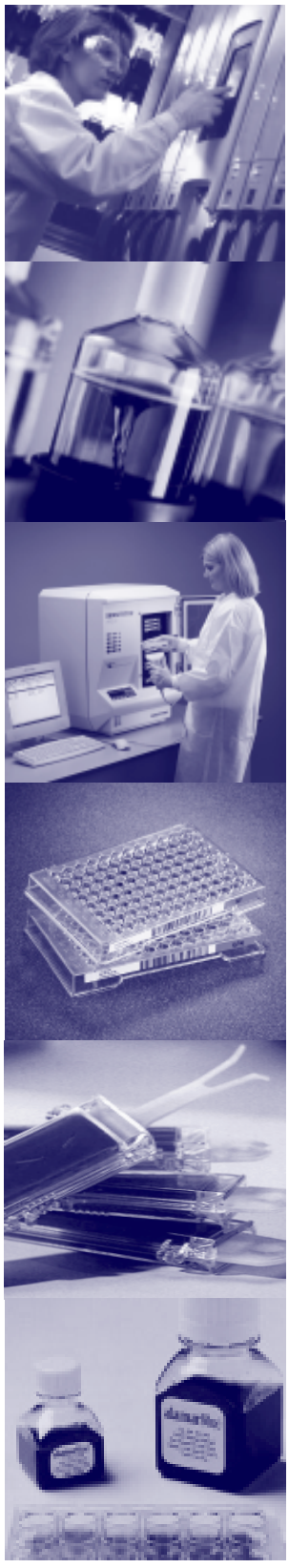

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Product Catalog

FOR THE MICROBIOLOGY DIAGNOSTIC LABORATORY

VERSATREK® AUTOMATED MICROBIAL DETECTION SYSTEM

***PARA*-JEM® SYSTEM**

ESP® CULTURE SYSTEM II

SENSITITRE® MICROBIOLOGY SYSTEMS

ONSITE® URINE CULTURE DEVICE

ALAMARBLUE® COLORMETRIC GROWTH INDICATOR DYE

It is with pleasure that we provide you with our catalog of automated systems and consumable products for the microbiology diagnostic laboratory. We invite you to take a few minutes to browse through the catalog for detailed information about our product portfolio:

- **VersaTREK® Automated Microbial Detection System** - Offering VorTrexing™ agitation and four tests in one system (blood culture testing, sterile body fluid culturing, mycobacterial detection and *M.tb* susceptibility testing), the VersaTREK system is the answer to the clinical microbiologists' need for a versatile and reliable automated system.

- **ESP® Culture System II** - Proven technology for automated blood and sterile body fluid culturing, mycobacterial detection, and *M.tb* susceptibility testing, the ESP Culture System II is also the first system to offer automated testing for Johne's Disease.

- ***para*-JEM® System** - Provides convenient kit packaging, proven technology, and reliable results in the fight against Johne's Disease.

- **Sensititre® Microbiology Systems** - The leader in antimicrobic resistance detection and monitoring and the product of choice for clinical trials and surveillance programs worldwide.

- **onSite® Urine Culture Device** - The only device that combines the sensitivity and specificity of the traditional urine culture method with the convenience and efficiency of a unique new design.

- **alamarBlue®** - The proprietary indicator reagent formulated to measure the proliferation of a variety of human or animal cells, bacteria, mycobacteria, or fungi.

Our mission of performance and excellence is backed by a commitment to research, development, quality manufacturing, and customer service. With a dedication to microbiology, TREK Diagnostic Systems has gathered a global team of scientists, sales, service, and operations professionals to work in partnership with our microbiology customers to provide innovative solutions for better patient care.

Our Customer Service and Technical Support teams are on call to answer your product questions and to manage your product support requirements.

Customer Service:
800-871-8909

Technical Support:
800-642-7029 (24 hours)

TREK DIAGNOSTIC SYSTEMS
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VersaTREK®

VersaTREK® Automated Microbial Detection System

The VersaTREK Automated Microbial Detection System is the totally new automated solution from TREK Diagnostic Systems. Offering four tests in one system, blood culture, sterile body fluid culturing, mycobacterial detection, and *M.tb* susceptibility testing, the VersaTREK System is the answer to the clinical microbiologists' need for a versatile and reliable automated system.

The VersaTREK System relies on unique media to promote both gas consumption and production for detecting changes in headspace pressure. The REDOX 1® and REDOX 2® two-bottle media system work together in providing essential nutrients in an ideal environment to promote growth of a wide range of fastidious and non-fastidious organisms. Utilizing dilution and timing, VersaTREK media eliminates the need for special additives or special media such as resins, pediatric, or fungal media.

The system also incorporates a new exclusive VorTrexing™ agitation method for the most thorough oxygenation of the aerobic bottles.

The VersaTREK System reduces sharps with the only FDA cleared direct draw bottle option: the EZ Draw®. Additional safety features minimize breakage, sharps exposure and aerosols.

One touch software offers efficient workflow, smooth processing, rapid access to patient care information and improved data retrieval. Compatible with current LIS interfaces, the system performs on a state-of-the-art Microsoft® Windows® XP Professional platform, supports the efficiency of Ethernet networking, and incorporates the functionality of extensive data management reports, including workload, contaminants, positive/negatives, culture summaries and more.

VersaTREK Instruments

TREK put the customer signature on its new automated detection instrument. Designed for versatility and ease-of-use, the VersaTREK Instrument is the best solution for the demanding challenges of the diagnostic laboratory.

- Enhanced ergonomics and convenient bottle management provide optimal staff efficiency and convenience
- **A**ny **B**ottle anywhere **C**oncept affords maximum instrument utilization ... as simple as **ABC**!
- On-board color LCD screen provides one touch access to bottles, graphs, and patient information
- Intelligent design, utilizing new VorTrexing™ agitation, delivers the best media and instrument combination
- Modular design accommodates the laboratory's changing capacity requirements

TREK DIAGNOSTIC SYSTEMS
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Note: *Equipment specifications can be found on page 4 and 5.*

CAT #	PRODUCT DESCRIPTION

VersaTREK 240 Model

6240-04	VersaTREK 240 with 4 drawers (96 bottle capacity)
6240-06	VersaTREK 240 with 6 drawers (144 bottle capacity)
6240-08	VersaTREK 240 with 8 drawers (192 bottle capacity)
6240-10	VersaTREK 240 with 10 drawers (240 bottle capacity)

VersaTREK 528 Model

6528-14	VersaTREK 528 with 14 drawers (336 bottle capacity)
6528-16	VersaTREK 528 with 16 drawers (384 bottle capacity)
6528-18	VersaTREK 528 with 18 drawers (432 bottle capacity)
6528-20	VersaTREK 528 with 20 drawers (480 bottle capacity)
6528-22	VersaTREK 528 with 22 drawers (528 bottle capacity)

Note: *All systems may be configured as combination instruments for blood culture, mycobacteria detection, and M.tb susceptibility.*

VersaTREK Instrument Accessories

6020-30	VersaTREK 240 cart
6030-30	VersaTREK drawer, left
6031-30	VersaTREK drawer, right
6040-30	VersaTREK Myco bottle adaptor, 25/box
6042-30	VersaTREK bottle replacement module
6044-30	Red Disable Location Caps, each
6400-30	VersaTREK Operator Manual (CD)
6424-30	Bottle Carry Rack
6440-30	Thermometer
6420-30	VersaTREK Stylus, 4/pack
6422-30	VersaTREK Stylus Holder
6430-30	VersaTREK Remote Alarm

VersaTREK Windows Software

VersaTREK Windows-based Software offers efficient workflow, smooth processing, rapid access to patient care information and improved data retrieval. It is legacy compatible with both VersaTREK and ESP Systems. Compatible with current LIS interfaces, the system performs on a state-of-the-art Windows XP Professional platform, allows the efficiency of ETHERNET networking, and incorporates the functionality of extensive patient data management reports, including workload, contaminants, positives/negatives, culture summaries and more.

CAT #	PRODUCT DESCRIPTION

6100-30-1	VersaTREK/ESP Computer
6100-31	VersaTREK/ESP Computer Package

TREK DIAGNOSTIC SYSTEMS
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1.800.871.8909

CAT #	PRODUCT DESCRIPTION

VersaTREK Windows Software

6110-31	VersaTREK Computer Package - Standard with 15” monitor
6132-30-1	Microsoft Access XP
6134-30-2	Symantec PC anywhere
6140-30	Monitor, 15" LCD touch screen
6150-30	Printer, HP Laser Jet
6152-30	Printer cable, 6', USB 2.0 A/B
6159-30	Ethernet Switch, 8-port
6168-30	External 8-port USB serial box
6170-30	AT Adaptor Cable, DB9F-DB25M, 0.25M

VersaTREK REDOX Media

VersaTREK microbial detection media are based on enhanced media formulations that deliver unparalleled versatility, broad range recoverability, unique growth response curves, reliability, and simple ease-of-use.

- Enhanced versatile media system consists of two formulations: REDOX 1® and REDOX 2® media.
- Unique media promotes gas production and consumption.
- Novel VorTrexing action motion provides an agitation that improves oxygenation of REDOX 1 aerobic bottles for more effective organism detection.
- Timing and dilution to detect microbes instead of costly specialized additive media.
- Media provides an optimum blood-to-broth ratio to minimize the inhibitory effects of host blood factors, antimicrobials, and other agents.

CAT #	PRODUCT DESCRIPTION
7102-44	VersaTREK REDOX 1 80 ml with Stir Bar, 50/case
7103-44	VersaTREK REDOX 2 80 ml, 50/case
7106-44	VersaTREK REDOX 1 EZ Draw 40 ml with Stir Bar, 50/case
7107-44	VersaTREK REDOX 2 EZ Draw 40 ml, 50/case

TREK DIAGNOSTIC SYSTEMS
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CAT #	PRODUCT DESCRIPTION

VersaTREK Media Accessories

7150-44	VersaTREK Connectors, 50/box
6040-30	VersaTREK Myco Bottle Adaptors, 25/box
6424-30	Bottle Carry Rack
6450-35	VersaTREK EZ-ID labels, 100 per pack

Mycobacteria Detection and *M. tuberculosis* Susceptibility Testing

Only one formulation is needed for detection and recovery of mycobacteria from *all* samples. The same technology is utilized to measure changes in headspace pressure. Patented cellulose sponge material provides a solid matrix and a greater surface area for growth. Direct probe testing is FDA cleared. The VersaTREK Myco Susceptibility Kit is an automated system for *Mycobacterium tuberculosis* testing. The kit includes Rifampin, Isoniazid, and Ethambutol and provides reagents for 80 tests.

CAT #	PRODUCT DESCRIPTION
7111-42	VersaTREK Myco - Modified Middlebrook 7H9 Broth w/Compressed Cellulose Sponges - 12.5ml, 50/case
7112-42	VersaTREK Myco GS Growth Supplement, 50ml, 5/box
7113-42	VersaTREK Myco PVNA (Polymyxin B, Vancomycin, Nalidixic Acid, Amphotericin B),15ml, 5/box
7114-42	VersaTREK Myco AS Antibiotic Supplement, 25ml, 5/box
7115-60	VersaTREK Myco Susceptibility Kit: 2x25ml Rifampin; 2x 25ml Isoniazid; 3x25ml Ethambutol
7116-70	VersaTREK Myco PZA Kit: 2x25ml Pyrazinamide, 4x25ml PZA Rehydration Buffer
6040-30	VersaTREK Myco Bottle Adaptor, 25/box

.

Specifications and Power Requirements

VersaTREK 96-240 Bottle Model

Height	40.25 in	103 cm
Width	52 in	132 cm
Depth	30.625 in	78 cm
Empty Weight	669 lbs	304 kg
Fully Loaded Weight	779 lbs	354 kg

TREK DIAGNOSTIC SYSTEMS
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VersaTREK 96-240 Bottle Model

Power requirements	100-120 Volts, AC 10 Amperes, 50-60 Hz; Circuit required is 15 Ampere, dedicated line.	220-240 Volts, AC 5 Amperes, 50-60 Hz; Circuit required is 15 Ampere, dedicated line.

VersaTREK 96-528 Bottle Model

Height	76.25 in	194 cm
Width	52 in	132 cm
Depth	30.625 in	78 cm
Empty Weight	1,236 lbs	561 kg
Fully Loaded Weight	1,481 lbs	673 kg
Power requirements	100-120 Volts, AC 10 Amperes, 50-60 Hz; Circuit required is 15 Ampere, dedicated line.	220-240 Volts, AC 5 Amperes, 50-60 Hz; Circuit required is 15 Ampere, dedicated line.

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ESP® Culture System II

The ESP Culture System II incorporates a unique, sensitive technology which measures the pressure change within the headspace of a culture bottle containing media to maximize both the consumption and production of gas as a by-product of microbial metabolism. The system has been proven to reliably detect the presence of microbes, including Mycobacteria, from blood, sterile body fluids, respiratory,gastric, fecal, and tissue specimens.

ESP culture media has been specifically engineered to meet the technical and practical challenges inherent in automated culture testing.

An instrument choice providing 128, 256 or 384 test positions is available to meet individual lab test volumes. Custom combination systems can be created to meet specific test requirements.

ESP Culture System II Instruments

Flexibility is the hallmark of the ESP Culture System II. Blood and body fluid culture, nonradiometric mycobacteria detection, and *Mycobacterium tuberculosis* susceptibility testing for the primary antibiotics can be performed on the same instrument.

- The closed system design allows the safe handling of all specimens throughout the lab
- The customizable instrument configuration allows you to design a system that efficiently accommodates your test volumes
- 1,920 test sites can be monitored by one PC for reduced cost and improved efficiency

Note: *Equipment specifications can be found on page 9.*

CAT #	PRODUCT DESCRIPTION
ESP Culture System II – 128 bottle capacity with cart	
7000-31R	Base Unit, 110V/60Hz
ESP Culture System II – 256 bottle capacity	
7008-31R	Base Unit, 110V/60Hz

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

CAT #	PRODUCT DESCRIPTION

ESP Culture System II – 384 bottle capacity

7010-31R	Base Unit, 110V/60Hz

Note: *All systems may be configured as combination instruments for blood culture and mycobacteria detection.*

ESP Culture System II Accessories

7017-31	PowerWare 9120-384
7052-30	ESP Operator's Manual
7156-31	Myco Module Labels
7200-30	16 Position Module Drawer with Built-in Laser Scanner
7200-31	16 Position Module Drawer, Aerobic
7200-32	16 Position Module Drawer, Anaerobic
7317-00	Blood Culture Replacement Bottle Adapter
7317-99	Myco Cup Adapters, 25/box
7717-00	Cable, 4-Port Serial

ESP Controller System

7020-32	ESP Complete System - US - Includes CPU, Color Monitor, Keyboard, Mouse, Printer, Communications Cable, Printer Cable
7504-30	Barcode Scanner for ESP Controller
7733-00	Surge Protector for ESP Controller

TREK DIAGNOSTIC SYSTEMS
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ESP Culture System II Media

The proprietary formulation of the ESP Media supports the growth of a wide variety of microorganisms and is effective for all specimen types without any additives. Essential growth factors allow a much smaller amount of blood to be drawn. FDA clearance for volumes from 0.1 ml to 10 ml accommodates difficult draws, which makes pediatric bottles unnecessary. Optimized blood:broth dilution ratio neutralizes effects of antibiotics and other inhibitory substances, so resins and FAN media are not needed. ESP media reliably detects clinically significant episodes of septicemia with minimum contamination.

CAT #	PRODUCT DESCRIPTION
7102-44	VersaTREK REDOX 1 with Stir Bar, 50/case
7103-44	VersaTREK REDOX 2 80 ml, 50/case
7106-44	VersaTREK REDOX 1 EZ Draw 40 ml with Stir Bar, 50/case
7107-44	VersaTREK REDOX 2 EZ Draw 40 ml, 50/case
7150-44	VersaTREK Connector, 50/box

Mycobacterium Tuberculosis Detection and Susceptibility Testing for ESP Culture System II

The flexible design of the ESP Culture System II allows for blood culture, nonradiometric mycobacteria detection and susceptibility testing on the same instrument. Myco Broth's impact-resistant bottles with the connector's hydrophobic membranes and closed system design allows for safe handling of all specimens throughout the microbiology laboratory.

CAT #	PRODUCT DESCRIPTION
7111-42	Myco - Modified Middlebrook 7H9 Broth w/Compressed Cellulose Sponges - 12.5ml, 50/case
7112-42	Myco GS Growth Supplement, 50ml, 5/box
7113-42	Myco PVNA (Polymyxin B, Vancomycin, Nalidixic Acid, Amphotericin B),15ml, 5/box
7114-42	Myco AS Antibiotic Supplement, 25ml, 5/box

For susceptibility testing of *M. tuberculosis*, the ESP Culture System II combines Myco broth, a growth supplement, and primary antibiotics with a detection system that automatically incubates and continuously monitors culture bottles inoculated with *M. tb* isolates from various specimen sources.

