips | 921741<br>92174<br>921740 |
| MIC Test Strip | CEFEPIME  | 0.016 - 256  | FEP  | 10 strips<br>30 strips<br>100 strips | 921261<br>92126<br>921260 |
| MIC Test Strip | CEFIXIME  | 0.016 - 256  | CFM  | 10 strips<br>30 strips<br>100 strips | 920601<br>92060<br>920600 |
| MIC Test Strip | CEFOPERAZONE*-SULBACTAM (2/1)                                       | 0.016 - 256* | CPS  | 10 strips<br>30 strips<br>100 strips | 920231<br>92023<br>920230 |
| MIC Test Strip | CEFOTAXIME  | 0.002 - 32   | CTX  | 10 strips<br>30 strips<br>100 strips | 920071<br>92007<br>920070 |
| MIC Test Strip | CEFOTAXIME  | 0.016 - 256  | CTX  | 10 strips<br>30 strips<br>100 strips | 920061<br>92006<br>920060 |
| MIC Test Strip | CEFOTETAN   | 0.016 - 256  | CTT  | 10 strips<br>30 strips<br>100 strips | 920201<br>92020<br>920200 |
| MIC Test Strip | CEFOXITIN   | 0.016 - 256  | FOX  | 10 strips<br>30 strips<br>100 strips | 920661<br>92066<br>920660 |
| MIC Test Strip | CEFPIROME   | 0.016 - 256  | CR   | 10 strips<br>30 strips<br>100 strips | 920081<br>92008<br>920080 |
| MIC Test Strip | CEFPODOXIME   | 0.016 - 256  | PX   | 10 strips<br>30 strips<br>100 strips | 920051<br>92005<br>920050 |
| MIC Test Strip | CEFTAROLINE   | 0.002 - 32   | CPT  | 10 strips<br>30 strips<br>100 strips | 920561<br>92056<br>920560 |
| MIC Test Strip | CEFTAROLINE   | 0.016 - 256  | CPT  | 10 strips<br>30 strips<br>100 strips | 920491<br>92049<br>920490 |
| MIC Test Strip | CEFTAZIDIME ( <b>FDA cleared</b> )                                  | 0.016 - 256  | CAZ  | 10 strips<br>30 strips<br>100 strips | 921381<br>92138<br>921380 |
| MIC Test Strip | CEFTAZIDIME*-AVIBACTAM  | 0.016 - 256* | CZA  | 10 strips<br>30 strips<br>100 strips | 921391<br>92139<br>921390 |
| MIC Test Strip | CEFTIBUTEN  | 0.002 - 32   | CTB  | 10 strips<br>30 strips<br>100 strips | 920581<br>92058<br>920580 |
| MIC Test Strip | CEFTIZOXIME   | 0.016 - 256  | CZX  | 10 strips<br>30 strips<br>100 strips | 920161<br>92016<br>920160 |
| MIC Test Strip | CEFTOBIPROLE  | 0.002 - 32   | BPR  | 10 strips<br>30 strips<br>100 strips | 921401<br>92140<br>921400 |
| MIC Test Strip | CEFTOLOZANE*-TAZOACTAM ( <b>FDA cleared</b> )                       | 0.016 - 256* | C/T  | 10 strips<br>30 strips<br>100 strips | 921461<br>92146<br>921460 |



