



## Meet the latest antimicrobials for Gram negative infections

### Antimicrobial susceptibility testing, now including Ceftazidime/Avibactam and Ceftolozane/Tazobactam

Confidence in the face of rising antimicrobial resistance requires earlier access to new treatment options. Perform comprehensive antimicrobial susceptibility testing (AST) for Gram negative infections with Thermo Scientific™ Sensititre™ Gram Negative MIC Plates. Featuring the most up-to-date antimicrobials—including Ceftazidime/Avibactam and Ceftolozane/Tazobactam—the new Sensititre Gram Negative GN6F MIC Plate allows you to perform in-house susceptibility testing, report and track new agent susceptibility, and help guide appropriate therapy intervention.

Choose Sensititre MIC Plates for:

**Precision**

Exact MIC values helps clinicians make informed patient-care decisions and reduce the risk of resistance development

**Accuracy**

Designed to meet current CLSI breakpoints

**Flexibility**

Automated, semi-automated or manual read options

**Efficiency**

Extended shelf-life and room temperature storage simplify inventory control

Choose from a variety of Sensititre plates FDA-cleared for Gram negative organisms, including:

- *Escherichia coli*
- *Klebsiella* spp.
- *Pseudomonas aeruginosa*
- *Enterobacter* spp.
- *Proteus* spp.

In addition to our range of standard Sensititre Gram Negative MIC Plates, we also offer over 240 antimicrobials to create your own custom plate, designed to your specific formulary and patient population.