7115-60	Myco Susceptibility Kit: 2x25ml Rifampin; 2x 25ml Isoniazid; 3x25ml Ethambutol
7116-70	Myco PZA Kit: 2x25ml Pyrazinamide, 4x25ml PZA Rehydration Buffer

TREK DIAGNOSTIC SYSTEMS
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ESP Specifications

ESP 128

ESP Instrument

Height	36.5 in (feet retracted)	92.71cm
Width	34.25 in	87 cm
Depth	27.5 in	69.85 cm
Weight	600 lb	272.15 kg

Cart

Height	30 in	76.2 cm
Width	34.25 in	87 cm
Depth	31.5 in	80 cm
Weight	350 lb	158.75 kg

ESP 256/384

ESP Instrument

Height	79.5 in (feet retracted)	201.93 cm
Width	34.5 in	87.63 cm
Depth	28 in	71.12 cm
Weight	1,380 lb	625.96 kg

Power Requirements

ESP 128/256/384

At Outlet	110/120 VAC; 60Hz; 15A Dedicated/Grounded	220/230 VAC; 50Hz; 7.5A Dedicated/Grounded
	Emergency Power Circuit Preferred (ESP Main Breaker Rating 15A)	Emergency Power Circuit Preferred (ESP Main Breaker Rating 7.5A)
Power Draw	13A Maximum under Normal Operating Conditions; 10A Nominal	6A Nominal Approx.

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para-JEM®

para-JEM® System

para-JEM® Detection of *Mycobacterium avium* subsp. *paratuberculosis* on ESP

Solid medium culture is the standard procedure for the detection of *M. avium* subsp. *paratuberculosis* in fecal and tissue samples. Because of the long generation time of the bacterium, it can take up to 12 weeks incubation before the bacteria grow on solid medium. In collaboration with veterinary diagnostic laboratories, TREK has developed a rapid detection method using a liquid culture.

The ESP Culture System II combines a proprietary reagent medium, growth supplements, and primary antibiotics with a detection system that automatically incubates and continuously monitors culture bottles inoculated with isolates from various specimen sources.

CAT #	PRODUCT DESCRIPTION

Reagents

7131-42	*para*-JEM Broth, 10.5ml, 50/case
7132-42	*para*-JEM GS Growth Supplement, 50ml, 5/box
7133-42	*para*-JEM AS Antibiotic Supplement with agent, 25ml, 5/box
7134-42	*para*-JEM EYS Egg Yolk Supplement, 50ml, 5/box
7137-42	*para*-JEM® w/BLUE 250 Kit - Includes broth, supplements and primary antibiotic for approximately 250 tests: 250 bottles *para*-JEM Broth, 5x50ml bottles *para*-JEM GS, 5x25ml bottles *para*-JEM AS, 5x50ml bottles *para*-JEM EYS, *para*-JEM BLUE and 250 connectors
7150-44	VersaTREK Connector, 50/box
00-030	*para*-JEM BLUE, 15ml

TREK DIAGNOSTIC SYSTEMS
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ESP System for Veterinary Applications

The ESP Culture System II is now available in a custom configuration designed for the veterinary microbiology laboratory. The system is designed to accommodate 128, 256 or 384 tests to meet the testing requirements of each lab. The system's closed design allows for the safe handling of all specimens throughout the laboratory.

CAT #	PRODUCT DESCRIPTION

Instruments and Accessories

7000-32R	ESP Culture System II -- 128 bottle capacity, 110 Volt, 60 Hz
7005-31R	ESP Culture System II -- 128 bottle capacity, 220 Volt, 50 Hz
7008-32R	ESP Culture System II - 256 bottle capacity, 110 Volt, 60 Hz
7010-32R	ESP Culture System II - 384 bottle capacity, 110 Volt, 60 Hz
7015-31R	ESP Culture System II - 384 bottle capacity, 220 Volt, 50 Hz
7017-31R	Uninterruptable Power Supply - 2KVA
7020-32	ESP Controller System, US - Includes CPU, Color Monitor, Keyboard, Mouse, Printer, Communications Cables

Instruments and Accessories

7052-30	ESP Operator's Manual
7055-30	ESP Operator's Manual Addendum for Veterinary Application
7317-99	Myco Cup Adapters, 16/box
7733-00	Surge Protector for ESP Controller System

New *para*-JEM® Windows Software

User-friendly, intuitive *para*-JEM Windows Software simplifies the fight against Johne's Disease.

6104-31	Computer with *para*-JEM Software
6124-31	*para*-JEM Computer Package
6411-30	*para*-JEM Operator's Manual

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Sensititre® Microbiology Systems

The Sensititre Microbiology System combines a history of development and manufacturing expertise with the most cost-effective and flexible approach to customized susceptibility and identification testing available today.

The Sensititre System is the recognized leader in antimicrobic resistance detection and monitoring worldwide and is the product of choice for clinical trials and global surveillance programs. Through collaboration with all major pharmaceutical companies, the Sensititre System can offer the earliest availability and widest choice of antimicrobics for both standard and user-defined custom plates. Plates are precision dosed and vacuum dried for greater antimicrobic stability than frozen plates. Because plates are dosed with antimicrobics only, each laboratory can choose the appropriate Sensititre broth for testing, allowing the same plate design to be used for multiple protocols. 12 to 24-month room temperature storage extends Sensititre plate convenience for the laboratory.

The Sensititre Microbiology System is designed to provide flexible instrumentation options for the diagnostic laboratory. Changes in test volume or budgetary requirements are easily addressed by Sensititre's modular equipment configuration. Instrumentation is designed to manually, semi-automatically, or automatically incubate and read the full range of Sensititre susceptibility and identification plates.

Standard Identification Plates

Sensititre autoidentification plates are *in vitro* diagnostic products developed to provide organism identification for the most common aerobic Gram-negative and Gram-positive bacteria.

- Presumptive ID of Gram-negative organisms can be obtained in five hours; identification to species level for both Gram-negatives and Gram-positives can be obtained after overnight incubation.
- Each test plate is designed to identify three separate organisms.

CAT #	PRODUCT DESCRIPTION
GNID	Gram-Negative Identification, 10/box
GPID	Gram-Positive Identification, 10/box
	For use with Sensititre AutoReader or Sensititre ARIS®2X systems

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Standard Identification Plate Layouts

GNID - Gram-Negative Identification

Biochemical Reagents

TDA Tryptophan Deaminase
FR Fluorogenic Reagent
FR1 Lysine 7AMC
FR3 4MU Phosphate
FR4 4MU Alpha-D-Glucopyranoside
FR5 Proline 7AMC
FR6 4MU Alpha-D-Galactopyranoside
FR7 Gamma-Glutamine 7AMC
FR8 4MU Bis-Phosphate
FR9 4MU Beta-D-Glucuronide
FR10 4MU Beta-D-Galactopyranoside
FR12 4MU 2-Acetamido-2-Deoxyglucopyranoside Plus 4MU Alpha-L-Arabinopyranoside

4MU represents 4 methyl umbelliferone
7AMC represents 7 methyl coumarin amide

	1	2	3	4	5	6	7	8	9	10	11	12
A	FR1*	UREA*	ORNI-THINE	SORB-ITOL	FR1*	UREA*	ORNI-THINE	SORB-ITOL	FR1*	UREA*	ORNI-THINE	SORB-ITOL
B	XYL-OSE	FR12	SUCR-OSE	FR9	XYL-OSE	FR12	SUCR-OSE	FR9	XYL-OSE	FR12	SUCR-OSE	FR9
C	FR3	TREHA-LOSE	FR8	MANN-ITOL	FR3	TREHA-LOSE	FR8	MANN-ITOL	FR3	TREHA-LOSE	FR8	MANN-ITOL
D	MALT-OSE	FR4	INOSI-TOL	FR10	MALT-OSE	FR4	INOSI-TOL	FR10	MALT-OSE	FR4	INOSI-TOL	FR10
E	FR5	FRUCT-OSE	AESCU-LIN	ARABI-TOL	FR5	FRUCT-OSE	AESCU-LIN	ARABI-TOL	FR5	FRUCT-OSE	AESCU-LIN	ARABI-TOL
F	ARABI-NOSE	LYSINE	TDA	RAFFIN-OSE	ARABI-NOSE	LYSINE	TDA	RAFFIN-OSE	ARABI-NOSE	LYSINE	TDA	RAFFIN-OSE
G	FR7	ARGIN-INE	FR6	CELLO-BIOSE	FR7	ARGIN-INE	FR6	CELLO-BIOSE	FR7	ARGIN-INE	FR6	CELLO-BIOSE
H	MALO-NATE	PYRU-VATE	CIT-RATE	AGMA-TINE	MALO-NATE	PYRU-VATE	CIT-RATE	AGMA-TINE	MALO-NATE	PYRU-VATE	CIT-RATE	AGMA-TINE

*FR1 AND UREA REQUIRE AN OIL OVERLAY OF STERILE MINERAL OIL

GPID - Gram-Positive Identification

Biochemical Reagents

FR13 4MU Beta-D-Galactopyranoside
FR16 4MU Beta-D-Ribofuranoside
FR15 Alanine 7AMC
FR14 4MU Beta-D-Glucopyranoside
FR17 D-Alanine 7AMC
FR18 4MU Beta-D-Mannopyranoside
FR19 Ornithine 7AMC
FR20 Arginine 7AMC
FR21 4MU Beta-D-Glucuronide
FR22 4MU Alpha-D-Glucopyranoside
FR23 Cysteine 7AMC
FR24 Threonine 7AMC
FR25 Methionine 7AMC
FR26 Proline 7AMC
FR27 Serine 7AMC
FR28 Citruline 7AMC
FR29 Pyroglutamate 7AMC
FR30 Tyrosine 7AMC
FR31 Leucine 7AMC
FR32 Valine 7AMC

4MU represents 4 methyl umbelliferone
7AMC represents 7 methyl coumarin amide

	1	2	3	4	5	6	7	8	9	10	11	12
A	URE-AS*	AESCU-LIN	ARGI-NINE	FR13	URE-ASE*	AESCU-LIN	ARGI-NINE	FR13	URE-ASE*	AESCU-LIN	ARGI-NINE	FR13
D	FR16	RHAM-NOSE	FR15	MANNI-TOL	FR16	RHAM-NOSE	FR15	MANNI-TOL	FR16	RHAM-NOSE	FR15	MANNI-TOL
C	FR14	TREHA-LOSE	FR17	MAL-TOSE	FR14	TREHA-LOSE	FR17	MAL-TOSE	FR14	TREHA-LOSE	FR17	MAL-TOSE
D	FR18	FR19	FR20	FR21	FR18	FR19	FR20	FR21	FR18	FR19	FR20	FR21
E	FR22	FR23	GLY-CEROL	FR24	FR22	FR23	GLY-CEROL	FR24	FR22	FR23	GLY-CEROL	FR24
F	FR25	GLU-COSE	SU-CROSE	FR26	FR25	GLU-COSE	SU-CROSE	FR26	FR25	GLU-COSE	SU-CROSE	FR26
G	FR27	BMETHY LGLUCO SIDE	FR28	FR29	FR27	BMETHY LGLUCO SIDE	FR28	FR29	FR27	BMETHY LGLUCO SIDE	FR28	FR29
H	SORBI-TOL	FR30	FR31	FR32	SORBI-TOL	FR30	FR31	FR32	SORBI-TOL	FR30	FR31	FR32

*UREA REQUIRES AN OIL OVERLAY OF STERILE MINERAL OIL

Standard Susceptibility Plates

The Sensititre System offers a full range of standard 96-well microtitre plates for susceptibility testing. MIC plates provide maximum precision and end-point accuracy to track antimicrobial resistance.

- Because Sensititre susceptibility plates contain only antimicrobics, each laboratory can choose the appropriate Sensititre broth for testing, allowing the same panel design to be used for multiple protocols.
- Unique vacuum drying provides greater antimicrobic stability than frozen systems; possible loss of antimicrobic potency due to thawing is eliminated.
- 12 to 24-month shelf life and room temperature storage extends plate convenience.

CAT #	PRODUCT DESCRIPTION
ANO2B†	Anaerobic MIC Plate, 10/box
CAMPY†	Campylobacter MIC Plate, 10/box
ESB1F	ESBL Confirmatory MIC Plate with Substrates in Wells, 10/box
GN1F	Gram-Negative MIC Plate with Substrates in Wells, 10/box
GN2F	Gram-Negative MIC Plate with Substrates in Wells, 10/box
GN3F	Gram Negative MIC Plate with Substrate in Wells, 10/box
GNURF	Gram Negative triple isolate urine Plate with substrate in wells, 10/box
GPN2F	Gram-Positive MIC Plate with Substrates in Wells, 10/box
GPN3F	Gram-Positive MIC with Substrates in Wells, 10/box
GPN4F	Gram Positive MIC Plate with Substrate in Wells, 10/box
HPB	Haemophilus/*Streptococcus pneumoniae*, 10/box *Haemophilus testing requires T3462-05 Mueller-Hinton Broth 5 ml Fill and T3470 HTM Broth; Streptococcus pneumoniae testing requires T3462-05 Mueller-Hinton Broth 5 ml Fill and CP112-10 Mueller-Hinton Broth with Lysed Horse Blood.*
MAISLOW†	Mycobacteria Slow Growers MIC Plate, 10/box *Requires T3339 Demineralized Water and T8005 Cation Adjusted Muller-Hinton Broth with OADC Growth Supplement.*
NF	Gram-Negative MIC Plate, 10/box
RGMYCO†	Mycobacteria Rapid Growers MIC Plate, 10/box *Requires T3339 Demineralized Water and T3462 Cation Adjusted Mueller-Hinton Broth.*
STP3F	*Streptococcus* spp. MIC Plate with Substrates in Wells, 10/box *Requires T3462-05 Mueller-Hinton Broth 5 ml Fill and CP112-10 Mueller-Hinton Broth with Lysed Horse Blood 11 ml.*
STP5F	*Streptococcus* spp. MIC Plate with Substrates in Wells, 10/box *Requires T3462-05 Mueller-Hinton Broth 5 ml Fill and CP112-10 Mueller-Hinton Broth with Lysed Horse Blood 11 ml.*
YO-2	YeastOne® Plate for *in vitro* diagnostic use, 10/box *Requires Y3462 YeastOne Broth and T3339 Demineralized Water*
YO-6†	YeastOne Plate with Caspofungin and Posaconazole *for research use only*, 10/box *Requires Y3462 YeastOne Broth and T3339 Demineralized Water*

† *For research use only. Not yet available for sale in the US for* in vitro *diagnostic use.*

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Standard Susceptibility Plate Layouts

*AN02B – Anaerobic MIC Plate

	Antimicrobics		Dilution Range
A/S	Ampicillin/sulbactam		0.5/0.25 - 16/8
AUG	Amoxicillin/clavulanic acid		0.5/0.25 - 16/8
AMP	Ampicillin		0.5 - 16
TANS	Cefotetan		4 - 64
FOX	Cefoxitin		1 - 32
CHL	Chloramphenicol		2 - 64
CLI	Clindamycin		0.25 - 8
IMI	Imipenem		0.12 - 8
MERO	Meropenem		0.5 - 8
MRD	Metronidazole		0.5 - 16
MEZ	Mezlocillin		4 -128
PEN	Penicillin		0.06 - 4
PIP	Piperacillin		4 - 128
P/T	Piperacillin/tazobactam		0.25/4 - 128/4
TET	Tetracycline		0.25 - 8
POS	Positive Control		

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

	1	2	3	4	5	6	7	8	9	10	11	12
A	A/S 0.5/0.25	A/S 1/0.5	A/S 2/1	A/S 4/2	A/S 8/4	A/S 16/8	AUG 0.5/0.25	AUG 1/0.5	AUG 2/1	AUG 4/2	AUG 8/4	AUG 16/8
B	TANS 4	TANS 8	TANS 16	TANS 32	TANS 64	PEN 0.06	PEN 0.12	PEN 0.25	PEN 0.5	PEN 1	PEN 2	PEN 4
C	IMI 0.12	IMI 0.25	IMI 0.5	IMI 1	IMI 2	IMI 4	IMI 8	MERO 0.5	MERO 1	MERO 2	MERO 4	MERO 8
D	CLI 0.25	CLI 0.5	CLI 1	CLI 2	CLI 4	CLI 8	FOX 1	FOX 2	FOX 4	FOX 8	FOX 16	FOX 32
E	MRD 0.5	MRD 1	MRD 2	MRD 4	MRD 8	MRD 16	CHL 2	CHL 4	CHL 8	CHL 16	CHL 32	CHL 64
F	AMP 0.5	AMP 1	AMP 2	AMP 4	AMP 8	AMP 16	PIP 4	PIP 8	PIP 16	PIP 32	PIP 64	PIP 128
G	TET 0.25	TET 0.5	TET 1	TET 2	TET 4	TET 8	MEZ 4	MEZ 8	MEZ 16	MEZ 32	MEZ 64	MEZ 128
H	P/T 0.25/4	P/T 0.5/4	P/T 1/4	P/T 2/4	P/T 4/4	P/T 8/4	P/T 16/4	P/T 32/4	P/T 64/4	P/T 128/4	POS	POS