## MIC Test Strip for **ANTIMICROBIAL** susceptibility testing

| Description  | µg/mL        | Code | Packaging                            | Ref.                      |
|--|--------------|------|--------------------------------------|---------------------------|
| MIC Test Strip CEFTRIAXONE                               | 0.016 - 256  | CRO  | 10 strips<br>30 strips<br>100 strips | 920421<br>92042<br>920420 |
| MIC Test Strip CEFTRIAXONE                               | 0.002 - 32   | CRO  | 10 strips<br>30 strips<br>100 strips | 920431<br>92043<br>920430 |
| MIC Test Strip CEFUROXIME                                | 0.016 - 256  | CXM  | 10 strips<br>30 strips<br>100 strips | 921291<br>92129<br>921290 |
| MIC Test Strip CEPHALOTHIN                               | 0.016 - 256  | KF   | 10 strips<br>30 strips<br>100 strips | 920391<br>92039<br>920390 |
| MIC Test Strip CHLORAMPHENICOL                           | 0.016 - 256  | C    | 10 strips<br>30 strips<br>100 strips | 920751<br>92075<br>920750 |
| MIC Test Strip CIPROFLOXACIN                             | 0.002 - 32   | CIP  | 10 strips<br>30 strips<br>100 strips | 920451<br>92045<br>920450 |
| MIC Test Strip CLARITHROMYCIN                            | 0.016 - 256  | CLR  | 10 strips<br>30 strips<br>100 strips | 920481<br>92048<br>920480 |
| MIC Test Strip CLINDAMYCIN                               | 0.016 - 256  | CD   | 10 strips<br>30 strips<br>100 strips | 920721<br>92072<br>920720 |
| MIC Test Strip CLOXACILLIN                               | 0.016 - 256  | CX   | 10 strips<br>30 strips<br>100 strips | 920441<br>92044<br>920440 |
| MIC Test Strip COLISTIN                                  | 0.016 - 256  | CS   | 10 strips<br>30 strips<br>100 strips | 921411<br>92141<br>921410 |
| MIC Test Strip COLISTIN                                  | 0.064 - 1024 | CS   | 10 strips<br>30 strips<br>100 strips | 921421<br>92142<br>921420 |
| MIC Test Strip DALBAVANCIN (FDA cleared)                 | 0.002 - 32   | DAL  | 10 strips<br>30 strips<br>100 strips | 921371<br>92137<br>921370 |
| MIC Test Strip DAPTOMYCIN (Includes Ca <sup>2+</sup> )   | 0.016 - 256  | DAP  | 10 strips<br>30 strips<br>100 strips | 921451<br>92145<br>921450 |
| MIC Test Strip DELAFLOXACIN                              | 0.002 - 32   | DLX  | 10 strips<br>30 strips<br>100 strips | 920801<br>92080<br>920800 |
| MIC Test Strip DORIPENEM                                 | 0.002 - 32   | DOR  | 10 strips<br>30 strips<br>100 strips | 920401<br>92040<br>920400 |
| MIC Test Strip DOXYCYCLINE                               | 0.016 - 256  | DXT  | 10 strips<br>30 strips<br>100 strips | 921561<br>92156<br>921560 |
| MIC Test Strip ENROFLOXACIN                              | 0.002 - 32   | ENR  | 10 strips<br>30 strips<br>100 strips | 920131<br>92013<br>920130 |
| MIC Test Strip ERTAPENEM                                 | 0.002 - 32   | ETP  | 10 strips<br>30 strips<br>100 strips | 921571<br>92157<br>921570 |
| MIC Test Strip ERYTHROMYCIN                              | 0.016 - 256  | E    | 10 strips<br>30 strips<br>100 strips | 920511<br>92051<br>920510 |
| MIC Test Strip FLORFENICOL                               | 0.016 - 256  | FFC  | 10 strips<br>30 strips<br>100 strips | 920611<br>92061<br>920610 |
| MIC Test Strip FOSFOMYCIN (Includes Glucose-6-Phosphate) | 0.016 - 256  | FOS  | 10 strips<br>30 strips<br>100 strips | 920781<br>92078<br>920780 |
| MIC Test Strip FOSFOMYCIN (Includes Glucose-6-Phosphate) | 0.064 - 1024 | FOS  | 10 strips<br>30 strips<br>100 strips | 920791<br>92079<br>920790 |
| MIC Test Strip FUSIDIC ACID                              | 0.016 - 256  | FU   | 10 strips<br>30 strips<br>100 strips | 920021<br>92002<br>920020 |
| MIC Test Strip GATIFLOXACIN                              | 0.002 - 32   | GAT  | 10 strips<br>30 strips<br>100 strips | 920111<br>92011<br>920110 |
| MIC Test Strip GEMIFLOXACIN                              | 0.002 - 32   | GEM  | 10 strips<br>30 strips<br>100 strips | 920351<br>92035<br>920350 |
| MIC Test Strip GENTAMICIN                                | 0.016 - 256  | CN   | 10 strips<br>30 strips<br>100 strips | 920091<br>92009<br>920090 |
| MIC Test Strip GENTAMICIN                                | 0.064 - 1024 | CN   | 10 strips<br>30 strips<br>100 strips | 920101<br>92010<br>920100 |
| MIC Test Strip IMIPENEM                                  | 0.002 - 32   | IMI  | 10 strips<br>30 strips<br>100 strips | 920541<br>92054<br>920540 |
| MIC Test Strip KANAMYCIN                                 | 0.016 - 256  | K    | 10 strips<br>30 strips<br>100 strips | 920341<br>92034<br>920340 |
| MIC Test Strip LEVOFLOXACIN                              | 0.002 - 32   | LEV  | 10 strips<br>30 strips<br>100 strips | 920811<br>92081<br>920810 |

