



Thermo Scientific *para*-JEM System
M. avium ssp. *paratuberculosis* Detection



Faster, more reliable

Johne's Disease detection

- Obtain results faster
- Improve sensitivity
- Reduce labor and improve workflow

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Automate diagnostic testing for *M. avium* spp. *paratuberculosis* detection

Reliably detect *M. avium* spp. *paratuberculosis* (MAP), the causative agent of Johne's Disease, in as little as 2-3 weeks with the Thermo Scientific™ *para*-JEM™ System. The *para*-JEM System combines a full line of reagents with the powerful Thermo Scientific™ VersaTREK™ Automated Microbial Detection System for fast, automated detection of MAP.

Unlike traditional solid medium culture methods, which can take up to 12 weeks to detect growth in ruminant fecal samples, the *para*-JEM System offers faster detection, increased recovery, and more efficient workflow in an easy to use, automated, liquid culture system.*



Get results faster

Recover MAP in as little as 2-3 weeks, much earlier than traditional methods*

Improve sensitivity

Provides increased overall sensitivity versus conventional methods*

Reduce labor, improve workflow

Most tests concluded at 6 weeks for high, medium and many low shedders, with fewer false positives, false negatives and contaminants*

Simplify workflow and bottle management with intuitive software system

Designed for ease of use, *para*-JEM™ Windows® Software was developed to make your job easier in the fight against Johne's Disease, providing efficient workflow, smooth processing, rapid access to sample information and simplified data retrieval.

- Auto-accession of samples and quick and easy recording of results provide maximum efficiency
- Dropdown list with dictionary capabilities facilitates efficient data entry
- Extensive reporting capabilities offer concise sample information at your fingertips



Need additional testing?

Consolidate all your liquid culture, including blood culture and sterile body fluids, onto one testing platform. With exceptional performance among even the most fastidious organisms, VersaTREK can reliably and quickly detect the toughest of organisms.

Only VersaTREK™ REDOX™ media offers:

- Innovative bottle design for easy and convenient sampling
- Reduced risk from sharps by eliminating the need for blood transfer devices
- No need for separate collection devices or specialty media, reducing costs



Ordering information

Instruments

Reference	Description	Testing Type(s)**
6240-04	VersaTREK 240 w/4 Drawers	Myco, blood, sterile body fluids
6240-04M	VersaTREK 240 w/ 4 Drawers	Myco only
6240-06	VersaTREK 240 w/6 Drawers	Myco, blood, sterile body fluids
6240-06M	VersaTREK 240 w/6 Drawers	Myco only
6240-08	VersaTREK 240 w/8 Drawers	Myco, blood, sterile body fluids
6240-08M	VersaTREK 240 w/ 8 Drawers	Myco only
6240-10	VersaTREK 240 w/10 Drawers	Myco, blood, sterile body fluids
6240-10M	VersaTREK 240 w/ 10 Drawers	Myco only
6528-14	VersaTREK 528 w/14 Drawers	Myco, blood, sterile body fluids
6528-14M	VersaTREK 528 w/14 Drawers	Myco only
6528-16	VersaTREK 528 w/16 Drawers	Myco, blood, sterile body fluids
6528-16M	VersaTREK M 528 w/16 drawers	Myco only
6528-18	VersaTREK 528 w/18 Drawers	Myco, blood, sterile body fluids
6528-18M	VersaTREK M 528 w/18 Drawers	Myco only
6528-20	VersaTREK 528 w/20 Drawers	Myco, blood, sterile body fluids
6528-20M	VersaTREK M 528 w/20 Drawers	Myco only
6528-22	VersaTREK 528 w/22 Drawers	Myco, blood, sterile body fluids
6528-22M	VersaTREK M 528 w/22 Drawers	Myco only

para-JEM Consumables

Reference	Description	Quantity
00-030	<i>para</i> -JEM BLUE	Each
7130-42	<i>para</i> -JEM Kit	250 tests/kit
7131-42	<i>para</i> -JEM Broth	50/box
7132-42	<i>para</i> -JEM GS	5/box
7133-42	<i>para</i> -JEM AS	5/box
7134-42	<i>para</i> -JEM EYS	5/box
7137-42	<i>para</i> -JEM Kit w/BLEU	250 tests/kit

para-JEM Ancillaries

Reference	Description	Quantity
6104-31	Computer with <i>para</i> -JEM Software	Each
6124-31	<i>para</i> -JEM Computer Package - Complete Package Windows for use with ESP	Each
6411-30	<i>para</i> -JEM Operators Manual	Each
6423-30	Rack, <i>para</i> -JEM	24 pos.
6450-35	VersaTREK EZ-ID Labels	100 ea.
6492-30	IKA Shaker, Clip Attachment	Each
6493-30	IKA Vibrax VXR Shaker	Each
6498-31	<i>para</i> -JEM Starter Kit	Each
SW1000	Printer, Barcode	Each
SW1101	Labels, <i>para</i> -JEM Barcode	1310 labels/roll

For more information on the *para*-JEM System, as well as our full range of veterinary microbiology solutions, visit thermoscientific.com/microbiology



*Cited as a conclusion from an abstract presented at the 43rd Annual AAVLD Meeting - A New Liquid Culture Method, the TREK ESP Culture System II, for the Rapid Detection of *Mycobacterium avium* subsp. *paratuberculosis* in Bovine Fecal Samples, S.J.Shin, et. al, College of Veterinary Medicine Diagnostic Laboratory, Cornell University.

**Note- myco testing is for the *para*-JEM System only.

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