*CAMPY - *Campylobacter* MIC Plate

	Antimicrobics		Dilution Range
AZI	Azithromycin		0.15 - 64
CIP	Ciprofloxacin		0.15 - 64
ERY	Erythromycin		0.03 - 64
GEN	Gentamicin		0.12 - 32
TET	Tetracycline		0.06 - 64
FFN	Florfenicol		0.03 - 64
NAL	Nalidixic Acid		4 - 64
TEL	Telithromycin		0.015 - 8
CLI	Clindamycin		0.03 - 16
POS	Positive Control		

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

	1	2	3	4	5	6	7	8	9	10	11	12
A	AZI 0.015	AZI 0.03	AZI 0.06	AZI 0.12	AZI 0.25	AZI 0.5	AZI 1	AZI 2	AZI 4	AZI 8	AZI 16	AZI 32
B	AZI 64	CIP 0.015	CIP 0.03	CIP 0.06	CIP 0.12	CIP 0.25	CIP 0.5	CIP 1	CIP 2	CIP 4	CIP 8	CIP 16
C	CIP 32	CIP 64	ERY 0.03	ERY 0.06	ERY 0.12	ERY 0.25	ERY 0.5	ERY 1	ERY 2	ERY 4	ERY 8	ERY 16
D	ERY 32	ERY 64	GEN 0.12	GEN 0.25	GEN 0.5	GEN 1	GEN 2	GEN 4	GEN 8	GEN 16	GEN 32	TET 0.06
E	TET 0.12	TET 0.25	TET 0.5	TET 1	TET 2	TET 4	TET 8	TET 16	TET 32	TET 64	FFN 0.03	FFN 0.06
F	FFN 0.12	FFN 0.25	FFN 0.5	FFN 1	FFN 2	FFN 4	FFN 8	FFN 16	FFN 32	FFN 64	NAL 4	NAL 8
G	NAL 16	NAL 32	NAL 64	TEL 0.015	TEL 0.03	TEL 0.06	TEL 0.12	TEL 0.25	TEL 0.5	TEL 1	TEL 2	TEL 4
H	TEL 8	CLI 0.03	CLI 0.06	CLI 0.12	CLI 0.25	CLI 0.5	CLI 1	CLI 2	CLI 4	CLI 8	CLI 16	POS

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Standard Susceptibility Plate Layouts

ESB1F - ESBL Confirmatory MIC Plate

Antimicrobics		Dilution Range
FAZ	Cefazolin	8 - 16
FEP	Cefepime	1- 16
FOX	Cefoxitin	4 - 64
MERO	Meropenem	1 - 8
CEP	Cephalothin	8 - 16
POD	Cefpodoxime	0.5 - 64
AXO	Ceftriaxone	1 - 128
CIP	Ciprofloxacin	1 -2
GEN	Gentamicin	4 -16
AMP	Ampicillin	8 - 16
IMI	Imipenem	0.5 - 16
P/T	Piperacillin/Tazobactam	4/4 - 64/4
TAZ	Ceftazidime	0.25 - 128
T/C	Ceftazidime/Clavulanic Acid	0.25/4 - 128/4
FOT	Cefotaxime	0.25 - 64
F/C	Cefotaxime/Clavulanic Acid	0.25/4 - 64/4
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	AXO 1	AXO 2	AXO 4	AXO 8	AXO 16	AXO 32	AXO 64	AXO 128	MERO 1	MERO 2	MERO 4	MERO 8
B	CEP 8	CEP 16	POD 0.25	POD 0.5	POD 1	POD 2	POD 4	POD 8	POD 16	POD 32	CIP 1	CIP 2
C	FOT 0.25	FOT 0.5	FOT 1	FOT 2	FOT 4	FOT 8	FOT 16	FOT 32	FOT 64	GEN 4	GEN 8	GEN 16
D	F/C 0.12/4	F/C 0.25/4	F/C 0.5/4	F/C 1/4	F/C 2/4	F/C 4/4	F/C 8/4	F/C 16/4	F/C 32/4	F/C 64/4	AMP 8	AMP 16
E	TAZ 0.25	TAZ 0.5	TAZ 1	TAZ 2	TAZ 4	TAZ 8	TAZ 16	TAZ 32	TAZ 64	TAZ 128	FAZ 8	FAZ 16
F	T/C 0.12/4	T/C 0.25/4	T/C 0.5/4	T/C 1/4	T/C 2/4	T/C 4/4	T/C 8/4	T/C 16/4	T/C 32/4	T/C 64/4	T/C 128/4	POS
G	IMI 0.5	IMI 1	IMI 2	IMI 4	IMI 8	IMI 16	P/T 4/4	P/T 8/4	P/T 16/4	P/T 32/4	P/T 64/4	POS
H	FEP 1	FEP 2	FEP 4	FEP 8	FEP 16	FOX 4	FOX 8	FOX 16	FOX 32	FOX 64	NEG	POS

GN1F - Gram-Negative MIC Plate

Antimicrobics		Dilution Range
AMI	Amikacin	8 - 64
AMP	Ampicillin	4 - 32
A/SZ	Ampicillin/sulbactam	4/2 - 32/16
AZT	Aztreonam	4 - 32
FAZ	Cefazolin	4 - 32
FEP	Cefepime	4 - 32
TANS	Cefotetan	8 - 32
POD	Cefpodoxime	1 - 32
AXO	Ceftriaxone	4 - 64
TAZ	Ceftazidime	4 - 32
FOX	Cefoxitin	4 - 32
FUR	Cefuroxime	4 - 32
CIP	Ciprofloxacin	0.5 - 4
GAT	Gatifloxacin	1 - 8
GEN	Gentamicin	2 - 16
IMI	Imipenem	2 - 16
MERO	Meropenem	1 - 8
NIT	Nitrofurantoin	16 - 128
PIP	Piperacillin	16 - 128
P/T	Piperacillin/Tazobactam	16/4 - 128/4
TIM	Ticarcillin/Clavulanic Acid	6/2 - 64/2
TOB	Tobramycin	2 - 8
SXT	Trimethoprim/sulfamethoxazole	0.5/9.5 - 4/76
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	AMI 64	A/S 32/16	FAZ 32	TANS 32	TAZ 32	FUR 32	GEN 16	GAT 8	NIT 128	P/T 128/4	TOB 8	POD 32
B	AMI 32	A/S 16/8	FAZ 16	TANS 16	TAZ 16	FUR 16	GEN 8	GAT 4	NIT 64	P/T 64/4	TOB 4	POD 16
C	AMI 16	A/S 8/4	FAZ 8	TANS 8	TAZ 8	FUR 8	GEN 4	GAT 2	NIT 32	P/T 32/4	TOB 2	POD 8
D	AMI 8	A/S 4/2	FAZ 4	AXO 64	TAZ 4	FUR 4	GEN 2	GAT 1	NIT 16	P/T 16/4	SXT 4/76	POD 4
E	AMP 32	AZT 32	FEP 32	AXO 32	FOX 32	CIP 4	IMI 16	MERO 8	PIP 128	TIM 64/2	SXT 2/38	POD 2
F	AMP 16	AZT 16	FEP 16	AXO 16	FOX 16	CIP 2	IMI 8	MERO 4	PIP 64	TIM 32/2	SXT 1/19	POD 1
G	AMP 8	AZT 8	FEP 8	AXO 8	FOX 8	CIP 1	IMI 4	MERO 2	PIP 32	TIM 16/2	SXT 0.5/9.5	NEG
H	AMP 4	AZT 4	FEP 4	AXO 4	FOX 4	CIP 0.5	IMI 2	MERO 1	PIP 16	POS	POS	POS

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Standard Susceptibility Plate Layouts

GN2F - Gram-Negative MIC Plate

Antimicrobics		Dilution Range
AMI	Amikacin	8 - 64
AMP	Ampicillin	4 - 32
A/S2	Ampicillin / sulbactam	4/2 - 32/16
AZT	Aztreonam	8 - 32
FAZ	Cefazolin	4 - 32
FEP	Cefepime	4 - 32
TANS	Cefotetan Na	8 - 32
AXO	Ceftriaxone	1 - 64
TAZ	Ceftazidime	1 - 32
FOX	Cefoxitin	4 - 32
FUR	Cefuroxime	4 - 32
CIP	Ciprofloxacin	0.5 - 4
GEN	Gentamicin	2 - 16
IMI	Imipenem	2 - 16
GAT	Gatifloxacin	1 - 8
MERO	Meropenem	1 - 8
PIP	Piperacillin	16 - 128
NIT	Nitrofurantoin	16 - 128
P/T4	Piperacillin / tazobactam	16/4 - 128/4
TIM2	Ticarcillin / clavulanic acid	16/2 -64/2
TOB	Tobramycin	4 - 8
SXT	Trimethoprim/Sulfamethoxazole	0.5/9.5 - -4/76
POD	Cefpodoxime	2 - 16
NEG	Negative Control	
POS	Positive Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	AMI 64	A/S 32/16	FAZ 16	TANS 16	AXO 1	FUR 16	GAT 4	GEN 8	NIT 64	PIP 64	TIM 64/2	TOB 8
B	AMI 32	A/S 16/8	FAZ 8	TANS 8	TAZ 32	FUR 8	GAT 2	GEN 4	NIT 32	PIP 32	TIM 32/2	TOB 4
C	AMI 16	A/S 8/4	FAZ 4	AXO 64	TAZ 16	FUR 4	GAT 1	GEN 2	NIT 16	PIP 16	TIM 16/2	POD 16
D	AMI 8	A/S 4/2	FEP 32	AXO 32	TAZ 8	CIP 4	MERO 8	IMI 16	FOX 32	P/T 128/4	SXT 4/76	POD 8
E	AMP 32	AZT 32	FEP 16	AXO 16	TAZ 4	CIP 2	MERO 4	IMI 8	FOX 16	P/T 64/4	SXT 2/38	POD 4
F	AMP 16	AZT 16	FEP 8	AXO 8	TAZ 2	CIP 1	MERO 2	IMI 4	FOX 8	P/T 32/4	SXT 1/19	POD 2
G	AMP 8	AZT 8	FEP 4	AXO 4	TAZ 1	CIP 0.5	MERO 1	IMI 2	FOX 4	P/T 16/4	SXT 0.5/9.5	NEG
H	AMP 4	FAZ 32	TANS 32	AXO 2	FUR 32	GAT 8	GEN 16	NIT 128	PIP 128	POS	POS	POS

GN3F - Gram-Negative MIC Plate

Antimicrobics		Dilution Range
AMI	Amikacin	8 - 64
AMP	Ampicillin	4 - 32
A/S	Ampicillin/sulbactam	4/2 - 32/16
AZT	Aztreonam	4 - 32
FAZ	Cefazolin	4 - 32
FEP	Cefepime	4 - 32
CEP	Cephalothin	2 -16
MERO	Meropenem	1 - 8
ETP	Ertapenem	2 -16
FUR	Cefuroxime	4 - 32
GEN	Gentamicin	2 - 16
CIP	Ciprofloxacin	0.5 - 4
P/T4	Piperacillin/tazobactam constant 4	16/4 - 128/4
FOX	Cefoxitin	4 - 32
SXT	Trimethoprim/sulfamethoxazole	0.5/9.5 - 4/76
POD	Cefpodoxime	2 - 16
TAZ	Ceftazidime	1 - 32
TOB	Tobramycin	4 - 8
TGC	Tigecycline	1 - 8
TIM2	Ticarcillin/clavulanic acid constant 2	16/2 - 64/2
AXO	Ceftriaxone	1 - 64
TET	Tetracycline	0.5 - 16
NEG	Negative Control	
POS	Positive Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	AMI 64	A/S 32/16	FAZ 32	CEP 16	ETP 16	GEN 16	P/T4 128/4	SXT 4/76	TAZ 32	TGC 8	AXO 64	TET 16
B	AMI 32	A/S 16/8	FAZ 16	CEP 8	ETP 8	GEN 8	P/T4 64/4	SXT 2/38	TAZ 16	TGC 4	AXO 32	TET 8
C	AMI 16	A/S 8/4	FAZ 8	CEP 4	ETP 4	GEN 4	P/T4 32/4	SXT 1/19	TAZ 8	TGC 2	AXO 16	TET 4
D	AMI 8	A/S 4/2	FAZ 4	CEP 2	ETP 2	GEN 2	P/T4 16/4	SXT 0.5/9.5	TAZ 4	TGC 1	AXO 8	TET 2
E	AMP 32	AZT 32	FEP 32	MERO 8	FUR 32	CIP 4	FOX 32	POD 16	TAZ 2	TIM2 64/2	AXO 4	TET 1
F	AMP 16	AZT 16	FEP 16	MERO 4	FUR 16	CIP 2	FOX 16	POD 8	TAZ 1	TIM2 32/2	AXO 2	TET 0.5
G	AMP 8	AZT 8	FEP 8	MERO 2	FUR 8	CIP 1	FOX 8	POD 4	TOB 8	TIM2 16/2	AXO 1	NEG CON
H	AMP 4	AZT 4	FEP 4	MERO 1	FUR 4	CIP 0.5	FOX 4	POD 2	TOB 4	POS CON	POS CON	POS CON

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Standard Susceptibility Plate Layouts

GNURF - Gram-Negative MIC Plate

Antimicrobics		Dilution Range
AMP	Ampicillin	8 - 32
SXT	Trimethoprim / sulfamethoxazole	0.519.5 - 4/76
NIT	Nitrofurantoin	32 - 128
CIP	Ciprofloxacin	1 - 4
FEP	Cefepime	4 - 32
AUG2	Amoxicillin / clavulanic acid 2:1 ratio	8/4 - 32/16
CAR	Carbenicillin	16 - 64
AXO	Ceftriaxone	8 - 64
GEN	Gentamicin	8 - 16
NEG	Negative Control	
POS	Positive Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	NEG	POS	POS	POS	NEG	POS	POS	POS	NEG	POS	POS	POS
B	SXT 0.5/9.5	SXT 2/38	SXT 4/76	FEP 32	SXT 0.5/9.5	SXT 2/38	SXT 4/76	FEP 32	SXT 0.5/9.5	SXT 2/38	SXT 4/76	FEP 32
C	NIT 32	NIT 64	NIT 128	FEP 16	NIT 32	NIT 64	NIT 128	FEP 16	NIT 32	NIT 64	NIT 128	FEP 16
D	CIP 1	CIP 2	CIP 4	FEP 8	CIP 1	CIP 2	CIP 4	FEP 8	CIP 1	CIP 2	CIP 4	FEP 8
E	AUG2 8/4	AUG2 16/8	AUG2 32/16	FEP 4	AUG2 8/4	AUG2 16/8	AUG2 32/16	FEP 4	AUG2 8/4	AUG2 16/8	AUG2 32/16	FEP 4
F	AMP 8	AMP 16	AMP 32	GEN 16	AMP 8	AMP 16	AMP 32	GEN 16	AMP 8	AMP 16	AMP 32	GEN 16
G	CAR 16	CAR 32	CAR 64	GEN 8	CAR 16	CAR 32	CAR 64	GEN 8	CAR 16	CAR 32	CAR 64	GEN 8
H	AXO 8	AXO 16	AXO 32	AXO 64	AXO 8	AXO 16	AXO 32	AXO 64	AXO 8	AXO 16	AXO 32	AXO 64