## MIC Test Strip for **ANTIMICROBIAL** susceptibility testing

| Description    |                                    | µg/mL        | Code | Packaging                            | Ref.                      |
|----------------|------------------------------------|--------------|------|--------------------------------------|---------------------------|
| MIC Test Strip | LINEZOLID                          | 0.016 - 256  | LNZ  | 10 strips<br>30 strips<br>100 strips | 921351<br>92135<br>921350 |
| MIC Test Strip | MARBOFLOXACIN                      | 0.002 - 32   | MAR  | 10 strips<br>30 strips<br>100 strips | 920621<br>92062<br>920620 |
| MIC Test Strip | MECILLINAM                         | 0.016 - 256  | MEC  | 10 strips<br>30 strips<br>100 strips | 920171<br>92017<br>920170 |
| MIC Test Strip | MEROPENEM (FDA cleared)            | 0.002 - 32   | MRP  | 10 strips<br>30 strips<br>100 strips | 920841<br>92084<br>920840 |
| MIC Test Strip | MEROPENEM                          | 0.016 - 256  | MRP  | 10 strips<br>30 strips<br>100 strips | 920851<br>92085<br>920850 |
| MIC Test Strip | METRONIDAZOLE                      | 0.016 - 256  | MTZ  | 10 strips<br>30 strips<br>100 strips | 920871<br>92087<br>920870 |
| MIC Test Strip | MOXIFLOXACIN                       | 0.002 - 32   | MXF  | 10 strips<br>30 strips<br>100 strips | 920901<br>92090<br>920900 |
| MIC Test Strip | MUPIROCIN                          | 0.064 - 1024 | MUP  | 10 strips<br>30 strips<br>100 strips | 920381<br>92038<br>920380 |
| MIC Test Strip | MINOCYCLINE                        | 0.016 - 256  | MN   | 10 strips<br>30 strips<br>100 strips | 920321<br>92032<br>920320 |
| MIC Test Strip | NALIDIXIC ACID                     | 0.016 - 256  | NA   | 10 strips<br>30 strips<br>100 strips | 921321<br>92132<br>921320 |
| MIC Test Strip | NETILMICIN                         | 0.016 - 256  | NET  | 10 strips<br>30 strips<br>100 strips | 920931<br>92093<br>920930 |
| MIC Test Strip | NORFLOXACIN                        | 0.016 - 256  | NOR  | 10 strips<br>30 strips<br>100 strips | 920961<br>92096<br>920960 |
| MIC Test Strip | NITROFURANTOIN                     | 0.032 - 512  | F    | 10 strips<br>30 strips<br>100 strips | 920221<br>92022<br>920220 |
| MIC Test Strip | OFLOXACIN                          | 0.002 - 32   | OFX  | 10 strips<br>30 strips<br>100 strips | 920991<br>92099<br>920990 |
| MIC Test Strip | OXACILLIN                          | 0.016 - 256  | OX   | 10 strips<br>30 strips<br>100 strips | 920151<br>92015<br>920150 |
| MIC Test Strip | PENICILLIN G                       | 0.002 - 32   | P    | 10 strips<br>30 strips<br>100 strips | 921031<br>92103<br>921030 |
| MIC Test Strip | PENICILLIN G                       | 0.016 - 256  | P    | 10 strips<br>30 strips<br>100 strips | 921021<br>92102<br>921020 |
| MIC Test Strip | PIPERACILLIN                       | 0.016 - 256  | PIP  | 10 strips<br>30 strips<br>100 strips | 921051<br>92105<br>921050 |
| MIC Test Strip | PIPERACILLIN*-TAZOBACTAM (4 µg/mL) | 0.016 - 256* | TZP  | 10 strips<br>30 strips<br>100 strips | 921081<br>92108<br>921080 |
| MIC Test Strip | POLYMYXIN B                        | 0.064 - 1024 | PB   | 10 strips<br>30 strips<br>100 strips | 920041<br>92004<br>920040 |
| MIC Test Strip | QUINUPRISTIN-DALFOPRISTIN          | 0.002 - 32   | QDA  | 10 strips<br>30 strips<br>100 strips | 920261<br>92026<br>920260 |
| MIC Test Strip | RIFAMPICIN                         | 0.002 - 32   | RD   | 10 strips<br>30 strips<br>100 strips | 920011<br>92001<br>920010 |
| MIC Test Strip | RIFAMPICIN                         | 0.016 - 256  | RD   | 10 strips<br>30 strips<br>100 strips | 920251<br>92025<br>920250 |
| MIC Test Strip | SPECTINOMYCIN                      | 0.064 - 1024 | SPC  | 10 strips<br>30 strips<br>100 strips | 920141<br>92014<br>920140 |
| MIC Test Strip | SPIRAMYCIN                         | 0.002 - 32   | SP   | 10 strips<br>30 strips<br>100 strips | 920461<br>92046<br>920460 |
| MIC Test Strip | STREPTOMYCIN                       | 0.064 - 1024 | S    | 10 strips<br>30 strips<br>100 strips | 921111<br>92111<br>921110 |
| MIC Test Strip | SULBACTAM                          | 0.016 - 256  | SUL  | 10 strips<br>30 strips<br>100 strips | 920281<br>92028<br>920280 |
| MIC Test Strip | SULFAMETHOXAZOLE                   | 0.064 - 1024 | SMX  | 10 strips<br>30 strips<br>100 strips | 920311<br>92031<br>920310 |
| MIC Test Strip | TEDIZOLID                          | 0.002 - 32   | TZD  | 10 strips<br>30 strips<br>100 strips | 921361<br>92136<br>921360 |
| MIC Test Strip | TEICOPLANIN                        | 0.016 - 256  | TEC  | 10 strips<br>30 strips<br>100 strips | 920121<br>92012<br>920120 |



