

TREK Vet Update

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SWIN® Epidemiology Module ... As Easy as 1, 2, 3!

By Jenny Lorbach, Director of Global Marketing, TREK Diagnostic Systems

We are proud to announce the availability of the Sensititre SWIN Epidemiology module (Part No. SW120) used in conjunction with SWIN software (Part No. SW4000).

The Epidemiology module was designed with busy veterinary diagnostic laboratories in mind. During the design phase of our epidemiology package, we concentrated on the following areas based on technologist's feedback:

Easy and intuitive drop down lists

Ability to generate a Percent Susceptible Report

Customized data selection fields, including organisms, source, animal species, antimicrobics, ward, veterinarian and other customized variables

Ability to "Save Reports" for future data range modifications

Generating comprehensive annual reports fast; no longer than 15 minutes

Review individual results and "deselect" prior to final report

Automatically include "off-line" test information for each isolate

Preview reports prior to final print selection

Define and customize "Duplicate Patient Criteria" based on number of days between specimens; exclude duplicate isolates in final report

Ability to define and implement phenotypic match options

And most importantly, set up and run reports without special training classes

Five report types are available on the platform:

Percent Susceptible

Cumulative MIC

Workload Report, including QC information

Occurrence Report

Interpretation Report

Recent customers shared the following comments with us after testing the SWIN Epidemiology program:

"Easy and intuitive! I just loaded the CD onto my existing SWIN system and was able to generate reports within 15 minutes! I didn't even need to schedule a training session with

your Technical Support staff!"

"The shortcut sheets you provided are great. On site training is not needed the program is so easy to use!"

"I was able to generate my annual antibiogram in only 5 minutes! I typically have to let this information run over night on my other automated susceptibility computer system."

"Great overall Epidemiology package."

Please stop by our booth at an upcoming AVM meeting this year for a demonstration of our software package! If you are unable to attend a meeting, please contact us to schedule an on site presentation of our Sensititre product line.

If your laboratory currently utilizes SWIN Software, simply order the SWIN Epidemiology Software Module (Part No. SW120) to begin using your program today!

NEW!

Introducing Sensititre® SWIN Epidemiology Software!

Last September, TREK Diagnostic Systems installed the first *para-JEM* Windows Software at Wisconsin Veterinary Diagnostic Laboratory, Cornell University, the second site, was installed in October.

Since this time TREK has continuously monitored the sites to ensure overall customer satisfaction. Part of the monitoring process included surveying the software users and asking for their honest overall opinion of the software.

We are proud to announce that the returned surveys contained excellent customer

feedback and the software received very favorable results, especially in the area of ease of use. Current customers have stated the following regarding the software:

“Easy to use, demographics are good for studies and loading is quicker.”

“There are fewer key strokes involved with the para-JEM Windows Software.”

“Intuitive screens!”

“Quiet and faster printer.”

“Program moves quickly.”

“Modem for Technical Support is helpful.”

“Interface capability with LIMS is a nice feature”

At TREK Diagnostic Systems, we feel that the proof in performance of our products comes from customers testimonials. Please see the article below from Tanya Danz at Wisconsin Veterinary Diagnostic Laboratory as she shares her experiences with you pertaining to the *para-JEM* Windows Software.

First Hand Experiences with *para-JEM*® Windows® Software

By Tanya Danz, Wisconsin Veterinary Diagnostic Laboratory

The WVDL laboratory has been using the new *para-JEM* Windows Software since September 28, 2005. Compared with the old DOS system the *para-JEM* Software has excellent features that make it more admirable. For example, it is very friendly to use, has a touch screen capability and a mouse which allows movement between screens.

The new computer and printer are faster, making it possible to perform bottle lookups and status print-outs more efficiently. Data entry time is saved because larger cases are entered by seeding ID numbers and bottle locations. I really appreciate the new system's ability to back up archived files to the hard drive. This feature saves me the time I previously spent backing up to floppy disk and it also allows for easy lookup of archived data.

The new TREK software comes with improved help options. The computer has a help button that can provide answers to task questions. TREK Diagnostics has the ability to remote access the new software so that updates and help can be rendered via the internet. This feature has made it easier for TREK Technical Support to understand and fix problems that may arise without traveling to the laboratory's location. Overall the new *para-JEM* Windows Software system is easier to use and it saves time.