GPN2F - Gram-Positive MIC Plate

Antimicrobics		Dilution Range
AMP	Ampicillin	0.12 - 16
FAZ	Cefazolin	2 - 16
AXO	Ceftriaxone	8 - 64
CIP	Ciprofloxacin	0.5 - 2
CLA	Clarithromycin	1 - 8
CLI	Clindamycin	0.5 - 4
ERY	Erythromycin	0.25 -8
GAT	Gatifloxacin	1 - 8
GEN	Gentamicin	2 -1 6,500
LEVO	Levofloxacin	0.25 - 8
OXAT	Oxacillin+2%NaCl	0.25 - 8
PEN	Penicillin	0.06 - 8
SYN	Quinupristin/Dalfopristin	0.12 - 4
RIF	Rifampin	0.5 - 4
STR	Streptomycin	1000
TET	Tetracycline	2 - 16
SXT	Trimethoprim/sulfamethoxazole	0.5/9.5 - 4/76
VAN	Vancomycin	1 - 32
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	ERY 0.25	ERY 0.5	ERY 1	ERY 2	ERY 4	ERY 8	CLA 1	CLA 2	CLA 4	CLA 8	GEN 500	STR 1000
B	VAN 1	VAN 2	VAN 4	VAN 8	VAN 16	VAN 32	SYN 0.12	SYN 0.25	SYN 0.5	SYN 1	SYN 2	SYN 4
C	CLI 0.5	CLI 1	CLI 2	CLI 4	FAZ 2	FAZ 4	FAZ 8	FAZ 16	TET 2	TET 4	TET 8	TET 16
D	AMP 0.12	AMP 0.25	AMP 0.5	AMP 1	AMP 2	AMP 4	AMP 8	AMP 16	GEN 2	GEN 4	GEN 8	GEN 16
E	RIF 0.5	LEVO 0.25	LEVO 0.5	LEVO 1	LEVO 2	LEVO 4	LEVO 8	LZD 0.5	LZD 1	LZD 2	LZD 4	LZD 8
F	RIF 1	PEN 0.06	PEN 0.12	PEN 0.25	PEN 0.5	PEN 1	PEN 2	PEN 4	PEN 8	CIP 0.5	CIP 1	CIP 2
G	RIF 2	SXT 1/19	SXT 2/38	SXT 4/76	AXO 8	AXO 16	AXO 32	AXO 64	GAT 1	GAT 2	GAT 4	GAT 8
H	RIF 4	SXT 0.5/9.5	OXA+ 0.25	OXA+ 0.5	OXA+ 1	OXA+ 2	OXA+ 4	OXA+ 8	NEG	POS	POS	POS

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Standard Susceptibility Plate Layouts

GPN3F - Gram-Positive MIC Plate

Antimicrobics		Dilution Range
ERY	Erythromycin	0.75 - 4
CLI	Clindamycin	0.12 - 2
SYN	Quinupristin/dalfopristin	0.12 - 4
DAP	Daptomycin	0.25 - 8
VAN	Vancomycin	1 - 128
TET	Tetracycline	2 - 16
AMP	Ampicillin	0.12 - 16
GEN	Gentamicin	2 - 16
LEVO	Levofloxacin	0.25 - 8
LZD	Linezolid	0.5 - 8
AXO	Ceftriaxone	8 - 64
STR	Streptomycin	1000
PEN	Penicillin	0.06 - 8
RIF	Rifampin	0.5 - 4
GAT	Gatifloxacin	1 - 8
CIP	Ciprofloxacin	0.5 - 2
SXT	Trimethoprim/sulfamethoxazole	0.5/9.5
OXA+	Oxacillin+2%NaCL	0.25 - 8
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	ERY 0.25	ERY 0.5	ERY 1	ERY 2	ERY 4	CLI 0.12	CLI 0.25	CLI 0.5	CLI 1	CLI 2	GEN 500	STR 1000
B	SYN 0.12	SYN 0.25	SYN 0.5	SYN 1	SYN 2	SYN 4	DAP 0.25	DAP 0.5	DAP 1	DAP 2	DAP 4	DAP 8
C	VAN 1	VAN 2	VAN 4	VAN 8	VAN 16	VAN 32	VAN 64	VAN 128	TET 2	TET 4	TET 8	TET 16
D	AMP 0.12	AMP 0.25	AMP 0.5	AMP 1	AMP 2	AMP 4	AMP 8	AMP 16	GEN 2	GEN 4	GEN 8	GEN 16
E	RIF 0.5	LEVO 0.25	LEVO 0.5	LEVO 1	LEVO 2	LEVO 4	LEVO 8	LZD 0.5	LZD 1	LZD 2	LZD 4	LZD 8
F	RIF 1	PEN 0.06	PEN 0.12	PEN 0.25	PEN 0.5	PEN 1	PEN 2	PEN 4	PEN 8	CIP 0.5	CIP 1	CIP 2
G	RIF 2	SXT 1/19	SXT 2/38	SXT 4/76	AXO 8	AXO 16	AXO 32	AXO 64	GAT 1	GAT 2	GAT 4	GAT 8
H	RIF 4	SXT 0.5/9.5	OXA+ 0.25	OXA+ 0.5	OXA+ 1	OXA+ 2	OXA+ 4	OXA+ 8	NEG	POS	POS	POS

GPN4F - Gram-Positive MIC Plate

Antimicrobics		Dilution Range
ERY	Erythromycin	0.25 - 4
CLI	Clindamycin	0.5 - 2
SYN	Quinupristin / dalfopristin	0.5 - 4
DAP	Daptomycin	0.5 - 4
VAN	Vancomycin	1 - 32
TET	Tetracycline	2 - 16
AMP	Ampicillin	0.12 - 8
GEN	Gentamicin	2 - 16.500
TEL	Telithromycin	0.25 - 2
LZD	Linezolid	1 - 8
TGC	Tigecycline	0.03 - 0.5
PEN	Penicillin	0.06 - 8
RIF	Rifampin	0.5 - 4
GEM	Gemifloxacin	0.015 - 0.25
SXT	Trimethoprim / sulfamethoxazole	0.519.5 - 4/76
OXA+	Oxacillin+2%NaCL	0.25 - 8
MXF	Moxifloxacin	0.25 - 4
CHL	Chloramphenicol	2 - 16
NIT	Nitrofurantoin	32 - 64
CIP	Ciprofloxacin	1 - 2
STR	Streptomycin	1000
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	ERY 0.25	ERY 0.5	ERY 1	ERY 2	ERY 4	CLI 0.5	CLI 1	CLI 2	SYN 0.5	SYN 1	SYN 2	SYN 4
B	GEN 500	STR 1000	TEL 0.25	TEL 0.5	TEL 1	TEL 2	VAN 1	VAN 2	VAN 4	VAN 8	VAN 16	VAN 32
C	DAP 0.5	DAP 1	DAP 2	DAP 4	LZD 1	LZD 2	LZD 4	LZD 8	TET 2	TET 4	TET 8	TET 16
D	AMP 0.12	AMP 0.25	AMP 0.5	AMP 1	AMP 2	AMP 4	AMP 8	MXF 0.25	MXF 0.5	MXF 1	MXF 2	MXF 4
E	GEN 2	GEN 4	GEN 8	GEN 16	RIF 0.5	RIF 1	RIF 2	RIF 4	SXT 0.5/9.5	SXT 1/19	SXT 2/38	SXT 4/76
F	TGC 0.03	TGC 0.06	TGC 0.12	TGC 0.25	TGC 0.5	CHL 2	CHL 4	CHL 8	CHL 16	NIT 32	NIT 64	NEG
G	GEM 0.015	GEM 0.03	GEM 0.06	GEM 0.12	GEM 0.25	OXA+ 0.25	OXA+ 0.5	OXA+ 1	OXA+ 2	OXA+ 4	OXA+ 8	POS
H	PEN 0.06	PEN 0.12	PEN 0.25	PEN 0.5	PEN 1	PEN 2	PEN 4	PEN 8	CIP 1	CIP 2	POS	POS

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Standard Susceptibility Plate Layouts

HPB – *Haemophilus/Streptococcus pneumoniae* MIC Plate

Antimicrobics		Dilution Range
AUG	Amoxicillin/Clavulanic Acid	2/1 - 16/8
AMP	Ampicillin	0.12 - 4
A/S	Ampicillin/Sulbactam	1/0.5 - 2/1
FAC	Cefaclor	4 - 16
FEP	Cefepime	0.12 - 2
FIX	Cefixime	0.12 - 1
AXO	Ceftriaxone	0.03 - 2
FUR	Cefuroxime	0.5 - 8
CHL	Chloramphenicol	0.5 - 4
CLA	Clarithromycin	0.12 - 16
ERY	Erythromycin	0.25 - 0.5
IMI	Imipenem	0.5 - 4
LEVO	Levofloxacin	0.03 - 4
MERO	Meropenem	0.06 - 2
PEN	Penicillin	0.015 - 1
SPA	Sparfloxacin	0.03 - 1
TET	Tetracycline	0.25 - 4
SXT	Trimethoprim/sulfamethoxazole	0.06/1.19 - 2/38
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	LEVO 4	CLA 16	PEN 1	AXO 2	AMP 4	SPA 1	COT 2/38	MERO 2	FUR 8	TET 4	CHL 4	AUG 16/8
B	LEVO 2	CLA 8	PEN 0.5	AXO 1	AMP 2	SPA 0.5	COT 1/19	MERO 1	FUR 4	TET 2	CHL 2	AUG 8/4
C	LEVO 1	CLA 4	PEN 0.25	AXO 0.5	AMP 1	SPA 0.25	COT 0.5/9.5	MERO 0.5	FUR 2	TET 1	CHL 1	AUG 4/2
D	LEVO 0.5	CLA 2	PEN 0.12	AXO 0.25	AMP 0.5	SPA 0.12	COT .25/4.75	MERO 0.25	FUR 1	TET 0.5	CHL 0.5	AUG 2/1
E	LEVO 0.25	CLA 1	PEN 0.06	AXO 0.12	AMP 0.25	SPA 0.06	COT .12/2.38	MERO 0.12	FUR 0.5	TET 0.25	ERY 0.25	ERY 0.5
F	LEVO 0.12	CLA 0.5	PEN 0.03	AXO 0.06	AMP 0.12	SPA 0.03	COT .06/1.19	MERO 0.06	FIX 0.12	FIX 0.25	FIX 0.5	FIX 1
G	LEVO 0.06	CLA 0.25	PEN 0.015	AXO 0.03	FEP 0.12	FEP 0.25	FEP 0.5	FEP 1	FEP 2	A/S 1/0.5	A/S 2/1	NEG CTRL
H	LEVO 0.03	CLA 0.12	FAC 4	FAC 8	FAC 16	IMI 0.5	IMI 1	IMI 2	IMI 4	POS CTRL	POS CTRL	POS CTRL

*MAISLOW - Mycobacteria Slow Growers MIC Plate

Antimicrobics		Dilution Range
CIP	Ciprofloxacin	16 - 0.12
GAT	Gatifloxacin	8 - 0.06
MXF	Moxifloxacin	8 - 0.06
LZD	Linezolid	64 - 0.5
RIF	Rifampin	8 - 0.06
ANS	Ansamycin	8 - 0.06
SXT	Trimethoprim/sulfamethoxazole	8/152 - 0.06/1.19
EMB	Ethambutol	32 - 0.5
MIN	Minocycline	32 - 0.5
CLA	Clarithromycin	64 - 0.5
AMI	Amikacin	64 - 0.5
STR	Streptomycin	64 - 0.5
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	CIP 16	GAT 8	MXF 8	LZD 64	RIF 8	ANS 8	SXT 8/152	MIN 32	EMB 32	CLA 64	AMI 64	STR 64
B	CIP 8	GAT 4	MXF 4	LZD 32	RIF 4	ANS 4	SXT 4/76	MIN 16	EMB 16	CLA 32	AMI 32	STR 32
C	CIP 4	GAT 2	MXF 2	LZD 16	RIF 2	ANS 2	SXT 2/38	MIN 8	EMB 8	CLA 16	AMI 16	STR 16
D	CIP 2	GAT 1	MXF 1	LZD 8	RIF 1	ANS 1	SXT 1/19	MIN 4	EMB 4	CLA 8	AMI 8	STR 8
E	CIP 1	GAT 0.5	MXF 0.5	LZD 4	RIF 0.5	ANS 0.5	SXT 0.5/9.5	MIN 2	EMB 2	CLA 4	AMI 4	STR 4
F	CIP 0.5	GAT 0.25	MXF 0.25	LZD 2	RIF 0.25	ANS 0.25	SXT 0.25/4.75	MIN 1	EMB 1	CLA 2	AMI 2	STR 2
G	CIP 0.25	GAT 0.12	MXF 0.12	LZD 1	RIF 0.12	ANS 0.12	SXT 0.12/2.38	MIN 0.5	EMB 0.5	CLA 1	AMI 1	STR 1
H	CIP 0.12	GAT 0.06	MXF 0.06	LZD 0.5	RIF 0.06	ANS 0.06	SXT 0.06/1.19	NEG	POS	CLA 0.5	AMI 0.5	STR 0.5

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

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Standard Susceptibility Plate Layouts

NF – Gram-Negative Non-Fermenters Plate

Antimicrobics		Dilution Range
TAZ	Ceftazidime	1 - 16
GEN	Gentamicin	1 - 8
PIP	Piperacillin	8 - 64
P/T	Piperacillin/Tazobactam	8/4 - 64/4
AMI	Amikacin	4 - 32
FEP	Cefepime	2 - 16
FOP	Cefoperazone	4 - 32
LOM	Lomefloxacin	0.5 - 4
IMI	Imipenem	1 - 8
TIM	Ticarcillin/clavulanic acid	16/2 - 128/2
TIC	Ticarcillin	8 - 64
SXT	Trimethoprim/sulfamethoxazole	0.5/9.5 - 4/76
A/S	Ampicillin/sulbactam	2/1 - 16/8
FOT	Cefotaxime	4 - 32
CHL	Chloramphenicol	2 - 16
TOB	Tobramycin	1 - 8
AXO	Ceftriaxone	4 - 32
LEVO	Levofloxacin	0.5 - 4
FIS	Sulfisoxazole	256
CAR	Carbenicillin	32 - 256
AZT	Aztreonam	2 - 16
CIP	Ciprofloxacin	0.25 - 2
TET	Tetracycline	1 - 8
NEG	Negative Control	
POS	Positive Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	TAZ 16	PIP 64	P/T 64/4	FOP 32	IMI 8	TIC 64	A/S 16/8	CHL 16	AXO 32	CAR 256	CIP 2	GEN 8
B	TAZ 8	PIP 32	P/T 32/4	FOP 16	IMI 4	TIC 32	A/S 8/4	CHL 8	AXO 16	CAR 128	CIP 1	GEN 4
C	TAZ 4	PIP 16	P/T 16/4	FOP 8	IMI 2	TIC 16	A/S 4/2	CHL 4	AXO 8	CAR 64	CIP 0.5	GEN 2
D	TAZ 2	PIP 8	P/T 8/4	FOP 4	IMI 1	TIC 8	A/S 2/1	CHL 2	AXO 4	CAR 32	CIP 0.25	GEN 1
E	TAZ 1	FIS 256	AMI 32	LOM 4	TIM 128/2	SXT 4/76	FOT 32	TOB 8	FEP 16	AZT 16	TET 8	NEG
F	LEVO 4	LEVO 0.12	AMI 16	LOM 2	TIM 64/2	SXT 2/38	FOT 16	TOB 4	FEP 8	AZT 8	TET 4	POS
G	LEVO 2	LEVO 0.25	AMI 8	LOM 1	TIM 32/2	SXT 1/19	FOT 8	TOB 2	FEP 4	AZT 4	TET 2	POS
H	LEVO 1	LEVO 0.5	AMI 4	LOM 0.5	TIM 16/2	SXT 0.5/9.5	FOT 4	TOB 1	FEP 2	AZT 2	TET 1	POS

*RGMYCO - Mycobacteria Rapid Growers MIC Plate

Antimicrobics		Dilution Range
LZD	Linezolid	64 - 1
CLA	Clarithromycin	0.12 - 0.25
AMI	Amikacin	128 - 1
FOX	Cefoxitin	256 - 1
AXO	Ceftriaxone	64 - 1
IMI	Imipenem	64 - 0.5
TOB	Tobramycin	64 - 0.5
CIP	Ciprofloxacin	16 - 0.12
GAT	Gatifloxacin	8 - 0.06
MIN	Minocycline	32 - 0.5
AUG2	Amoxicillin/clavulanic acid	0.25/0.12 - 0.5/0.25
SXT	Trimethoprim/sulfamethoxazole	8/152 - 0.25/4.8
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	LZD 64	CLA 32	AMI 128	FOX 256	AXO 64	IMI 64	TOB 64	CIP 16	GAT 8	MIN 32	AUG 64/32	NEG
B	LZD 32	CLA 16	AMI 64	FOX 128	AXO 32	IMI 32	TOB 32	CIP 8	GAT 4	MIN 16	AUG 32/16	SXT 8/152
C	LZD 16	CLA 8	AMI 32	FOX 64	AXO 16	IMI 16	TOB 16	CIP 4	GAT 2	MIN 8	AUG 16/8	SXT 4/76
D	LZD 8	CLA 4	AMI 16	FOX 32	AXO 8	IMI 8	TOB 8	CIP 2	GAT 1	MIN 4	AUG 8/4	SXT 2/38
E	LZD 4	CLA 2	AMI 8	FOX 16	AXO 4	IMI 4	TOB 4	CIP 1	GAT 0.5	MIN 2	AUG 4/2	SXT 1/19
F	LZD 2	CLA 1	AMI 4	FOX 8	AXO 2	IMI 2	TOB 2	CIP 0.5	GAT 0.25	MIN 1	AUG 2/1	SXT 0.5/9.5
G	LZD 1	CLA 0.5	AMI 2	FOX 4	AXO 1	IMI 1	TOB 1	CIP 0.25	GAT 0.12	MIN 0.5	AUG 1/0.5	SXT 0.25/4.8
H	CLA 0.12	CLA 0.25	AMI 1	FOX 2	FOX 1	IMI 0.5	TOB 0.5	CIP 0.12	GAT 0.06	AUG 0.25/0.12	AUG 0.5/0.25	POS