## MIC Test Strip for **ANTIMICROBIAL** susceptibility testing

| Description   | µg/mL        | Code | Packaging                            | Ref.                      |
|---|--------------|------|--------------------------------------|---------------------------|
| MIC Test Strip TELAVANCIN                             | 0.002 - 32   | TLV  | 10 strips<br>30 strips<br>100 strips | 920521<br>92052<br>920520 |
| MIC Test Strip TELAVANCIN                             | 0.016 - 256  | TLV  | 10 strips<br>30 strips<br>100 strips | 920531<br>92053<br>920530 |
| MIC Test Strip TEMOCILLIN                             | 0.064 - 1024 | TMO  | 10 strips<br>30 strips<br>100 strips | 920291<br>92029<br>920290 |
| MIC Test Strip TETRACYCLINE                           | 0.016 - 256  | TE   | 10 strips<br>30 strips<br>100 strips | 921141<br>92114<br>921140 |
| MIC Test Strip TIAMULIN                               | 0.002 - 32   | TIA  | 10 strips<br>30 strips<br>100 strips | 922001<br>92200<br>922000 |
| MIC Test Strip TICARCILLIN*-CLAVULANIC ACID (2 µg/mL) | 0.016 - 256* | TTC  | 10 strips<br>30 strips<br>100 strips | 921171<br>92117<br>921170 |
| MIC Test Strip TIGECYCLINE                            | 0.016 - 256  | TGC  | 10 strips<br>30 strips<br>100 strips | 921441<br>92144<br>921440 |
| MIC Test Strip TILMICOSIN                             | 0.002 - 32   | TIL  | 10 strips<br>30 strips<br>100 strips | 922011<br>92201<br>922010 |
| MIC Test Strip TOBRAMYCIN                             | 0.016 - 256  | TOB  | 10 strips<br>30 strips<br>100 strips | 921211<br>92121<br>921210 |
| MIC Test Strip TOBRAMYCIN                             | 0.064 - 1024 | TOB  | 10 strips<br>30 strips<br>100 strips | 921201<br>92120<br>921200 |
| MIC Test Strip TRIMETHOPRIM                           | 0.002 - 32   | TM   | 10 strips<br>30 strips<br>100 strips | 920371<br>92037<br>920370 |
| MIC Test Strip TRIMETHOPRIM*-SULFAMETHOXAZOLE (1/19)  | 0.002 - 32*  | SXT  | 10 strips<br>30 strips<br>100 strips | 921231<br>92123<br>921230 |
| MIC Test Strip VANCOMYCIN (FDA cleared)               | 0.016 - 256  | VA   | 10 strips<br>30 strips<br>100 strips | 920571<br>92057<br>920570 |

