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## “Merry Christmas and a Happy, Safe and Prosperous 2023”

On behalf of everyone at Davies Diagnostics (Pty) Ltd, I would like to wish you a Merry Christmas and a Happy, safe and prosperous 2023. A big thank you to all of our business partners for your support throughout 2022 and we look forward to this

continuing in the new year. Remember, we are always here to give you the “**EXTRA**ordinary Service” you deserve.

Please take note of the following dates and please ensure that all of your orders are placed in good time to carry you throughout the period that we will be closed.

\* Closing - 12:00 Friday 23 December 2022.

\* Reopen - 08:00 Wednesday 4 January 2023.

Please also note that our answering machine will be switched on and checked on a regular basis for any emergencies.

**Enjoy the festive season!**

**Greg Duncan-Trail: General Manager**



## MAST<sup>®</sup> DISCMaster 5

### Antibiotic Disc Dispenser Superior and accurate performance

- Guaranteed in-use disc stability of 4 weeks
- Optimal moisture protection
- Further enhanced to maintain superior performance

The **MAST<sup>®</sup> DISCMaster 5** dispenser has been developed to optimise performance and provides a reliable and robust solution for the dispensing of AST, ID and combination discs within the **MASTDISC<sup>®</sup>** range. Due to its novel and innovative design, the **MAST<sup>®</sup> DISCMaster 5** dispenser guarantees an in-use shelf life of 4 weeks for all

*antimicrobials including the carbapenem group* when stored using charged desiccant.

The **MAST<sup>®</sup> DISCMaster 5** is available in a convenient 6-place format, with an easy to use single-handed operation, permitting smooth integration into routine laboratory workflows and high throughput laboratories.

### Guaranteed in-use stability

All **MASTDISC<sup>®</sup>** AST including the carbapenem group are stable for 4 weeks, ensuring accurate and reliable results and convenience for stock control processes.

### Height adjustable

Fully height adjustable skirt, accommodating variable depths of culture media.

Audible location of cartridge position

Audible ‘click’ providing reassurance that cartridges are correctly seated in the dispenser.

### Optimal moisture protection

New interlocking seals on the

canister, providing improved protection against moisture. Designed to be used with **MAST<sup>®</sup> Silica Gel capsules**, available from stock **SILICA63**.

### Positive disc placement

**MASTDISC<sup>®</sup>** discs positively placed onto the agar surface permitting precise, centred positioning on each dispensing cycle.

Stainless steel base plate and ejector pins provide robust and long lasting performance.

### Lock-off indicated empty cartridge

Automatic lock-off, alerting user to an empty cartridge.

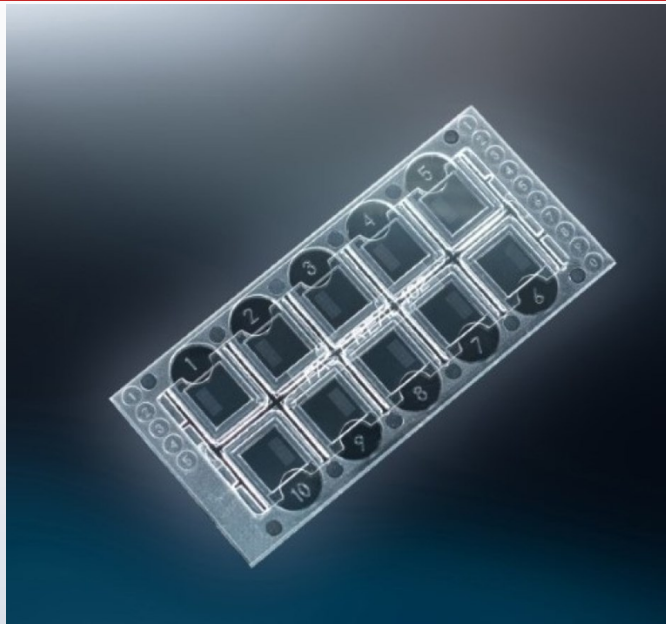
## Laboratory Planners

Yes it's that time of the year again! The 2023 version of our very popular laboratory planner will be available shortly.