Another positive aspect of the new system is the help features and training that are included. When we first received the system, TREK Technical Support came out and set up the system for us. They also provided good training to all system users making it a smooth transition to the system. In addition, TREK trainers were very friendly, willing to answer any questions, explained things clearly and left us with a contact phone number should we need assistance.

It's that Time Again ... Time to Update Sensititre® Standard MIC Plates!

By Jenny Lorbach, Director of Global Marketing, TREK Diagnostic Systems

Over the last several months, many customers have been requesting updates to Sensititre® Standard MIC plates. The majority of requests have been a direct result of the availability of Tulathromycin (Draxxin™, Pfizer Animal Health). At this time, Tulathromycin is FDA approved for Bovine Respiratory Disease isolates. It is our intention to release Tulathromycin on a new Bovine/Porcine MIC plate in June 2006, in conjunction with a formal launch initiative by Pfizer Animal Health for routine MIC test methods.

We will release a new MIC format for electronic customer feedback this Spring. Please note that we will need to collectively decide what compounds will be removed to include Tulathromycin. We encourage everyone that uses this MIC plate for diagnostic or research purposes to provide feedback.

As a reminder, the following is a comprehensive list of standard MIC plates used for veterinary test methods:

AQUATIC

- Ampicillin
- Enrofloxacin
- Erythromycin
- Florfenicol
- Flumequine
- Gentamicin
- Oxolinic acid
- Oxytetracycline
- Sulphadimethoxime/Ormetoprim
- Trimethoprim/sulfamethoxazole

AVIAN1F

- Amoxicillin
- Ceftiofur
- Clindamycin
- Enrofloxacin
- Erythromycin
- Florfenicol
- Gentamicin
- Neomycin
- Novobiocin
- Oxytetracycline
- Penicillin
- Spectinomycin
- Streptomycin
- Sulphadimethoxime
- Sulphathiazole
- Tetracycline
- Trimethoprim/sulfamethoxazole
- Tylosin tartrate

BOPO1F

- Ampicillin
- Ceftiofur
- Chlortetracycline
- Clindamycin
- Danofloxacin
- Enrofloxacin
- Erythromycin
- Florfenicol
- Gentamicin
- Oxytetracycline
- Penicillin
- Spectinomycin
- Sulphadimethoxime
- Sulphathiazole
- Tiamulin
- Tilmicosin
- Trimethoprim/sulphamethoxazole
- Tylosin tartrate

CAMPY

- Azithromycin
- Ciprofloxacin
- Clindamycin
- Erythromycin
- Florfenicol
- Gentamicin
- Nalidixic acid
- Telithromycin
- Tetracycline

CMV1AMAF

- Ampicillin
- Ceftiofur
- Cephalothin
- Erythromycin
- Oxacillin
- Penicillin
- Penicillin/novobiocin
- Sulphadimethoxime
- Tetracycline

CMV1BURE

- Amoxicillin/clavulanic acid
- Ampicillin
- Ceftiofur
- Cephalexin
- Enrofloxacin
- Tetracycline
- Trimethoprim/sulfamethoxazole

COMEQ2F

- Amikacin
- Amoxicillin/clavulanic acid
- Ampicillin
- Cefazolin
- Cefpodoxime
- Ceftiofur
- Cephalothin
- Chloramphenicol
- Clindamycin
- Enrofloxacin
- Erythromycin
- Gentamicin
- Imipenem
- Marbofloxacin
- Orbifloxacin
- Oxacillin
- Penicillin
- Rifampin
- Tetracycline
- Ticarcillin
- Ticarcillin/clavulanic acid
- Trimethoprim/sulfamethoxazole

If you have any other comments regarding these or other Sensititre Veterinary MIC formats that you would like to see updated, please send your comments to me via e-mail at: jlorbach@trekds.com.

Johne's Fecal Proficiency Test Challenges Some Labs

By Sara Allen, M.S., Associate R&D Manager, TREK Diagnostic Systems

The Johne's Fecal Proficiency Test offered by the USDA-NVSL tests a lab's ability to correctly identify *Mycobacterium paratuberculosis* from fecal samples. Participants are required to correctly identify 100% of negative samples, 100% of TNTC samples, and 70% of all other positive samples. It was an exciting year for labs who took part in last year's test because they were challenged with a sample spiked with genetically similar mycobacteria *Mycobacterium avium*. Most labs were able to correctly identify the sample as negative. However, nine labs were unable to correctly identify the sample and results were significant: no certification was granted.