## MIC Test Strip for **ANTIFUNGAL** susceptibility testing

| Description                   | µg/mL       | Code | Packaging                            | Ref.                      |
|-------------------------------|-------------|------|--------------------------------------|---------------------------|
| MIC Test Strip AMPHOTERICIN B | 0.002 - 32  | AMB  | 10 strips<br>30 strips<br>100 strips | 921531<br>92153<br>921530 |
| MIC Test Strip ANIDULAFUNGIN  | 0.002 - 32  | AND  | 10 strips<br>30 strips<br>100 strips | 921551<br>92155<br>921550 |
| MIC Test Strip CASPOFUNGIN    | 0.002 - 32  | CAS  | 10 strips<br>30 strips<br>100 strips | 921541<br>92154<br>921540 |
| MIC Test Strip FLUCONAZOLE    | 0.016 - 256 | FLU  | 10 strips<br>30 strips<br>100 strips | 921471<br>92147<br>921470 |
| MIC Test Strip FLUCYTOSINE    | 0.002 - 32  | FC   | 10 strips<br>30 strips<br>100 strips | 921491<br>92149<br>921490 |
| MIC Test Strip ISAVUCONAZOLE  | 0.002 - 32  | IVU  | 10 strips<br>30 strips<br>100 strips | 921841<br>92184<br>921840 |
| MIC Test Strip ITRACONAZOLE   | 0.002 - 32  | ITC  | 10 strips<br>30 strips<br>100 strips | 921481<br>92148<br>921480 |
| MIC Test Strip KETOCONAZOLE   | 0.002 - 32  | KE   | 10 strips<br>30 strips<br>100 strips | 921511<br>92151<br>921510 |
| MIC Test Strip MICA FUNGIN    | 0.002 - 32  | MYC  | 10 strips<br>30 strips<br>100 strips | 921821<br>92182<br>921820 |
| MIC Test Strip POSACONAZOLE   | 0.002 - 32  | POS  | 10 strips<br>30 strips<br>100 strips | 921521<br>92152<br>921520 |
| MIC Test Strip VORICONAZOLE   | 0.002 - 32  | VO   | 10 strips<br>30 strips<br>100 strips | 921501<br>92150<br>921500 |

## MIC Test Strip for **ANTIMYCOBACTERIAL** susceptibility testing

| Description                | µg/mL       | Code | Packaging                            | Ref.                      |
|----------------------------|-------------|------|--------------------------------------|---------------------------|
| MIC Test Strip ETHAMBUTOL  | 0.016 - 256 | EB   | 10 strips<br>30 strips<br>100 strips | 921701<br>92170<br>921700 |
| MIC Test Strip ETHIONAMIDE | 0.016 - 256 | ET   | 10 strips<br>30 strips<br>100 strips | 921721<br>92172<br>921720 |
| MIC Test Strip ISONIAZIDE  | 0.016 - 256 | IZ   | 10 strips<br>30 strips<br>100 strips | 921711<br>92171<br>921710 |