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

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Standard Susceptibility Plate Layouts

STP3F – *Streptococcus pneumoniae* MIC Plate

Antimicrobics		Dilution Range
AZI	Azithromycin	0.25 - 2
AUG	Amoxicillin/Clavulanic Acid	2/1 - 16/8
FEP	Cefepime	0.12 - 8
FOT	Cefotaxime	0.12 - 4
AXO	Ceftriaxone	0.06 - 2
CHL	Chloramphenicol	2 - 16
FUR	Cefuroxime	0.5 - 4
ERY	Erythromycin	0.25 - 2
GAT	Gatifloxacin	0.5 - 8
GEM	Gemifloxacin	0.03 - 0.5
LEVO	Levofloxacin	0.5 - 16
LZD	Linezolid	0.25 - 4
MERO	Meropenem	0.25 - 2
MXF	Moxifloxacin	0.25 - 8
PEN	Penicillin	0.03 - 8
TET	Tetracyline	0.5 - 8
SXT	Trimethoprim/sulfamethoxazole	0.5/9.5 - 4/76
VAN	Vancomycin	0.5 - 4
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	AZI 2	FOT 0.12	AXO 0.25	CHL 2	GAT 0.5	GEM 0.25	LZD 0.25	MERO 2	PEN 0.06	TET 0.5	SXT 4/76	VAN 4
B	AZI 1	FEP 8	AXO 0.12	FUR 4	ERY 2	GEM 0.12	LEVO 16	MERO 1	PEN 0.03	PEN 8	SXT 2/38	VAN 2
C	AZI 0.5	FEP 4	AXO 0.06	FUR 2	ERY 1	GEM 0.06	LEVO 8	MERO 0.5	MXF 8	PEN 4	SXT 1/19	VAN 1
D	AZI 0.25	FEP 2	FOT 4	FUR 1	ERY 0.5	GEM 0.03	LEVO 4	MERO 0.25	MXF 4	PEN 2	SXT 0.5/9.5	VAN 0.5
E	AUG 16/8	FEP 1	FOT 2	FUR 0.5	ERY 0.25	GAT 8	LEVO 2	LZD 4	MXF 2	PEN 1	TET 8	NEG
F	AUG 8/4	FEP 0.5	FOT 1	AXO 2	CHL 16	GAT 4	LEVO 1	LZD 2	MXF 1	PEN 0.5	TET 4	POS
G	AUG 4/2	FEP 0.25	FOT 0.5	AXO 1	CHL 8	GAT 2	LEVO 0.5	LZD 1	MXF 0.5	PEN 0.25	TET 2	POS
H	AUG 2/1	FEP 0.12	FOT 0.25	AXO 0.5	CHL 4	GAT 1	GEM 0.5	LZD 0.5	MXF 0.25	PEN 0.12	TET 1	POS

STP5F – *Streptococcus pneumoniae* MIC Plate

Antifungal Agents		Dilution Range
FEP	Cefepime	0.5 - 8
FOT	Cefotaxime	0.12 - 4
AXO	Ceftriaxone	0.12 - 2
FUR	Cefuroxime	0.5 - 2
CLI	Clindamycin	0.12 - 1
DAP	Daptomycin	0.06 - 2
ETP	Ertapenem	0.5 - 4
ERY	Erythromycin	0.25 - 2
LEVO	Levofloxacin	0.5 - 16
LZD	Linezolid	0.25 - 4
MERO	Meropenem	0.25 - 2
MXF	Moxifloxacin	1 - 8
PEN	Penicillin	0.03 - 4
CHL	Chloramphenicol	1 - 32
TGC	Tigecycline	0.015 - 0.5
TET	Tetracyline	1 - 8
TEL	Telithromycin	0.5 - 4
SXT	Trimethoprim/sulfamethoxazole	0.5/9.5 - 4/76
VAN	Vancomycin	0.5 - 4
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	FOT 0.12	FOT 0.25	FOT 0.5	FOT 1	FOT 2	FOT 4	TGC 0.015	TGC 0.03	TGC 0.06	TGC 0.12	TGC 0.25	TGC 0.5
B	DAP 0.06	DAP 0.12	DAP 0.25	DAP 0.5	DAP 1	DAP 2	LEVO 0.5	LEVO 1	LEVO 2	LEVO 4	LEVO 8	LEVO 16
C	ERY 0.25	ERY 0.5	ERY 1	ERY 2	MERO 0.25	MERO 0.5	MERO 1	MERO 2	MXF 1	MXF 2	MXF 4	MXF 8
D	TET 1	TET 2	TET 4	TET 8	TEL 0.5	TEL 1	TEL 2	TEL 4	SXT 0.5/9.5	SXT 1/19	SXT 2/38	SXT 4/76
E	VAN 0.5	VAN 1	VAN 2	VAN 4	PEN 0.03	PEN 0.06	PEN 0.12	PEN 0.25	PEN 0.5	PEN 1	PEN 2	PEN 4
F	FEP 0.5	FEP 1	FEP 2	FEP 4	FEP 8	CHL 1	CHL 2	CHL 4	CHL 8	CHL 16	CHL 32	NEG
G	CLI 0.12	CLI 0.25	CLI 0.5	CLI 1	ETP 0.5	ETP 1	ETP 2	ETP 4	FUR 0.5	FUR 1	FUR 2	POS
H	AXO 0.12	AXO 0.25	AXO 0.5	AXO 1	AXO 2	LZD 0.25	LZD 0.5	LZD 1	LZD 2	LZD 4	POS	POS

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Standard Susceptibility Plate Layouts

Antifungal Agents		Dilution Range
FC	5-Flucytosine	0.03 - 64
FZ	Fluconazole	0.125 - 256
IZ	Itraconazole	0.008 - 16
POS	Positive Control	

[1] For *in vitro* diagnostic use.

[1]YO-2 – YeastOne® MIC IVD Plate

	1	2	3	4	5	6	7	8	9	10	11	12
A	POS											
B	FC 0.03	FC 0.06	FC 0.12	FC 0.25	FC 0.5	FC 1	FC 2	FC 4	FC 8	FC 16	FC 32	FC 64
C	FZ 0.12	FZ 0.25	FZ 0.5	FZ 1	FZ 2	FZ 4	FZ 8	FZ 16	FZ 32	FZ 64	FZ 128	FZ 256
D	IZ 0.008	IZ 0.016	IZ 0.03	IZ 0.06	IZ 0.12	IZ 0.25	IZ 0.5	IZ 1	IZ 2	IZ 4	IZ 8	IZ 16
E	POS											
F	FC 0.03	FC 0.25	FC 0.12	FC 0.25	FC 0.5	FC 1	FC 2	FC 4	FC 8	FC 16	FC 32	FC 64
G	FZ 0.12	FZ 0.25	FZ 0.5	FZ 1	FZ 2	FZ 4	FZ 8	FZ 16	FZ 32	FZ 64	FZ 128	FZ 256
H	IZ 0.008	IZ 0.016	IZ 0.03	IZ 0.06	IZ 0.12	IZ 0.25	IZ 0.5	IZ 1	IZ 2	IZ 4	IZ 8	IZ 16

Antimicrobics		Dilution Range
POS	Positive Control	0.0008 - 8
PZ	Posaconazole	0.0008 - 16
AB	Amphotericin B	0.12 - 256
FZ	Fluconazole	0.008 - 16
IZ	Itraconazole	0.008 - 16
KZ	Ketoconazole	0.03 - 64
FC	5-Flucytosine	0.008 - 16
VOR	Voriconazole	0.008 - 16
CAS	Caspofungin	

[2] For research use only. Not for use in diagnostic procedures.

[2]YO-6 YeastOne® MIC Research Use Only Plate

	1	2	3	4	5	6	7	8	9	10	11	12
A	POS	PZ 0.008	PZ 0.015	PZ 0.03	PZ 0.06	PZ 0.12	PZ 0.25	PZ 0.5	PZ 1	PZ 2	PZ 4	PZ 8
B	AB 0.008	AB 0.015	AB 0.03	AB 0.06	AB 0.12	AB 0.25	AB 0.5	AB 1	AB 2	AB 4	AB 8	AB 16
C	FZ 0.12	FZ 0.25	FZ 0.5	FZ 1	FZ 2	FZ 4	FZ 8	FZ 16	FZ 32	FZ 64	FZ 128	FZ 256
D	IZ 0.008	IZ 0.015	IZ 0.03	IZ 0.06	IZ 0.12	IZ 0.25	IZ 0.5	IZ 1	IZ 2	IZ 4	IZ 8	IZ 16
E	KZ 0.008	KZ 0.015	KZ 0.03	KZ 0.06	KZ 0.12	KZ 0.25	KZ 0.5	KZ 1	KZ 2	KZ 4	KZ 8	KZ 16
F	FC 0.03	FC 0.06	FC 0.12	FC 0.25	FC 0.5	FC 1	FC 2	FC 4	FC 8	FC 16	FC 32	FC 64
G	VOR 0.008	VOR 0.015	VOR 0.03	VOR 0.06	VOR 0.12	VOR 0.25	VOR 0.5	VOR 1	VOR 2	VOR 4	VOR 8	VOR 16
H	CAS 0.008	CAS 0.015	CAS 0.03	CAS 0.06	CAS 0.12	CAS 0.25	CAS 0.5	CAS 1	CAS 2	CAS 4	CAS 8	CAS 16

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Custom Susceptibility Plates

Through collaboration with all major pharmaceutical companies, the Sensititre System can offer the most extensive range of antimicrobics available for user-defined custom plates. A selection from over 200 antimicrobics can be incorporated into custom formats configured to meet your testing requirements. Antimicrobic selections are provided for both full range MIC and Breakpoint testing procedures. To meet individual laboratory test requirements, custom susceptibility plates are available in dry format and in frozen format, manufactured to meet CLSI (NCCLS) guidelines. Small minimum order quantities allow for better cost and inventory control.

Note: *Custom susceptibility plates are nonreturnable. Your TREK Customer Service Representative will verify your plate specifications and review the custom plate ordering process to ensure accuracy.*

Dry Format - MIC and Breakpoint

- Custom MIC plates - without substrates in wells - 50µl and 100µl
- Custom Breakpoint plates - without substrates in wells - 50µl and 100µl
- Custom Gram-negative MIC plates - substrates in wells - 50µl and 100µl
- Custom Gram-positive MIC plates - substrates in wells - 50µl and 100µl

When using Sensititre AutoReader or ARIS 2X a substrate system is necessary. The Sensititre System offers the option of selecting plates with substrates in wells or plates without substrates plus E1012 or E1014 Substrate Strips for Automated Reading. Contact your TREK Area Account Manager or Customer Service Representative for minimum order information. Quantity discounts are available.

Delivery 10-12 weeks from receipt of Purchase Order

Frozen Format - MIC

Custom frozen format plates are available in minimum orders of 50 plates (packaged 10 per box). Quantity discounts are available. Contact your TREK Area Account Manager or Customer Service Representative for information.

Delivery 4-6 weeks from receipt of Purchase Order

Ancillary Products for Custom Frozen Plates

CAT #	PRODUCT DESCRIPTION
CVR-TR01	Tray Cover, 10/box
P0050	Disposable Hand Inoculator, Each
T3339	Demineralized Water-5ml, 100/box
T3338-29-10	Demineralized Water, 29 ml, 10/box
T3339-29-10	Demineralized Water w/Tween, 29 ml, 10/box

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

FDA-Cleared Antimicrobics/Dilutions For Clinical Diagnostic Use

ANTIMICROBIC	GRAM NEGATIVE (50 µg/ml)	GRAM POSITIVE (50 µg/ml)	*Streptococcus pneumoniae* and *Streptococcus spp.* Manual read and autoread (100 µg/ml)	*Haemophilus influenzae* Manual read (100 µg/ml)
Amikacin	0.25-64	N/A	N/A	N/A
Amoxicillin/Clavulanic Acid	0.5/0.25-64/32	0.5/0.25-64/32	0.016/0.008-16/8	2/1-16/8
Ampicillin	0.25-128	0.12-16	N/A	0.12-16
Ampicillin/Sulbactam	0.5/0.25-64/32	0.12/0.06-32/16	N/A	1/0.5-8/4
Azithromycin	N/A	N/A	0.03-4	0.015-32
Azlocillin	2-256	N/A	N/A	N/A
Aztreonam	1-128	N/A	N/A	N/A
Carbenicillin	2-256	N/A	N/A	N/A
Cefaclor	N/A	N/A	4-32[3]	4-32
Cefamandole	1-128	1-128	N/A	N/A
Cefazolin	1-128	1-128	N/A	N/A
Cefdinir	0.06-64	0.06-32	0.016-4	0.016-4
Cefepime	0.008-64	0.008-64	0.015-32	0.015-32
Cefixime	N/A	N/A	N/A	0.12-1
Cefonicid	1-128	N/A	N/A	N/A
Cefoperazone	1-128	N/A	N/A	N/A
Cefotaxime	1-128	1-128	0.016-4	0.016-4
Cefotaxime/Clavulanic Acid[4]	See TABLE I	See TABLE I	See TABLE I	See TABLE I
Cefotetan	0.03-64	0.03-64	N/A	N/A
Cefoxitin	1-128	N/A	N/A	N/A
Cefpodoxime	0.06-32	0.06-32	N/A	0.015-32
Ceftazidime	1-128	N/A	N/A	N/A
Ceftazidime/Clavulanic Acid[4]	See TABLE I	See TABLE I	See TABLE I	See TABLE I
Ceftizoxime	1-128	N/A	N/A	N/A
Ceftriaxone	1-128	1-128	0.015-2	0.015-2
Cefuroxime	1-128	N/A	0.5-16	0.5-16
Cephalothin	1-128	0.5-64	N/A	N/A
Chloramphenicol	1-64	0.25-32	0.25-32	0.25-32
Ciprofloxacin	0.06-64	0.5-64	N/A	0.015-1
Clarithromycin	0.06-128	0.06-128	0.016-16	0.002-64
Clindamycin	N/A	0.12-16	0.016-8	N/A
Daptomycin	N/A	0.03-64	0.03-32[4]	N/A
Ertapenem	N/A	N/A	0.008-16[3]	0.008-16
Erythromycin	N/A	0.12-32	0.25-16	N/A
Gatifloxacin	0.008-16	0.008-16	0.002-8	0.002-8
Gemifloxacin	N/A	N/A	0.001-16	0.001-16
Gentamicin	0.12-64, 500	0.12-32, 500	N/A	N/A
Grepafloxacin	0.002-4	N/A	N/A	N/A
Imipenem	0.25-64	0.25-64	N/A	0.5-4

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

ANTIMICROBIC	GRAM NEGATIVE (50 µg/ml)	GRAM POSITIVE (50 µg/ml)	*Streptococcus pneumoniae* and *Streptococcus spp.* Manual read and autoread (100 µg/ml)	*Haemophilus influenzae* Manual read (100 µg/ml)
Kanamycin	0.5-256	0.5-64	N/A	N/A
Levofloxacin	0.004-8	0.008-16	0.002-64	0.002-64
Linezolid	N/A	0.25-32	0.25-32	N/A
Lomefloxacin	0.03-64	0.03-64	N/A	0.015-32
Meropenem	0.004-8	N/A	0.015-32	0.015-2
Methicillin with 2% NaCl	N/A	0.12-16	N/A	N/A
Mezlocillin	2-256	N/A	N/A	N/A
Moxifloxacin	0.004-16	0.008-16	0.004-8	0.004-8
Naldixic Acid	1-128	N/A	N/A	N/A
Netilmicin	1-64	N/A	N/A	N/A
Nitrofurantion	2-256	2-256	N/A	N/A
Norfloxacin	1-128	1-128	N/A	N/A
Ofloxacin	0.004-32	0.004-32	N/A	N/A
Oxacillin with 2% salt	N/A	0.25-32	N/A	N/A
Penicillin G	N/A	0.03-16	0.015-8	N/A
Piperacillin	2-256	N/A	N/A	N/A
Piperacillin/Tazobactam	0.12/4-256/4	0.12/4-256/4	N/A	0.015/4-32/4
Rifampin	N/A	0.5-8	N/A	0.5-4
Sparfloxacin[3]	0.002-4	0.008-8	0.002-64	0.002-64
Streptomycin	N/A	1000, 2000[5]	N/A	N/A
Sulfisoxazole	256	256	N/A	N/A
Synercid	N/A	0.03-32	N/A	N/A
Telithromycin	N/A	0.002 - 16	0.002 - 16[3]	0.002 - 16
Tetracycline	0.25-128	0.12-128	0.25-32	0.25-32
Ticarcillin	2-256	N/A	N/A	N/A
Ticarcillin/Clavulanic Acid	2/2-128/2	N/A	N/A	N/A
Tigecycline	0.015-16	0.008-16	0.004-8[4]	N/A
Tobramycin	0.12-16	N/A	N/A	N/A
Trimethoprim/Sulfamethoxazole	0.25/4.75-32/608	0.25/4.75-4/76	0.06/1.2-4/76	0.06/1.2-4/76
Trovafloxacin	0.002-4	N/A	N/A	N/A
Vancomycin	N/A	0.25-128	0.06-4	N/A

[3] *Streptococcus pneumoniae* only
[4] *Streptococcus* spp. only
[5] *Enterococcus* testing only

Note: *Additional antimicrobics may be available for custom plate configurations. Contact your TREK Customer Service Representative for information.*

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Table I
ESBL Confirmatory Testing (manual + auto)

USA IVD labeled panels require concentrations that fall within the following minimum and maximum ranges (all four drugs must be present):

Cefotaxime:	Maximum range = 0.06-64 µg/ml
	Minimum range = 0.25-64 µg/ml
Cefotaxime/Clavulanic Acid:	Maximum range = 0.06/4-64/4 µg/ml
	Minimum range = 0.25/4-64/4 µg/ml
Ceftazidime:	Maximum range = 0.06-128 µg/ml
	Minimum range = 0.25-128 µg/ml
Ceftazidime/Clavulanic Acid:	Maximum range = 0.06/4-128/4 µg/ml
	Minimum range = 0.25/4-128/4 µg/ml

It is not necessary that paired combinations have the same concentration range providing they fall within minimum and maximum limits.

