

# The latest antimicrobials for the most critical cases

Ceftazidime/Avibactam now available for Antimicrobial Susceptibility Testing (AST) with Oxoid Antimicrobial Susceptibility Disks and Sensititre Custom MIC Plates



Our new Thermo Scientific™ AST products give microbiology laboratories the ability to perform susceptibility testing using Ceftazidime/Avibactam, the latest antimicrobial combination for treating multidrug-resistant Gram negative infections. The antimicrobial combination of ceftazidime and avibactam provides a new therapy option for clinicians struggling to treat complicated bacterial infections that are increasingly resistant to antibiotics.

Thermo Fisher Scientific is a leader in providing AST solutions that help in the fight against antimicrobial resistance, offering high performance automated and manual test options and one of the largest, most up-to-date selections of antimicrobials for susceptibility testing.

## Choice of format to suit workflow or AST needs

### Oxoid™ Antimicrobial Susceptibility Disks

As part of the Oxoid AST Disk range, Oxoid Ceftazidime/Avibactam Disks are manufactured under stringent quality standards, for maximum reproducibility and minimal variability.

- Available in two formats as suggested by EUCAST and CLSI – Ceftazidime/Avibactam 10µg/4µg (CZA14) and Ceftazidime/Avibactam 30µg/20µg (CZA50)
- Flexible, easy-to-use manual testing
- Simple disk diffusion for maximum reproducibility
- Around 200 standard antimicrobial options
- Over 40 years of experience in development and manufacturing

### Sensititre™ Custom MIC Plates

Meet your antimicrobial susceptibility testing requirements with Sensititre Custom MIC Plates, combined with scalable automation options to get relevant results. Ceftazidime/Avibactam is available for Sensititre manual, semi-automated and fully automated testing, aiding the fight against resistance by providing solutions tailored to individual AST programs. Plates are designed with the user in mind to produce accurate, reliable and consistent results.

- Over 240 antimicrobial options
- Manual to fully automated plate reading
- Full range minimum inhibitory concentration (MIC) results

Ceftazidime/Avibactam is indicated for the treatment of complicated urinary tract infections (cUTI) patients 18 years or older including pyelonephritis caused by the following susceptible microorganisms: *Escherichia coli*, *Klebsiella pneumoniae*, *Citrobacter koseri*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Citrobacter freundii*, *Proteus* spp., and *Pseudomonas aeruginosa*. In combination with metronidazole, it is also indicated for the treatment of complicated intra-abdominal infections (cIAI) caused by the following susceptible microorganisms: *Escherichia coli*, *Klebsiella pneumoniae*, *Proteus mirabilis*, *Providencia stuartii*, *Enterobacter cloacae*, *Klebsiella oxytoca*, and *Pseudomonas aeruginosa*.

## Ordering Information

Description	Part No.
Oxoid Ceftazidime/Avibactam Disk (10/4) CZA14 (EUCAST)	CT1948B
Oxoid Ceftazidime/Avibactam Disk (30/20) CZA50 (CLSI)	CT1947B
Sensititre Custom Plates: design on request	
<b>Oxoid Antimicrobial Susceptibility Disk QC organisms</b>	
Thermo Scientific™ Culti-Loops™ <i>Escherichia coli</i> ATCC® 25922™	R4607050
Culti-Loops <i>Pseudomonas aeruginosa</i> ATCC® 27853™	R4607060
Culti-Loops <i>Klebsiella pneumoniae</i> ATCC® 700603™	R4603074
Culti-Loops <i>Staphylococcus aureus</i> ATCC® 25923	R4607010
Culti-Loops <i>Escherichia coli</i> ATCC® 35218™	R4601971
<b>Sensititre QC organisms</b>	
Culti-Loops <i>Streptococcus pneumoniae</i> ATCC® 49619™	R4609015
Culti-Loops <i>Haemophilus influenzae</i> ATCC® 49247™	R4603830
Culti-Loops <i>Pseudomonas aeruginosa</i> ATCC® 27853™	R4607060
Culti-Loops <i>Escherichia coli</i> ATCC® 35218™	R4601971
Culti-Loops <i>Staphylococcus aureus</i> ATCC® 29213™	R4607011
Culti-Loops <i>Escherichia coli</i> ATCC® 25922™	R4607050
Culti-Loops <i>Klebsiella pneumoniae</i> ATCC® 700603	R4603074

As antibiotic resistance evolves and treatment options for serious infections become more limited, solutions are needed that help guide timely and accurate therapy intervention. Through close collaboration with pharmaceutical companies during the drug development process, Thermo Fisher Scientific provides faster access to new antimicrobials so you are available to treat the most critical cases.

For more information about our complete range of AST solutions, visit [thermofisher.com/AST](http://thermofisher.com/AST)



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