## MIC Test Strip **ESBL** for confirmation of Extended Spectrum Beta-Lactamase

| Description    |   | µg/mL             | Code    | Packaging  | Ref.   |
|----------------|---|-------------------|---------|------------|--------|
| MIC Test Strip | CEFEPIME/CEFEPIME+CLAVULANIC ACID (4 µg/mL)       | 0.25-16 / 0.064-4 | FEP/FEL | 10 strips  | 921611 |
|                |   |                   |         | 30 strips  | 92161  |
|                |   |                   |         | 100 strips | 921610 |
| MIC Test Strip | CEFOTAXIME/CEFOTAXIME+CLAVULANIC ACID (4 µg/mL)   | 0.25-16 / 0.016-1 | CTX/CTL | 10 strips  | 921601 |
|                |   |                   |         | 30 strips  | 92160  |
|                |   |                   |         | 100 strips | 921600 |
| MIC Test Strip | CEFTAZIDIME/CEFTAZIDIME+CLAVULANIC ACID (4 µg/mL) | 0.5-32 / 0.064-4  | CAZ/CAL | 10 strips  | 921591 |
|                |   |                   |         | 30 strips  | 92159  |
|                |   |                   |         | 100 strips | 921590 |

## MIC Test Strip for **KPC** detection

| Description    |  | µg/mL             | Code    | Packaging  | Ref.   |
|----------------|--|-------------------|---------|------------|--------|
| MIC Test Strip | MEROPENEM / MEROPENEM + PHENYLBORONIC ACID | 0.125-8 / 0.032-2 | MRP/MBO | 10 strips  | 921671 |
|                |  |                   |         | 30 strips  | 92167  |
|                |  |                   |         | 100 strips | 921670 |
| MIC Test Strip | ERTAPENEM / ERTAPENEM + PHENYLBORONIC ACID | 0.125-8 / 0.032-2 | ETP/EBO | 10 strips  | 921681 |
|                |  |                   |         | 30 strips  | 92168  |
|                |  |                   |         | 100 strips | 921680 |

## MIC Test Strip **MBL** for detection of Metallo Beta-Lactamase

| Description    |                              | µg/mL             | Code    | Packaging  | Ref.   |
|----------------|------------------------------|-------------------|---------|------------|--------|
| MIC Test Strip | IMIPENEM / IMIPENEM + EDTA   | 4-256 / 1-64      | IMI/IMD | 10 strips  | 921621 |
|                |                              |                   |         | 30 strips  | 92162  |
|                |                              |                   |         | 100 strips | 921620 |
| MIC Test Strip | IMIPENEM / IMIPENEM + EDTA   | 0.125-8 / 0.032-2 | IMI/IMD | 10 strips  | 921661 |
|                |                              |                   |         | 30 strips  | 92166  |
|                |                              |                   |         | 100 strips | 921660 |
| MIC Test Strip | MEROPENEM / MEROPENEM + EDTA | 0.125-8 / 0.032-2 | MRP/MRD | 10 strips  | 921651 |
|                |                              |                   |         | 30 strips  | 92165  |
|                |                              |                   |         | 100 strips | 921650 |

## MIC Test Strip **GRD** for detection of Glycopeptide Resistance

| Description    |                          | µg/mL           | Code   | Packaging  | Ref.   |
|----------------|--------------------------|-----------------|--------|------------|--------|
| MIC Test Strip | VANCOMYCIN / TEICoplanin | 0.5-32 / 0.5-32 | VA/TEC | 10 strips  | 921631 |
|                |                          |                 |        | 30 strips  | 92163  |
|                |                          |                 |        | 100 strips | 921630 |