Table II Antifungal Testing

The Sensititre YeastOne Susceptibility Plate is used for determining the clinical susceptibility of *Candida* species. Antifungal intended use label must be for *Candida* species only. All antifungal plates must be 100 µl reconstitution and 1.5-8x10^3 cfu/ml.

ANTIFUNGAL AGENT	FDA Cleared concentration range µg/ml
Fluconazole	0.125 – 256
Itraconazole	0.008 – 16
5-Flucytosine	0.03 – 64

ANTIFUNGAL AGENT	RUO Available ranges*
Voriconazole	0.008 – 16
Capsofungin	0.008 – 16
Posaconazole	0.004 – 8
Ketoconazole	0.008 – 16
Amphotericin B	0.008 – 16
Micafungin	0.015 – 64
Anidulafungin	0.03 – 64
Ravuconazole[6]	0.008 – 15

[6] Restriction apply. Contact your TREK Customer Service representative for information.
* For research use only. Not for use in diagnostic procedures

Note: *Additional antimicrobics may be available for custom plate configurations. Contact your TREK Customer Service Representative for information.*

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

New Antimicrobic Development

Customized work-up by in-house experts in an FDA, ISO 9001:2000, ISO 13485:2003 and CMDCAS inspected development and manufacturing facility assures the highest quality in new compound development. A single point-of-contact throughout the drug development process provides consistency and speeds the access of new antimicrobics to the market.

JustOne® Antimicrobial Strips

The only individually packaged strips for microdilution testing, JustOne strips offer a convenient, reliable, and cost-effective supplemental test method and can be stored at room temperature for 18-24 months. Microadaptation of the standard two-fold broth dilution technique provides distinct end points for increased accuracy.

Custom JustOne Strips

Custom JustOne strips are available in either 8-well or 12-well strip configurations. 8-well strips are packaged 12 per box; 12-well strips are packaged 8 per box.

Custom Just One Strips are available in minimum orders of 50 boxes (600 8-well strips or 400 12-well strips). Quantity discounts are available. Contact your TREK Area Account Manager or Customer Service Representative for information.

Delivery 12-14 weeks from receipt of Purchase Order.

Standard JustOne

JODAP	JustOne for Daptomycin, 0.03 - 32 µg/ml; 8 strips/box
JO-EYE	JustOne for Vet Isolates (see page 34); 8 strips/box
JOCTGC	JustOne for Tigecycline, 0.015 - 16 µg/ml; 8 strips/box

Veterinary-Specific Plates

The Sensititre System offers more veterinary-specific antimicrobics for microdilution testing than any other manufacturer, including a full range of standard 96-well microtitre plates for susceptibility testing. MIC plates provide maximum precision and end-point accuracy to track antimicrobial resistance, while Breakpoint plates offer a cost-effective alternative to susceptibility testing.

CAT #	PRODUCT DESCRIPTION

Standard Veterinary Identification Plates

GNID	Gram-Negative Identification, 10/box
GPID	Gram-Positive Identification, 10/box
	For use with Sensititre AutoReader or Sensititre ARIS 2X systems

Note: *See page 13 for plate layouts.*

Standard Veterinary MIC Susceptibility Plates

AQUATIC	Aquaculture One Isolate MIC Plate, 10/box
AVIAN1F	Avian One Isolate MIC Plate w/SIW, 10/box
BOPO6F	Bovine/Porcine One Isolate MIC Plate w/SIW, 10/box
CAMPY	*Campylobacter* One Isolate MIC Plate, 10/box
CMV1AGNF	NARMS Gram-Negative Plate w/SIW, 10/box
CMV2AGPF	NARMS Enterococcus Plate w/SIW, 10/box
CMV1AMAF	Mastitis Two Isolate MIC Plate w/SIW, 10/box
CMV1BURF	Urinary Two Isolate MIC Plate w/SIW, 10/box
COMEQ2F	Companion/Equine One Isolate MIC Plate w/SIW, 10/box

Note: *Standard Veterinary MIC plates with SIW contain fluorogenic substrates for reading in the Sensititre ARIS 2X or Sensititre AutoReader*

Custom Veterinary Susceptibility Plates

Custom susceptibility plates are designed to meet the specific needs of animal testing. A choice of over 40 veterinary-specific drugs is available. Custom plates are available in minimum orders of 500 plates (packaged 10 per box). Quantity discounts are available. Contact your TREK Area Account Manager or Customer Service Representative for information.

Delivery 10-12 weeks from receipt of Purchase Order

Note: *Custom veterinary susceptibility plates are nonreturnable. Your TREK Customer Service Representative will verify your plate specifications and review the custom plate ordering process to ensure accuracy.*

Veterinary-Specific JustOne Strips

Each JustOne strip is an individually packaged full MIC for testing a single antimicrobic. Breakpoint JustOne strips are also available. JustOne strips are a convenient way to add newly-released veterinary drugs to your test protocol and offer room temperature storage and 24 month shelf life.

JO-EYE	Breakpoint - Eye Isolates, 12/box

TREK DIAGNOSTIC SYSTEMS
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Veterinary-Specific Plates Layouts

AQUATIC – Aquaculture One Isolate Plate MIC Plate

Antimicrobics		Dilution Range
SXT	Trimethoprim/sulfamethoxazole	1/19 - 0.015-3
GEN	Gentamicin	0.06 - 4
ENRO	Enrofloxacin	1 - 0.002
AMP	Ampicillin	16 - 0.03
OXY	Oxytetracycline	8 - 0.5
ERY	Erythromycin	128 - 0.25
FFN	Florfenicol	8 - 0.25
FLUQ	Flumequine	4 - 0.008
PRI	Sulphadimethoxine/ormetoprim	76/4 - 0.15/0.008
OXO	Oxolinic Acid	2 - 0.004
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	ENRO 1	ENRO 0.5	ENRO 0.25	ENRO 0.12	ENRO 0.06	ENRO 0.03	ENRO 0.015	ENRO 0.008	ENRO 0.004	ENRO 0.002	GEN 4	SXT 1/19
B	AMP 16	AMP 8	AMP 4	AMP 2	AMP 1	AMP 0.5	AMP 0.25	AMP 0.12	AMP 0.06	AMP 0.03	GEN 2	SXT 0.5/9.5
C	OXY 8	OXY 4	OXY 2	OXY 1	OXY 0.5	OXY 0.25	OXY 0.12	OXY 0.06	OXY 0.03	OXY 0.015	GEN 1	SXT 0.25/4.75
D	ERY 128	ERY 64	ERY 32	ERY 16	ERY 8	ERY 4	ERY 2	ERY 1	ERY 0.5	ERY 0.25	GEN 0.5	SXT 0.12/2.38
E	FFN 16	FFN 8	FFN 4	FFN 2	FFN 1	FFN 0.5	FFN 0.25	FFN 0.12	FFN 0.06	FFN 0.03	GEN 0.25	SXT 0.06/1.19
F	FLUQ 4	FLUQ 2	FLUQ 1	FLUQ 0.5	FLUQ 0.25	FLUQ 0.12	FLUQ 0.06	FLUQ 0.03	FLUQ 0.015	FLUQ 0.008	GEN 0.12	SXT 0.03/0.59
G	PRI 76/4	PRI 38/2	PRI 19/1	PRI 9.5/0.5	PRI 4.75/0.25	PRI 2.38/0.12	PRI 1.19/0.06	PRI 0.59/0.03	PRI 0.30/0.015	PRI 0.15/0.008	GEN 0.06	SXT 0.015/0.3
H	OXO 2	OXO 1	OXO 0.5	OXO 0.25	OXO 0.12	OXO 0.06	OXO 0.03	OXO 0.015	OXO 0.008	OXO 0.004	POS	NEG

AVIAN1F – Avian One Isolate MIC Plate

Antimicrobics		Dilution Range
ENRO	Enrofloxacin	2 - 0.12
GEN	Gentamicin	8 - 0.5
TIO	Ceftiofur	4 - 0.25
NEO	Neomycin	32 - 2
ERY	Erythromycin	4 - 0.25
OXY	Oxytetracycline	8 - 0.5
TET	Tetracycline	8 - 0.25
AMOX	Amoxicillin	16 - 0.25
SPE	Spectinomycin	64 - 8
SDM	Sulphadimethoxine	256 - 32
SXT	Trimethoprim/sulfamethoxazole	2/38 - 0.5/9.5
FFN	Florfenicol	8 - 0.25
STZ	Sulphathiazole	256 - 32
PEN	Penicillin	8 - 0.06
STR	Streptomycin	1024 - 8
NOV	Novobiocin	4 - 0.5
TYLT	Tylosin tartrate	20 - 2.5
CLI	Clindamycin	4 - 0.5
POS	Postive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	ENRO 2	ENRO 1	ENRO 0.5	ENRO 0.25	ENRO 0.12	SPE 64	SDM 256	FFN 8	PEN 8	STR 1024	NOV 4	CLI 4
B	GEN 8	GEN 4	GEN 2	GEN 1	GEN 0.5	SPE 32	SDM 128	FFN 4	PEN 4	STR 512	NOV 2	CLI 2
C	TIO 4	TIO 2	TIO 1	TIO 0.50	TIO 0.25	SPE 16	SDM 64	FFN 2	PEN 2	STR 256	NOV 1	CLI 1
D	NEO 32	NEO 16	NEO 8	NEO 4	NEO 2	SPE 8	SDM 32	FFN 1	PEN 1	STR 128	NOV 0.5	CLI 0.5
E	ERY 4	ERY 2	ERY 1	ERY 0.5	ERY 0.25	ERY 0.12	SXT 2/38	STZ 256	PEN 0.5	STR 64	TYLT 20	NEG
F	OXY 8	OXY 4	OXY 2	OXY 1	OXY 0.5	OXY 0.25	SXT 1/19	STZ 128	PEN 0.25	STR 32	TYLT 10	POS
G	TET 8	TET 4	TET 2	TET 1	TET 0.5	TET 0.25	SXT 0.5/9.5	STZ 64	PEN 0.12	STR 16	TYLT 5	POS
H	AMOX 16	AMOX 8	AMOX 4	AMOX 2	AMOX 1	AMOX 0.5	AMOX 0.25	STZ 32	PEN 0.06	STR 8	TYLT 2.5	POS

TREK DIAGNOSTIC SYSTEMS
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Veterinary-Specific Plates Layouts

BOPO6F – Bovine/Porcine One Isolate MIC Plate

Antimicrobics		Dilution Range
TIO	Ceftiofur	8 - 0.5
TIA	Tiamulin	32 - 4
CTET	Chlortetracycline	8 - 0.5
GEN	Gentamicin	8 - 1
FFN	Florfenicol	8 - 1
OXY	Oxytetracycline	0.5 - 8
PEN	Penicillin	8 - 0.12
AMP	Ampicillin	16 - 0.25
DANO	Danofloxacin	1 - 0.12
SDM	Sulphadimethoxine	256 - 32
NEO	Neomycin	32 - 4
SXT	Trimethoprim/sulfamethoxazole	2/38 - 0.5/9.5
SPE	Spectinomycin	8 - 64
TYLT	Tylosin tartrate	20 - 2.5
TUL	Tulathromycin	1 - 64
TIL	Tilmicosin	32 - 4
CLI	Clindamycin	2 - 0.25
ENRO	Enrofloxacin	2 - 0.12
POS	Positive Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	TIO 8	TIA 32	CTET 8	OXY 8	PEN 8	AMP 16	DANO 1	SXT 2/38	TYLT 4	TUL 4	CLI 16	SDM 256
B	TIO 4	TIA 16	CTET 4	OXY 4	PEN 4	AMP 8	DANO 0.5	SPE 64	TYLT 2	TUL 2	CLI 8	ENRO 2
C	TIO 2	TIA 8	CTET 2	OXY 2	PEN 2	AMP 4	DANO 0.25	SPE 32	TYLT 1	TUL 1	CLI 4	ENRO 1
D	TIO 1	TIA 4	CTET 1	OXY 1	PEN 1	AMP 2	DANO 0.12	SPE 16	TYLT 0.5	TIL 64	CLI 2	ENRO 0.5
E	TIO 0.5	TIA 2	CTET 0.5	OXY 0.5	PEN 0.5	AMP 1	NEO 32	SPE 8	TUL 64	TIL 32	CLI 1	ENRO 0.25
F	TIO 0.25	TIA 1	TIA 0.5	GEN 16	PEN 0.25	AMP 0.5	NEO 16	TYLT 32	TUL 32	TIL 16	CLI 0.5	ENRO 0.12
G	GEN 8	GEN 4	GEN 2	GEN 1	PEN 0.12	AMP 0.25	NEO 8	TYLT 16	TUL 16	TIL 8	CLI 0.25	POS
H	FFN 8	FFN 4	FFN 2	FFN 1	FFN 0.5	FFN 0.25	NEO 4	TYLT 8	TUL 8	TIL 4	POS	POS

CAMPY - *Campylobacter* One Isolate Plate MIC Plate

Antimicrobics		Dilution Range
AZI	Azithromycin	0.015 - 64
CIP	Ciprofloxacin	0.015 - 64
ERY	Erythromycin	0.03 - 64
GEN	Gentamicin	0.12 - 32
TET	Tetracycline	0.06 - 64
FFN	Florfenicol	0.03 - 64
NAL	Nalidixic Acid	4 - 64
TEL	Telithromycin	0.015 - 8
CLI	Clindamycin	0.03 - 16
POS	Positive Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	AZI 0.015	AZI 0.03	AZI 0.06	AZI 0.12	AZI 0.25	AZI 0.5	AZI 1	AZI 2	AZI 4	AZI 8	AZI 16	AZI 32
B	AZI 64	CIP 0.015	CIP 0.03	CIP 0.06	CIP 0.12	CIP 0.25	CIP 0.5	CIP 1	CIP 2	CIP 4	CIP 8	CIP 16
C	CIP 32	CIP 64	ERY 0.03	ERY 0.06	ERY 0.12	ERY 0.25	ERY 0.5	ERY 1	ERY 2	ERY 4	ERY 8	ERY 16
D	ERY 32	ERY 64	GEN 0.12	GEN 0.25	GEN 0.5	GEN 1	GEN 2	GEN 4	GEN 8	GEN 16	GEN 32	TET 0.06
E	TET 0.12	TET 0.25	TET 0.5	TET 1	TET 2	TET 4	TET 8	TET 16	TET 32	TET 64	FFN 0.03	FFN 0.06
F	FFN 0.12	FFN 0.25	FFN 0.5	FFN 1	FFN 2	FFN 4	FFN 8	FFN 16	FFN 32	FFN 64	NAL 4	NAL 8
G	NAL 16	NAL 32	NAL 64	TEL 0.015	TEL 0.03	TEL 0.06	TEL 0.12	TEL 0.25	TEL 0.5	TEL 1	TEL 2	TEL 4
H	TEL 8	CLI 0.03	CLI 0.06	CLI 0.12	CLI 0.25	CLI 0.5	CLI 1	CLI 2	CLI 4	CLI 8	CLI 16	POS