The test includes twenty five samples but when 70% of participating labs fail to correctly identify a sample it is removed from the calculations. This year there were five samples, spiked with low numbers of organism, which fell into this category. Their removal resulted in twenty valid samples.

We are pleased to report that ESP® *para*-JEM users, including our own Research Department, did very well this year, obtaining an average score of 19.6 out of 20. This is in contrast to other liquid culture systems, such as MGIT and BACTEC, which obtained average scores of 17.9 and 19, respectively.

The liquid culture systems were comparable for recovery of high (TNTC) and moderate/high numbers of organism. However, differences in recovery begin to emerge for moderate, low/moderate, and low numbers. The table below shows the percent recovery for each system and shedding group.

Overall the ESP *para*-JEM System demonstrated a remarkable recovery rate; it correctly identified 93-100% of all valid samples. We commend our *para*-JEM users on this achievement and look forward to more success in 2006.

Test Type	Critical Negative	<i>M. avium</i>	TNTC	Mod/High	Mod	Low/Mod	Low	OMIT (Low)
BACTEC (n=4)	100% (24/24)	75% (3/4)	100% (12/12)	95% (19/20)	75% (6/8)	100% (4/4)	100% (8/8)	30% (6/20)
ESP (n=20)	98% (118/120)	95% (19/20)	100% (60/60)	99% (99/100)	95% (38/40)	100% (20/20)	93% (37/40)	40% (40/100)
MGIT (n=10)	93% (56/60)	90% (9/10)	97% (29/30)	92% (46/50)	85% (17/20)	90% (9/10)	75% (15/20)	36% (18/50)

Source: USDA-NVSL 2005 Johne's Disease Fecal Methods Evaluation Results.

Sensititre® NARMS Plate Formats for 2006

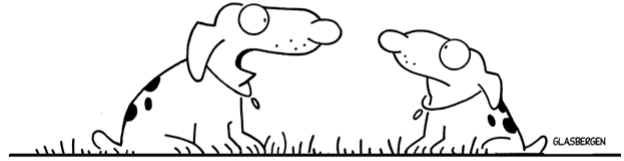
By Jenny Lorbach, Director of Global Marketing, TREK Diagnostic Systems

The following list highlights the plate formats for the NARMS gram positive and gram negative formats for 2006. Please note that we will continue to offer these formats as standard MIC plates that can be purchased at any time. All plates maintain room temperature storage and 12-18 month shelf life from date of manufacture.

The Sensititre NARMS MIC plates can be read manually without instrumentation, semi-automatically with Sensititre SensiTouch System (Part No. V3027-ST, V3010 and SW4000) or automatically with the Sensititre ARIS 2X System (Part No. V3000).

Please contact our Customer Service Department at 800-871-8909 and place your order today!

Part No. CMV2AGPF	Part No. CMV1AGNF
Chloramphenicol	Amikacin
Ciprofloxacin	Amoxicillin/clavulanic acid
Daptomycin	Ampicillin
Erythromycin	Cefoxitin
Flavomycin	Ceftiofur
Gentamicin	Ceftriaxone
Kanamycin	Chloramphenicol
Lincomycin	Ciprofloxacin
Linezolid	Gentamicin
Nitrofurantoin	Kanamycin
Penicillin	Nalidixic acid
Quinupristin/dalfopristin	Streptomycin
Streptomycin	Sulfisoxazole
Tetracycline	Tetracycline
Tigecycline	Trimethoprim/sulfamethoxazole
Tylosin tartrate	
Vancomycin	

Inside this issue:*NEW SWIN @ Epidemiology Module**para-JEM@ Windows@ Software Update**Sensititre@ NARMS MIC Plate Formats**Johne's Fecal Proficiency Test Challenges Some Labs**Time to Update Sensititre@ Standard MIC Plates!*Copyright 2003 by Randy Glasbergen.
www.glasbergen.com

"I'm sorry, son, but I don't like those friends you hang out with. They look like the type of hoodlums who would shed on the good sofa, chew socks, and drink from the toilet!"

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**"Howl at an ambulance or fire siren every chance you get.
Run around the room in circles with a sock in your mouth.
Eat a messy meal without using your hands or utensils.
Ask a friend to scratch your belly..."**

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