

Tailor-made AST for your unique needs

Thermo Scientific™ Sensititre™ Custom Antimicrobial Susceptibility Testing Plates

Thermo Scientific Sensititre custom plate capabilities enable you to design Antimicrobial Susceptibility Testing tailored to your formulary and patient population. With antimicrobial susceptibility testing dilution ranges of your choice and the ability to update formats conveniently, you get relevant results that are based on real-time resistance trends and local epidemiology, improving clinical success and effectively managing resistance in your institution.



Through close collaboration with pharmaceutical companies, the Sensititre System offers one of the widest, most up-to-date selections of antimicrobials—enabling earlier access to new antimicrobials including Oritavancin, Dalbavancin, Tedizolid, Telavancin, Ceftolozane / Tazobactam and Ceftazidime / Avibactam.

- **Greater flexibility** – over 240 antimicrobials available for clinical and veterinary applications; available as frozen or dried format
- **Performance** – superior reproducibility for accurate results the first time; consolidate testing onto one format to reduce unnecessary testing protocols
- **Custom design** – easily adapt formulary requirements and prescription protocols to manage local resistance
- **Scalable** – choose from a variety of flexible instrumentation options to streamline your workflow and meet your specific workload and budget requirements

Four simple steps to designing your custom plate

Our team of microbiology experts will guide you through the Sensititre custom plate process from design to delivery.



Design – choose antimicrobials and dilution ranges tailored to your formulary requirements and local patient or animal populations.



Approval – custom plate designs are rigorously reviewed and approved based on quality and regulatory standards ensuring your plate meets your exact specifications and industry standards guidelines



Order – following approval and receipt of a purchase order, your Sensititre custom plates will be scheduled for manufacture. The typical lead time for manufacture is 10-12 weeks*



Delivery – every custom plate comes complete with the required Thermo Scientific™ Sensititre™ SWIN™ Software script specific to your design to ensure results are reported with correct interpretive criteria. Plates may also be read manually subject to configuration

* Minimum order quantity may apply

Scalable instrumentation

Customize to meet workflow, workload and budget

Quickly and easily inoculate, incubate and read your custom plates, with flexible instrumentation options and robust software and reporting systems.



Thermo Scientific™ Sensititre™ ARIS™ 2X System

Fully automated, benchtop incubating and reading system accommodates up to 192 tests on a single instrument, reducing workload and facilitating efficient workflow



Thermo Scientific™ Sensititre™ AIM™ Automated Inoculation Delivery System

Quickly and accurately doses 96-well plates, eliminating skipped wells and costly repeat tests. Icon-driven touch screen facilitates quick dosing selection for simple, intuitive operation



Thermo Scientific™ Sensititre™ OptiRead™ Automated Fluorometric Plate Reading System

Fast, accurate, automated plate reading for maximum consistency. Quickly transfer results for processing, interpretation and reporting, improving efficiency and productivity



Sensititre Manual System

Inoculate plates with the Sensititre Multichannel Pipette, read manually with the Sensititre Manual Viewbox, and standardize inoculum density with the Sensititre Nephelometer



Thermo Scientific™ Sensititre™ Vizion™ Digital MIC Viewing System

Combines automated technology with visual results, allowing you to consolidate all offline testing on a single instrument



SWIN Software and Epidemiology Module

Combines manual and fully automated read options on a single software platform to quickly generate relevant reports and bar graphs

The Thermo Scientific Sensititre System is a leader in antimicrobial susceptibility testing, offering flexible, customizable testing options to accommodate laboratories of all sizes. To learn more about the Sensititre Custom Plate Design Service, contact us at microbiology@thermofisher.com. For further details on our complete range of instrumentation and plates, please visit thermofisher.com/AST

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