## MIC Test Strip for **AmpC** detection

| Description    |                                     | µg/mL             | Code    | Packaging  | Ref.   |
|----------------|-------------------------------------|-------------------|---------|------------|--------|
| MIC Test Strip | CEFOTETAN / CEFOTETAN+CLOXACILLIN   | 0.5-32 / 0.5-32   | CTT/CXT | 10 strips  | 921641 |
|                |                                     |                   |         | 30 strips  | 92164  |
|                |                                     |                   |         | 100 strips | 921640 |
| MIC Test Strip | ERTAPENEM / ERTAPENEM + CLOXACILLIN | 0.125-8 / 0.032-2 | ETP/ECX | 10 strips  | 921691 |
|                |                                     |                   |         | 30 strips  | 92169  |
|                |                                     |                   |         | 100 strips | 921690 |

## MTS Synergy Application System (International Patent)

| Description                     |  | Packaging                 | Ref.  |
|---------------------------------|--|---------------------------|-------|
| MTS Synergy Applicator Platform |  | 1 unit                    | 96860 |
| MTS Synergy Delivery Tool       |  | 10 disposable applicators | 96870 |

## Accessories

| Description   |  | Packaging | Ref.  |
|---|--|-----------|-------|
| <b>DEN-1B</b><br>McFarland densitometer with built-in adapter for 18 mm tubes |  |           | 96881 |
| <b>A-16</b><br>Adapter for 16 mm tubes  |  |           | 96882 |
| <b>CKG18</b><br>calibration kit for DEN-1, for 18mm glass tubes               |  |           | 96883 |
| <b>CKG16</b><br>calibration kit for DEN-1, for 16mm glass tubes               |  |           | 96884 |
| Storage Tube with Desiccant   |  | 10 tubes  | 96719 |
| McFarland Standard Set 0.5 - 1.0 - 2.0 - 3.0 -4.0                             |  | 5 tubes   | 80405 |
| 0.5 McFarland   |  | 1 tube    | 80400 |
| 1 McFarland   |  | 1 tube    | 80401 |
| 2 McFarland   |  | 1 tube    | 80402 |



## Ready to use culture media

| DESCRIPTION  | FORMAT          | PACKAGING              | REF.           |
|--|-----------------|------------------------|----------------|
| MUELLER HINTON AGAR II<br>for antimicrobial susceptibility testing of non-fastidious organisms.  | 90 mm<br>140 mm | 20 plates<br>10 plates | 10031<br>10231 |
| MUELLER HINTON AGAR II + SHEEP BLOOD 5%<br>for antimicrobial susceptibility testing of fastidious organisms.   | 90 mm<br>140 mm | 20 plates<br>10 plates | 10131<br>11231 |
| MUELLER HINTON FASTIDIOUS AGAR (Horse blood 5% + 20 mg/L $\beta$ -NAD)<br>EUCAST recommended: for antimicrobial susceptibility testing of <i>Streptococcus</i> spp., <i>Haemophilus</i> spp., and some other fastidious organisms. | 90 mm<br>140 mm | 20 plates<br>10 plates | 10132<br>11132 |
| MUELLER HINTON AGAR II + 2% NaCl<br>for antimicrobial susceptibility testing of staphylococci with Oxacillin.  | 90 mm           | 20 plates              | 11206          |
| CHROMATIC MH<br>Chromogenic medium for the preliminary identification and susceptibility testing of bacteria directly from clinical and environmental specimens.   | 90 mm<br>140 mm | 20 plates<br>10 plates | 11618<br>10246 |
| BRUCELLA BLOOD AGAR with HEMIN AND VITAMIN K1<br>for antimicrobial susceptibility testing of anaerobic bacteria.   | 90 mm           | 20 plates              | 10245          |
| SCHADLER K AGAR (SHEEP BLOOD 5%)<br>for antimicrobial susceptibility testing of anaerobic bacteria.  | 90 mm           | 20 plates              | 11065          |
| HAEMOPHILUS TEST AGAR<br>for <i>Haemophilus</i> spp. susceptibility testing.   | 90 mm           | 20 plates              | 10080          |
| MIDDLEBROOK 7H11 AGAR<br>for antimicrobial susceptibility testing of mycobacteria.   | 90 mm           | 20 plates              | 10416          |
| R.P.M.I. AGAR (2% glucose + MOPS)<br>for antifungal susceptibility testing.  | 90 mm<br>140 mm | 20 plates<br>10 plates | 11509<br>10233 |