TREK DIAGNOSTIC SYSTEMS
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Veterinary-Specific Plate Layouts

CMV1AGNF – Gram-Negative MIC Plate

Antimicrobics		Dilution Range
AMI	Amikacin	0.5 - 32
AMP	Ampicillin	1 - 32
AUG	Amoxicillin/Clavulanic Acid	1/0.5 - 32/16
AXO	Ceftriaxone	0.5 - 64
CHL	Chloramphenicol	2 - 32
CIP	Ciprofloxacin	0.015 - 4
SXT	Trimethoprim/sulfamethoxazole	0.12/238 - 4/76
FOX	Cefoxitin	0.5 - 32
GEN	Gentamicin	0.25 - 16
KAN	Kanamycin	8 - 64
NAL	Nalidixic Acid	0.5 - 32
FIS	Sulfisoxazole	16 - 512
STR	Streptomycin	32 - 64
TET	Tetracycline	4 - 32
TIO	Ceftiofur	0.25 - 8
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	FOX 32	AMI 32	CHL 16	AXO 64	AXO 0.25	CIP 2	GEN 16	NAL 16	TIO 2	FIS 32	KAN 64	AMP 2
B	FOX 16	AMI 16	CHL 8	AXO 32	AUG 32/16	CIP 1	GEN 8	NAL 8	TIO 1	FIS 16	KAN 32	AMP 1
C	FOX 8	AMI 8	CHL 4	AXO 16	AUG 16/8	CIP 0.5	GEN 4	NAL 4	TIO 0.5	SXT 4/76	KAN 16	STR 64
D	FOX 4	AMI 4	CHL 2	AXO 8	AUG 8/4	CIP 0.25	GEN 2	NAL 2	TIO 0.25	SXT 2/38	KAN 8	STR 32
E	FOX 2	AMI 2	TET 32	AXO 4	AUG 4/2	CIP 0.12	GEN 1	NAL 1	TIO 0.12	SXT 1/19	AMP 32	NEG
F	FOX 1	AMI 1	TET 16	AXO 2	AUG 2/1	CIP 0.06	GEN 0.5	NAL 0.5	FIS 256	SXT 0.5/9.5	AMP 16	POS
G	FOX 0.5	AMI 0.5	TET 8	AXO 1	AUG 1/0.5	CIP 0.03	GEN 0.25	TIO 8	FIS 128	SXT 0.25/4.75	AMP 8	POS
H	AMI 64	CHL 32	TET 4	AXO 0.5	CIP 4	CIP 0.015	NAL 32	TIO 4	FIS 64	SXT 0.12/2.38	AMP 4	POS

CMV2AGPF – Gram-Positive MIC Plate

Antimicrobics		Dilution Range
TGC	Tigecycline	0.015 - 0.5
CHL	Chloramphenicol	2 - 32
ERY	Erythromycin	0.5 - 8
FLV	Flavomycin	1 - 16
PEN	Penicillin	0.5 - 16
DAP	Daptomycin	0.5 - 16
SYN	Quinupristin/Dalfopristin	1 - 32
TET	Tetracycline	4 - 32
VAN	Vancomycin	0.5 - 32
LIN	Lincomycin	1 - 32
TYLT	Tylosin tartrate	0.25 - 32
CIP	Ciprofloxacin	0.12 - 4
LZD	Linezolid	0.5 - 8
NIT	Nitrofurantoin	2 - 64
KAN	Kanamycin	128 - 1024
GEN	Gentamicin	128 - 1024
STR	Streptomycin	512 - 2048
POS	Positive Control	
NEG	Negative Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	TGC 0.015	TGC 0.03	TGC 0.06	TGC 0.12	TGC 0.25	TGC 0.5	CHL 2	CHL 4	CHL 8	CHL 16	CHL 32	ERY 0.5
B	ERY 1	ERY 2	ERY 4	ERY 8	FLV 1	FLV 2	FLV 4	FLV 8	FLV 16	PEN 0.5	PEN 1	PEN 2
C	PEN 4	PEN 8	PEN 16	DAP 0.5	DAP 1	DAP 2	DAP 4	DAP 8	DAP 16	SYN 1	SYN 2	SYN 4
D	SYN 8	SYN 16	SYN 32	TET 4	TET 8	TET 16	TET 32	VAN 0.5	VAN 1	VAN 2	VAN 4	VAN 8
E	VAN 16	VAN 32	LIN 1	LIN 2	LIN 4	LIN 8	LIN 16	LIN 32	TYLT 0.25	TYLT 0.5	TYLT 1	TYLT 2
F	TYLT 4	TYLT 8	TYLT 16	TYLT 32	CIP 0.12	CIP 0.25	CIP 0.5	CIP 1	CIP 2	CIP 4	LZD 0.5	LZD 1
G	LZD 2	LZD 4	LZD 8	NIT 2	NIT 4	NIT 8	NIT 16	NIT 32	NIT 64	KAN 128	KAN 256	NEG
H	KAN 512	KAN 1024	GEN 128	GEN 256	GEN 512	GEN 1024	STR 512	STR 1024	STR 2048	POS	POS	POS

TREK DIAGNOSTIC SYSTEMS
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Veterinary-Specific Plate Layouts

CMV1AMAF – *Mastitis* Two Isolate Plate MIC Plate

Antimicrobics		Dilution Range
AMP	Ampicillin	8 - 0.12
PEN	Penicillin	8 - 0.12
ERY	Erythromycin	4 - 0.25
OXA+	Oxacillin+2%NaCL	4 - 2
PIRL	Pirlamycin	8 - 0.5
P/N	Penicillin/novobiocin	8/16 - 1/2
TET	Tetracycline	4 - 1
CEP	Cephalothin	16 - 2
XNL	Ceftiofur	2 - 0.5
SDM	Sulphadimethoxine	256 - 32
POS	Positive Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	POS	POS	POS 4	PIRL 8	TET 4	XNL	POS	POS	POS 4	PIRL 8	TET 4	XNL
B	AMP 8	PEN 8	ERY 4	PIRL 2	TET 4	XNL 2	AMP 8	PEN 8	ERY 4	PIRL 2	TET 4	XNL 2
C	AMP 4	PEN 4	ERY 2	PIRL 1	TET 2	XNL 1	AMP 4	PEN 4	ERY 2	PIRL 1	TET 2	XNL 1
D	AMP 2	PEN 2	ERY 1	PIRL 0.5	TET 1	XNL 0.5	AMP 2	PEN 2	ERY 1	PIRL 0.5	TET 1	XNL 0.5
E	AMP 1	PEN 1	ERY 0.5	P/N 8/16	CEP 16	SDM 256	AMP 1	PEN 1	ERY 0.5	P/N 8/16	CEP 16	SDM 256
F	AMP 0.5	PEN 0.5	ERY 0.25	P/N 4/8	CEP 8	SDM 128	AMP 0.5	PEN 0.5	ERY 0.25	P/N 4/8	CEP 8	SDM 128
G	AMP 0.25	PEN 0.25	OXA+ 4	P/N 2/4	CEP 4	SDM 64	AMP 0.25	PEN 0.25	OXA+ 4	P/N 2/4	CEP 4	SDM 64
H	AMP 0.12	PEN 0.12	OXA+ 2	P/N 1/2	CEP 2	SDM 32	AMP 0.12	PEN 0.12	OXA+ 2	P/N 1/2	CEP 2	SDM 32

CMV1BURF – Urinary Two Isolate MIC Plate

Antimicrobics		Dilution Range
COT	Trimethoprim/sulfamethoxazole	2/38 - 8/152
XNL	Ceftiofur	0.5 - 4
TET	Tetracycline	2 - 128
LEX	Cephalexin	4 - 256
AMP	Ampicillin	2 - 256
AUG	Amoxicillin/Clavulanic Acid	2/1 - 256/128
ENRO	Enrofloxacin	0.03 - 4
POS	Positive Control	

	1	2	3	4	5	6	7	8	9	10	11	12
A	POS CTRL	POS CTRL	POS CTRL	AMP 256	AUG 256/128	ENRO 4	POS CTRL	POS CTRL	POS CTRL	AMP 256	AUG 256/128	ENRO 4
B	COT 8/152	TET 128	LEX 256	AMP 128	AUG 128/64	ENRO 2	COT 8/152	TET 128	LEX 256	AMP 128	AUG 128/64	ENRO 2
C	COT 4/76	TET 64	LEX 128	AMP 64	AUG 64/32	ENRO 1	COT 4/76	TET 64	LEX 128	AMP 64	AUG 64/32	ENRO 1
D	COT 2/38	TET 32	LEX 64	AMP 32	AUG 32/16	ENRO 0.5	COT 2/38	TET 32	LEX 64	AMP 32	AUG 32/16	ENRO 0.5
E	XNL 4	TET 16	LEX 32	AMP 16	AUG 16/8	ENRO 0.25	TIO 4	TET 16	LEX 32	AMP 16	AUG 16/8	ENRO 0.25
F	XNL 2	TET 8	LEX 16	AMP 8	AUG 8/4	ENRO 0.12	TIO 2	TET 8	LEX 16	AMP 8	AUG 8/4	ENRO 0.12
G	XNL 1	TET 4	LEX 8	AMP 4	AUG 4/2	ENRO 0.06	TIO 1	TET 4	LEX 8	AMP 4	AUG 4/2	ENRO 0.06
H	XNL 0.5	TET 2	LEX 4	AMP 2	AUG 2/1	ENRO 0.03	TIO 0.5	TET 2	LEX 4	AMP 2	AUG 2/1	ENRO 0.03

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Veterinary-Specific Plate Layouts

Antimicrobics		Dilution Range
AMI	Amikacin	4 - 32
AMP	Ampicillin	0.5 - 16
AUG	Amoxicillin/clavulanic acid	4/2 - 32/16
CEP	Cephalothin	2 - 16
POD	Cefpodoxime	2 - 16
CLI	Clindamycin	2 - 0.25
SXT	Trimethoprim/sulfamethoxazole	2/38 - 0.5/9.5
ENRO	Enrofloxacin	4 - 0.5
ERY	Erythromycin	4 - 0.5
FAZ	Cefazolin	16 - 2
FOX	Cefoxitin	16 - 2
GEN	Gentamicin	8 - 1
IMI	Imipenem	8 - 1
ORB	Orbifloxacin	4 - 1
OXA+	Oxacillin+2%NaCL	4 - 2
PEN	Penicillin	8 - 0.06
RIF	Rifampin	2 - 1
CHL	Chloramphenicol	16 - 4
MAR	Marbofloxacin	2 - 0.25
TET	Tetracycline	8 - 1
TIC	Ticarcillin	64 - 8
TIM	Ticarcillin/clavulanic acid	64/2 - 8/2
TIO	Ceftiofur	4 - 1
POS	Positive Control	
NEG	Negative Control	

COMEQ2F – Companion/Equine One Isolate Plate MIC Plate

	1	2	3	4	5	6	7	8	9	10	11	12
A	SXT 2/38	SXT 1/19	SXT 0.5/9.5	AMP 16	PEN 8	CEP 16	GEN 8	ENRO 4	TET 8	CHL 16	FOX 16	ERY 4
B	AMI 32	AUG 32/16	TIM 64/2	AMP 8	PEN 4	CEP 8	GEN 4	ENRO 2	TET 4	CHL 8	FOX 8	ERY 2
C	AMI 16	AUG 16/8	TIM 32/2	AMP 4	PEN 2	CEP 4	GEN 2	ENRO 1	TET 2	CHL 4	FOX 4	ERY 1
D	AMI 8	AUG 8/4	TIM 16/2	AMP 2	PEN 1	CEP 2	GEN 1	ENRO 0.5	TET 1	TIO 4	FOX 2	ERY 0.5
E	AMI 4	AUG 4/2	TIM 8/2	AMP 1	PEN 0.5	FAZ 16	POD 16	TIC 64	MAR 2	TIO 2	IMI 8	NEG
F	RIF 2	RIF 1	AMP 0.25	AMP 0.5	PEN 0.25	FAZ 8	POD 8	TIC 32	MAR 1	TIO 1	IMI 4	POS
G	OXA+ 4	CLI 2	CLI 0.5	CLI 0.25	PEN 0.12	FAZ 4	POD 4	TIC 16	MAR 0.5	TIO 0.5	IMI 2	POS
H	OXA+ 2	ORB 4	ORB 2	ORB 1	PEN 0.06	FAZ 2	POD 2	TIC 8	MAR 0.25	TIO 0.25	IMI 1	POS

JO-EYE – JustOne for Veterinary Isolates

Location	Dilution	Antimicrobic	Abbreviation
A1	POS	Positive Control	POS
A2	4	Erythromycin	ERY
A3	8	Oxytetracycline	OXY
A4	8	Gentamicin	GEN
A5	64	Ticarcilin	TIC
A6	8	Neomycin	NEO
A7	5	Polymixin B	POL
A8	2	Bacitracin	BAC
A9	16	Chloramphenicol	CHL
A10	8	Tobramycin	TOB
A11	2	Ciprofloxacin	CIP
A12	32	Amikacin	AMI

TREK DIAGNOSTIC SYSTEMS
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Antimicrobics Available for Veterinary Diagnostic Use

Ansamycin
Apramycin
Avilamycin (GP)
Bacitracin
Carbadox
Ceftiofur
Cephalexin
Chlortetracycline
Cloxacilin
Danofloxacin
Difloxacin
Doxycycline
Enrofloxacin
Flavomycin*
Florfenicol
Ibafloxacin*
Lincomycin
Marbofloxacin*
Neomycin
Nitrofurazone
Novobiocin
Orbifloxacin
Penicillin/Novobiocin
Penicillin/Streptomycin
Pirlimycin
Polymyxin B
Salinomycin (GP)*
Sarafloxacin
Spectinomycin
Spiramycin
Sulfachlorpyridazine
Sulfadimethoxine
Sulfadimethoxine/Ormetoprim (Primor)
Sulfamethazine
Sulfisoxazole
Sulfathiazole
Tiamulin
Trimethoprim/Sulfadiazine
Tulathromycin
Tylosin
Tylosin tartrate
Urospasmon
Virginiamycin (GP)*

(GP) = Growth Promoter
* Some restrictions may apply

Note: *Additional antimicrobics may be available for custom plate configurations. Contact your TREK Customer Service Representative for information.*

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Sensititre Custom Plate Format Worksheet

Antimicrobics

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E												
F												
G												
H												

READ METHOD: _____

SOFTWARE REQUIRED: _____ SUPPLY SENSITITRE QC DATA: _____

SUBSTRATE ADDED TO WELLS DURING PRODUCTION: _____ BARCODE PLATE: _____

PRODUCT LABELING: _____ PRODUCT LABELING COLOR: _____

ORGANISM TO BE TESTED IN PANEL: _____

INOCULUM SIZE: _____ INOCULUM CONCENTRATION: _____

MEDIA: _____ QUANTITY ORDERED: _____

Custom Sensititre plates are quality controlled to assure that the specified antimicrobics and the concentrations of these antimicrobics are present on Sensititre microtitre plates per customer's specifications. Stability of antimicrobics has been tested and confirmed per the recommended expiry dates. Clinical use and interpretation of the MIC results obtained when using this plate are the responsibility of the user. QC results are available on request.

A non-cancelable purchase order must be submitted at the time of order. Custom plate orders will be shipped all at once after manufacture to the responsible ordering customer. No partial shipments will be made unless prior arrangements have been made with TREK and this is specified on the purchase order. As the plates are custom produced, the number of plates shipped may vary up to 10% from the quantity ordered. Payment for Custom plates is due in full upon the receipt of the requested manufactured plates. Ex Works Cleveland, Ohio. Prices quoted are firm for 30 days from the date of quotation and do not include federal, state or local tax.