## Sensititre Gram Negative MIC Plates

| Antimicrobial                 | Dilution Range (µg/mL) |             |                |                |                |                |                |                |                |
|-------------------------------|------------------------|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Part Number:                  | GN6F                   | GN4F        | GN3F           | GN2F           | NF             | GNX3F*         | GNX2F*         | ESB1F          | GNUR3F         |
| Amikacin                      | 8 - 32                 | 8 - 32      | 8 - 64         | 8 - 64         | 4 - 32         | 4 - 32         | 4 - 32         |                |                |
| Amoxicillin/clavulanic acid   |                        |             |                |                |                |                |                |                | 8/4 - 32/16    |
| Ampicillin                    | 8 - 16                 | 8 - 16      | 4 - 32         | 4 - 32         |                |                |                | 8 - 16         | 8 - 16         |
| Ampicillin/sulbactam          | 4/2 - 16/8             | 4/2 - 16/8  | 4/2 - 32/16    | 4/2 - 32/16    | 2/1 - 16/8     | 4/2 - 64/32    |                |                |                |
| Aztreonam                     | 1 - 16                 | 1 - 16      | 4 - 32         | 8 - 32         | 2 - 16         | 2 - 16         | 2 - 16         |                |                |
| Carbenicillin                 |                        |             |                |                | 32 - 256       |                |                |                |                |
| Cefazolin                     | 1 - 16                 | 0.5 - 16    | 4 - 32         | 4 - 32         |                |                |                | 8 - 16         | 4 - 32         |
| Cefepime                      | 2 - 16                 | 4 - 32      | 4 - 32         | 4 - 32         | 2 - 16         | 2 - 16         | 2 - 16         | 1 - 16         |                |
| Cefixime                      |                        |             |                |                |                |                |                |                |                |
| Cefoperazone                  |                        |             |                |                | 4 - 32         |                |                |                |                |
| Cefotaxime                    |                        |             |                |                | 4 - 32         | 2 - 32         | 1 - 32         | 0.25 - 64      |                |
| Cefotaxime/clavulanic acid    |                        |             |                |                |                |                |                | 0.25/4 - 64/4  |                |
| Cefotetan                     |                        |             |                | 8 - 32         |                |                |                |                |                |
| Cefoxitin                     |                        |             | 4 - 32         | 4 - 32         |                |                |                | 4 - 64         |                |
| Cefpodoxime                   |                        |             | 2 - 16         | 2 - 16         |                |                |                | 0.25 - 32      |                |
| Ceftazidime                   | 1 - 16                 | 1 - 16      | 1 - 32         | 1 - 32         | 1 - 16         | 1 - 16         | 1 - 16         | 0.25 - 128     |                |
| Ceftazidime/avibactam         | 2/4 - 16/4             |             |                |                |                |                |                |                |                |
| Ceftazidime/clavulanic acid   |                        |             |                |                |                |                |                | 0.12/4 - 128/4 |                |
| Ceftolozane/tazobactam        | 2/4 - 16/4             |             |                |                |                |                |                |                |                |
| Ceftriaxone                   | 0.5 - 32               | 0.5 - 32    | 1 - 64         | 1 - 64         | 4 - 32         |                |                | 1 - 128        |                |
| Cefuroxime                    |                        |             | 4 - 32         | 4 - 32         |                |                |                |                | 1 - 32         |
| Cephalothin                   |                        |             | 2 - 16         |                |                |                |                | 8 - 16         |                |
| Chloramphenicol               |                        |             |                |                | 2 - 16         |                |                |                |                |
| Ciprofloxacin                 | 0.5 - 2                | 0.5 - 2     | 0.5 - 4        | 0.5 - 4        | 0.25 - 2       | 0.06 - 2       | 0.25 - 2       | 1 - 2          | 1 - 4          |
| Colistin*                     |                        |             |                |                |                | 0.25 - 4       | 0.25 - 4       |                |                |
| Doripenem                     | 0.5 - 4                | 0.5 - 4     |                |                |                | 0.5 - 4        | 0.12 - 2       |                |                |
| Doxycycline                   |                        |             |                |                |                | 2 - 16         | 2 - 16         |                |                |
| Ertapenem                     | 0.25 - 8               | 0.25 - 8    | 2 - 16         |                |                |                | 0.25 - 4       |                |                |
| Gatifloxacin                  |                        |             |                | 1 - 8          |                |                |                |                |                |
| Gentamicin                    | 2 - 8                  | 2 - 8       | 2 - 16         | 2 - 16         | 1 - 8          | 1 - 8          | 1 - 8          | 4 - 16         | 4 - 8          |
| Imipenem                      | 1 - 8                  | 0.5 - 8     |                | 2 - 16         | 1 - 8          | 1 - 8          | 1 - 8          | 0.5 - 16       |                |
| Levofloxacin                  | 1 - 8                  | 1 - 8       |                |                | 0.5 - 4        | 1 - 8          | 1 - 8          |                |                |
| Lomefloxacin                  |                        |             |                |                | 0.5 - 4        |                |                |                |                |
| Meropenem                     | 0.5 - 8                | 0.5 - 8     | 1 - 8          | 1 - 8          |                | 1 - 8          | 1 - 8          | 1 - 8          |                |
| Minocycline                   | 1 - 8                  | 1 - 8       |                |                |                | 2 - 16         | 2 - 16         |                |                |
| Nitrofurantoin                | 32 - 64                | 32 - 64     |                | 16 - 128       |                |                |                |                | 32 - 128       |
| Piperacillin                  |                        | 16 - 64     |                | 16 - 128       | 8 - 64         |                |                |                |                |
| Piperacillin/tazobactam       | 8/4 - 128-4            | 8/4 - 128/4 | 16/4 - 128/4   | 16/4 - 128/4   | 8/4 - 64/4     | 8/4 - 64/4     | 8/4 - 64/4     | 4/4 - 64/4     |                |
| Polymixin B*                  |                        |             |                |                |                | 0.25 - 4       | 0.25 - 4       |                |                |
| Sulfisoxazole                 |                        |             |                |                | 256            |                |                |                |                |
| Tetracycline                  | 4 - 8                  | 4 - 8       | 0.5 - 16       |                | 1 - 8          |                |                |                |                |
| Ticarcillin                   |                        |             |                |                | 8 - 64         |                |                |                |                |
| Ticarcillin/clavulanic acid   |                        | 8/2 - 64/2  | 16/2 - 64/2    | 16/2 - 64/2    | 16/2 - 128/2   | 16/2 - 128/2   | 16/2 - 128/2   |                |                |
| Tigecycline                   | 1 - 8                  | 1 - 8       | 1 - 8          |                |                | 0.25 - 8       | 0.25 - 8       |                |                |
| Tobramycin                    | 2 - 8                  | 2 - 8       | 4 - 8          | 4 - 8          | 1 - 8          | 1 - 8          | 1 - 8          |                |                |
| Trimethoprim/sulfamethoxazole | 2/38 - 4/76            | 2/38 - 4/76 | 0.5/9.5 - 4/76 | 0.5/9.5 - 4/76 | 0.5/9.5 - 4/76 | 0.5/9.5 - 4/76 | 0.5/9.5 - 4/76 |                | 0.5/9.5 - 2/38 |

| Related Products                                                        | Quantity      | Part No. |
|-------------------------------------------------------------------------|---------------|----------|
| Sensititre Gram Negative GN6F Plate                                     | 10/box        | GN6F     |
| Sensititre Gram Negative GN4F Plate                                     | 10/box        | GN4F     |
| Sensititre Gram Negative GN3F Plate                                     | 10/box        | GN3F     |
| Sensititre Gram Negative GN2F Plate                                     | 10/box        | GN2F     |
| Sensititre Gram Negative Non-Fermenters MIC Plate with SIW              | 10/box        | NF       |
| Sensititre Gram Negative Research Use Only MIC Plate for CRE Testing    | 10/box        | GNX3F*   |
| Sensititre Gram Negative Research Use Only MIC Plate for Non-Fermenters | 10/box        | GNX2F*   |
| Sensititre Extended Spectrum Beta-lactamase Plate                       | 10/box        | ESB1F    |
| Sensititre Gram Negative Urine Plate                                    | 10/box        | GNUR3F   |
| Mueller Hinton Broth                                                    | 11mL; 100/box | T3462    |
| Demineralized Water                                                     | 5mL; 100/box  | T3339    |

\*For research use only. Not for use in diagnostic procedures.

Find out more at [thermofisher.com/AST](https://thermofisher.com/AST)

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### Contact Information:

microbiology@thermofisher.com  
USA +800 255 6730  
International +44 (0) 1256 841144

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