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

Sensititre Supplies and Accessories

CAT #	PRODUCT DESCRIPTION
CP112-10	Mueller-Hinton Broth with Lysed Horseblood, 10ml, 10/box (must refrigerate)
CP112-2X*	Mueller-Hinton Broth with 2X Lysed Horseblood, 10ml, 10/box (must refrigerate)
CP114-10*	Mueller-Hinton Broth with Lysed Horseblood-for automated read, 11ml, 10/box (must refrigerate)
E1012	18 Hour/Strep pneumo Substrate Strips 50/vial
E1014	Gram-Positive Substrate Strips 50/vial
E1030	Pipette Tips, Elongated 200 µl 576/pack
E1031	Pipette Tips. 960/box
E1031-96	Tips. 96/box
E1032-10	Troughs. 10/box
E1032	Troughs. 200/box
E1040	0.5 McFarland Standard
E1041	0.5 Polymer McFarland Standard (Use with AutoInoculator and Nephelomter)
E10159	Mineral Oil
G520N	Plate Seals for MIC Plates 10/pk
E2002	Perforated Seals for GNID Plates 10/pk
E2003	Fastidious Perforated Seals/Custom Plates for Fastidious Organisms 10/pk
E3010	Doseheads. 100/box (for use with autoinoculator)
E4101	Pipette Tips for Eight Channel Automatic Pipettor; 960 tips/box
E4109	960 Pipette Tips-Ovation
E510225	Combo Loop, 10 µl/1 µl, 500/box
P0050	Disposable Inoculator for use with frozen Plates, 25/box
T1000*	Antibiotic Medium 3, 10/box
T1100*	Antimicrobic Stock Solution, Frozen, 10ml
T3338-29-10	Demineralized Water w/o TWEEN, 29ml, 10/box
T3339-10	Demineralized Water, 5ml, 10/box
T3339-10-10*	Demineralized Water, 10ml, 10/box
T3339	Demineralized Water, 5ml, 100/box
T3339-29-10	Demineralized Water with Polysorbate 80, 29 ml., 10/box
T3450*	Supplemental Brucella Broth for Anaerobes, 10 ml, 10/box
T3460**	Veterinary Fastidious Medium
T3462-05	Mueller-Hinton Broth 5ml Fill. 100/box
T3462-10	Mueller-Hinton Broth 11ml Fill. 10/box
T3462	Mueller-Hinton Broth 11ml Fill. 100/box
T3470	HTM Broth 10/box (must refrigerate)
T3480*	BHI Broth, 10ml, 10/box
T5100	Susceptibility Organism Kits; Haemo Validation Set, (10 tubes/box)
T5101	Susceptibility Organism Kits; Streptococcus Validation Set, (10 tubes/box)
T5102	Susceptibility Organism Kits; YeastOne Validation Set; (10 tubes/box)
T5103	Isolate Request
T5104	Campylobacter Test Organism Set, (10 tubes/box)
T8000*	Mueller-Hinton Broth w/OADC, 5ml Fill. 10/box
T8005*	Mueller-Hinton Broth w/OADC, 10 ml Fill. 10/box
T8010*	Mueller-Hinton Broth w/2% NaCl, 11ml Fill. 10/box
T8100*	Middlebrook 7H9 with OADC, 5ml, 10/box
T8100-15*	Middlebrook 7H9 with OADC, 15ml, 10/box
T9005*	Mueller-Hinton Broth, non-adjusted, 10ml Fill. 100/box
T9005-10*	Mueller-Hinton Broth, non-adjusted, 10ml Fill. 10/box
T9010*	Mueller-Hinton Broth, non-adjusted w/LHB, 10ml Fill. 100/box
T9010-10*	Mueller-Hinton Broth, non-adjusted w/LHB, 10ml Fill. 10/box
T9020*	Mueller-Hinton Broth, cation-adjusted, 10ml, 100/box
T9020-10*	Mueller-Hinton Broth, cation-adjusted, 10ml, 10/box
T9022-10*	Mueller-Hinton Broth 2X, 11ml, 10/box
T9030*	Mueller-Hinton Broth w/TES & TWEEN, 11ml Fill. 10/box
T9035*	Mueller-Hinton Broth w/TES & LHB, 11ml Fill. 10/box
T9040*	Mueller-Hinton Broth w/2% Isovitalex, 11ml Fill. 10/box
T9042*	Mueller-Hinton Broth w/2% Isovitalex 2X, 11ml Fill. 10/box
Y3450*	RPMI Broth 10/box (must refrigerate)
Y3460*	RPMI Broth w/glucose (2%), 10ml, 10/box (must refrigerate)
Y3462	Yeast Broth 11ml. 10/box (must refrigerate)
Y3470*	AB-3 Media, 10ml, 10/box
NF-IT/QC	NF Interpretive/QC Sheet
YO2-IT	YeastOne YO-2 Interpretive Sheet
YO2-QC	YeastOne YO-2 Quality Control Sheet
YO6-WS	YeastOne YO-6 Interpretive Criteria & QC Sheet

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

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

Sensititre Instrumentation

The Sensititre modular instrumentation system provides the microbiology laboratory the flexibility to select the appropriate level of automation to meet individual needs and budgetary requirements.

Note: *Equipment specifications can be found on page 40.*

Manual System

The manual system provides an easy transition from manual Kirby Bauer readers to the advantage of full MIC testing.

CAT #	PRODUCT DESCRIPTION
V4007	Manual Viewbox
V4009	Electronic Multichannel Pipette, 25-1250ul
V4009PS	Universal Charger for Electronic Pipette (E4009)
E4101	1250 µL Refills (includes 10 x 96 pipette tips for use with re-usable box)* *For use with Eppendorf only*
E4109	960 Pipette Tips *For use with Ovation only (V4009)*
E1031	Pipette Tips, 960 tips per box*
E1032	Pipette Troughs, 200 per case, 5 per package*

* *USA only*

Sensititre Complete Automated System

V300-VZ	The Sensititre complete automated system includes, ARIS 2X, SWIN Computer, Vizion™ System, AutoInoculator.

Sensititre AutoInoculator Automated Inoculation

The Sensititre AutoInoculator is a microprocessor-controlled instrument that automatically delivers inoculum in 50 and 100 microliters to the 96-well Sensititre plate. The built-in Nephelometer (also available as a stand-alone item) standardizes inoculum to 0.5 McFarland. An optional plate holder allows the technologist to dose different size plates.

V3010	AutoInoculator *Use with E3010 Dosebeads and E1041 0.5 McFarland*
V3011	Nephelometer
IRA/902265	Modified Plate Holder *For use with Custom Frozen Plates*

SWIN Computer System

SW4000	SWIN Complete Computer System Includes: 1 GbRam, 2 40 Gb 7200 RPM Hard Drives (Part #6117-30), CDRW Drive, 4+USB 2.0 Ports, 1-2 Parallel Port, Keyboard & Mouse, Internal & External 56K Modem, Barcode Scanner, HP Laser Jet 1200SE Printer (Part #6150-30), Windows XP Professional, 8 Port USB Serial Converter (Part #6168-30), PC Anywhere Version 1.05 (Part #6134-30), Microsoft Access XP

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

(Part #6132-30), 15" LCD Monitor (Part #6140-30), SWIN Software (Part #SW100)

SWIN Computer System continued

SW1000	Printer, Barcode
SW1100	Labels, Barcode, 1000/roll
6100-30	Computer
6132-30	Microsoft Access XP Software
6134-30	Symantec PC Anywhere Software
6140-30	Monitor, 15" LCD
6150-30	Printer, HP Laserjet
6152-30	Printer Cable, 6' USB 2.0
6168-30	External 8-Port USB Serial Box
NPN-64	SWIN On-Site Training (2.5 days) Cost/Visit
NPN-65	SWIN In-House Training (2 days) Attendee. Includes Room & Meals; Excludes Transportation to Facility

SWIN Epidemiology Module

The SWIN Epidemiology Module allows end users to easily generate comprehensive susceptibility reports for trending purposes or antibiograms.*

SW120 SWIN Epidemiology Module **Must purchase SWIN Computer System (SW4000).*

Sensititre AutoReader Automated Reading

Maximize reading consistency for both susceptibility and identification testing

The addition of the AutoReader allows the laboratory to take full advantage of the Sensititre System's fluorescence technology and rapid reporting. The Sensititre AutoReader is a fully automatic fluorimeter that reads both identification and susceptibility plates to maximize consistency and eliminate manual reading.

V3029 Sensititre AutoReader *Requires SW4000*

Sensititre ARIS® 2X Automated Reading and Incubation

Full automation reduces daily laboratory workload while providing improved speed, accuracy and reliability.

The Sensititre ARIS 2X is a fully automatic, bench-top incubating and reading system that speeds the laboratory routine. The ARIS 2X fits onto the AutoReader and uses an internal barcode scanner to identify each plate type and assign the appropriate incubation time. When the assigned time has elapsed, the ARIS 2X transports the plate to the AutoReader for fluorescence measurement, without manual intervention.

V3090	ARIS 2X Automated Reading and Incubation System *Requires SW4000 and V3029*
V3091	ARIS 2X Barcode Printer upgrade *Upgrade includes (1) V3090, (1)SW1000, (1) SW1100*

Note: *Customer upgrades from Sensititre AutoReader to ARIS 2X Automated Reading and Incubation System require:*

ARA/888352	AutoReader Cover
ARA/888354	ARIS 2X Cover
ARA/888060	Adapter

Sensititre Specifications and Power Requirements

Nephelometer

Height	3.84 in	9.70 cm
Width	7.5 in	19.0 cm
Depth	5.3 in	13.5 cm
Weight	1.8 lbs	0.8 kg
Power requirements	8-18V AC/DC, 130mA	
Power consumption	1 WATT	

AutoInoculator

Height	9.5 in	24.0 cm
Width	16.5 in	41.3 cm
Depth	18.5 in	46.4 cm
Weight	37.5 lbs	17 kg
Power requirements	115 VAC 60Hz	220/240 VAC 50Hz
Power consumption	60 WATTS	

Vizion™ System

Height	12.4 in	31.5 cm
Width	10.36 in	26.3 cm
Depth	13.94 in	35.4 cm
Weight	21 lbs	9.5 kg
Power requirements	110/240 VAC, 50-60Hz	110/240 VAC, 50-60Hz
Power consumption	8 WATTS	

AutoReader

Height	8 in	19.1 cm
Width	16.5 in	41.9 cm
Depth	18.5 in	47.0 cm
Weight	29 lbs	13 kg
Power requirements	115 VAC 60Hz	220/240 VAC 50Hz
Power consumption	50 WATTS	

ARIS 2X

Height	28 in	70.0 cm
Width	25 in	63.0 cm
Depth	19 in	48.0 cm
Weight (without AutoReader)	99.2 lbs.	45 kg
Power requirements	110/120 VAC 60Hz	220/240 VAC 50Hz
Power consumption	230 WATTS (including AutoReader)	

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

onsite®

onSite® Urine Culture Device

The onSite Urine Culture Device combines the sensitivity and specificity of the traditional urine culture method with the convenience and efficiency of a unique design for detecting, enumerating, and identifying specific bacteria in urine. Each onSite device is a transparent, hinged casing containing face-to-face plates of agar with a plastic sampler with two curved tips located between the plates. The agar structure is elongated to ensure longitudinal streaking of urine by the sampler.

Each onSite device contains one plate of MacConkey agar, a selective medium that provides excellent differentiation between coliforms and non-lactose fermenters with inhibition of gram positive cocci, and one plate of CLED agar.

CAT #	PRODUCT DESCRIPTION
UR-CLED	MacConkey and CLED, a differential medium that supports growth of both gram positive and gram negative bacteria as well as *Pseudomonas* and *Proteus* which do not ferment lactose, 100/box sealed in bags of 10 each
UR-TSHEET	Quick reference guide to the proper use of onSite for the point of collection staff, 10 laminated sheets per shrink wrapped package

TREK DIAGNOSTIC SYSTEMS
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alamarBlue®

alamarBlue® Colormetric Growth Indicator Dye

alamarBlue Colormetric Growth Indicator Dye is designed to measure quantitatively the proliferation of various human and animal cell lines, bacteria, and fungi. The bioassay may also be used to establish relative cytotoxicity of agents within various chemical classes. The toxicologist can establish baseline data for predicting the toxicity of related novel agents by comparing the baseline data with known *in-vitro* toxicity.

alamarBlue dye incorporates a fluorometric/colorimetric growth indicator based on detection of metabolic activity. Specifically, the system incorporates an oxidation-reduction (Redox) indicator that both fluoresces and changes color in response to chemical reduction of growth medium resulting from cell growth.

As cells being tested grow, innate metabolic activity results in a chemical reduction of the immediate surrounding environment. Continued growth maintains a reduced environment, while inhibition of growth maintains an oxidized environment. Reduction related to growth causes the Redox indicator to change from oxidized (nonfluorescent, blue) form to reduced (fluorescent, red) form.

CAT #	PRODUCT DESCRIPTION
00-025	25ml Bottle
00-100	100ml Bottle
00-010	10ml Bottle (at 10x concentration)

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES

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As a condition to placing telephone orders you agree to adopt as your signature a unique identification consisting of a TREK assigned customer number. The use of your identification shall constitute your Signature. When you call TREK with an order, TREK will make an electronic or written record of your telephone orders. You agree that TREK's recordation of your telephone order shall constitute a writing.

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TREK OFFERS NO WARRANTY AND ASSUMES NO LIABILITY WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE FOR GRATUITOUS ADVICE OR ASSISTANCE PROVIDED BY TREK. ACCORDINGLY, YOU AGREE NOT TO BRING ANY ACTION OR CLAIM AGAINST TREK FOR GRATUITOUS ADVICE RENDERED BY TREK. MOREOVER, YOU AGREE TO INDEMNIFY, DEFEND, AND HOLD TREK HARMLESS AGAINST ANY LOSS, DAMAGE, OR CLAIM ARISING OUT OF ANY SUCH GRATUITOUS ADVICE.

MISCELLANEOUS. The construction, design, or configuration of the Products is subject to change without notice. Product(s) in this catalogue may contain certain components that have been remanufactured or refurbished following limited prior use. Availability of Product(s) may vary with demand; Product(s) listed in this catalogue may be discontinued without notice. TREK may allocate available supplies on such basis as TREK may deem fair and practical without liability for any resulting failure or performance.

The invalidity or unenforceability of any these terms and conditions will not affect any other of these terms and conditions. The failure of you or TREK at any time to require the performance of any obligation will not affect the right to require such performance thereafter. The waiver of any remedy with respect to any default will not be taken as a waiver of any remedy for any succeeding default.

Course of dealing, prior dealings, industry standards, and customary practice shall not serve as references in interpreting this Agreement.

Neither you or TREK shall be liable for any failure to perform its obligations in connection with this Agreement, where such failure results from any acts of God or other cause beyond your or TREK's reasonable control.

Your obligations hereunder are independent of any other obligations that you may have under any other contract or account with TREK. You agree to not exercise any right of setoff in connection with the terms and conditions hereof or any other contract or account with TREK.

The terms of this Agreement may only be modified in a writing that is signed by an authorized representative of TREK.

These terms and conditions are to be interpreted and enforced under the law of the State of Ohio without regard to principles of choice of law.

Freight Claim Policy

VISIBLE DAMAGES OR SHORTAGES Both Customer and the carrier shall examine the contents of shipments suffering visible damage or shortage. Both the carrier's copy and the consignee's copy of the delivery receipt shall be endorsed as to damage or shortage in order to substantiate the proper amount of any damage. Customer shall notify the carrier promptly to request inspection of the damaged goods. Report of visible damages or shortage must be made within five (5) days of delivery. All damaged or shorted goods including all packaging and packing materials shall be held by Customer for disposition by the carrier.

CONCEALED LOSS OR DAMAGE Customer shall leave any products suffering from concealed loss or damage in their original container(s) and permit the carrier to inspect the same. Since any reports and inspection of concealed loss and damage must be made within 15 days of delivery, Customer must request inspection by the carrier immediately upon discovery of the loss or damages. Notice to the carrier may be given by telephone or in person and shall be confirmed by mail. The carrier's inspection report shall be completed within 48 hours of the carrier's inspection and both the carrier and Customer shall sign this report. Customer should take exception to any statement by the carrier's inspector with which Customer does not agree. Customer shall retain all goods inspected for concealed loss or damage for disposition by the carrier.

FILING CLAIMS Any claim must be in the possession of the carrier within nine (9) months of the date of delivery (or within nine [9] months of the date of shipment if the exact date of delivery cannot be ascertained). All claims must be filed for a specific amount and must be supported by copies of the following: (1) the bill of lading; (2) the original invoice (or a certified copy or extract from the original invoice); (3) the carrier's documents pertaining to the particular shipment involved (wherein the carrier has acknowledged loss or damage by signing and endorsing such documentation); or (4) the original inspection report as to any concealed loss or damage claim. Copies of these documents and Customer's completed Standard Form for Presentation of Loss and Damage Claims shall be presented to the carrier. Customer shall contact its TREK representative for further instructions and administrative details in handling freight claims, if needed.

TREK DIAGNOSTIC SYSTEMS
MAGELLAN BIOSCIENCES