We always try our best to distribute these to all our customers late November/early December, so please contact us if you have not received your laboratory planner by the end of December 2022, so that we can make sure that you receive yours as soon as possible.



## Fast-read® kits For the standardisation of Microscopic Urinalysis



**The FAST READ 102®** system improves the standardization of microscopic urinalysis and provides precision and reproducibility

to guarantee constant readings which will not be influenced by variations of techniques among different operators.

**FAST READ 102®** is made of a slide which is protected by an optically transparent film, with 10 independent chambers containing a standard volume of 7 µL. After dispensing the sample on the slide application area and thanks to a capillary mechanism, the sediment becomes homogeneously distributed in the reading chamber.

Each chamber is fitted with its own system for the collection of excess urine to prevent any possible contamination.

Furthermore **FAST READ 102®** slide allows easy identification of the sample by using the numbers printed on the sides.

The BVS100 device is manufactured in METHACRYLATE: rigid, transparent, resistant to

atmospheric agents, it replaces the glass in every its applications reaching high temperatures (lower than 90-100 °C).

### Features

- ◆ 10 independent counting chambers
- ◆ Easily determine specimen's number of cells per µl
- ◆ Easy identification of the sample
- ◆ Precision and reproducibility
- ◆ Manufactured in methacrylate
- ◆ CE-IVD marked



## Good Thinking!

**When it comes to making life liveable, small pieces of wisdom are often more valuable than great weighty thoughts!**

### Punny New Year's Jokes To Start off 2023 With the Best Laugh

- I was going to quit all my bad habits for the new year, but then I remembered that nobody likes a quitter.
- My New Year's resolution is to be more optimistic by keeping my cup half-full, with either rum, vodka or whiskey.
- I love when they drop the ball in Times Square, It's a nice reminder of what I did all year.
- What do you call always wanting a date for New Year's Eve? Social Security
- "I promise not to make any bad jokes for the rest of the year." A dad on New Year's Eve.
- My New Year's resolution is to stop procrastinating. But I'll wait until tomorrow to start.

## Chlamydia Trachomatis Antigen Rapid Test (Cassette)(Swab/Urine)

The Chlamydia Trachomatis Antigen Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Chlamydia in female cervical swab, male urethral swab and male urine specimens. The product can detect the Chlamydia serovars (D,E,F,H,I,K,G,J) and intended as a screening test and as an aid in the diagnosis of Chlamydia infection.

Chlamydia trachomatis is the most common cause of sexually transmitted venerea! Infection in the world. It is composed of elementary bodies (the infectious form) and reticulate or inclusions bodies (the replicating form). Chlamydia trachomatis has both a high prevalence and asymptomatic carriage rate, with frequent serious complications in both women and neonates. Complications of Chlamydia Trachomatis infection in women include cervicitis, urethritis, endometritis, pelvic inflammatory disease (PID) and increased incidence of ectopic

pregnancy and infertility. Vertical transmission of the disease during parturition from mother to neonate can result in inclusion conjunctivitis or pneumonia.

In men, complications of Chlamydia Trachomatis infection include urethritis and epididymitis. Traditionally, Chlamydia infection has been diagnosed by detection of Chlamydia Trachomatis inclusions in tissue culture cells. Culture method is the most sensitive and specific laboratory method, but it is labour intensive, expensive, long (48-72 hours) and not routinely available in most institutions.

The Chlamydia Trachomatis Antigen Rapid Test is a rapid test to qualitatively detect the Chlamydia antigen from female cervical swab, male urethral swab and male urine specimens, providing results in 10 minutes. The test utilizes antibody specific for Chlamydia Trachomatis to selectively detect Chlamydia Trachomatis antigen from female cervical swab male urethral swab and male urine specimens.





# Anaerobic cultivation

Pack-Anaero and Pouch-Anaero work as oxygen absorber-CO<sub>2</sub> generator. Only to open the aluminium pack and put the white sachet into the container. No need to add water. No need to use catalyst.



**Easy to Handle:** No water, no catalyst. Just only to put Anaero Pack in jar. Produces suitable atmosphere to grow microorganism. Three types of cultivation, i.e. anaerobic, microaerophilic and CO<sub>2</sub> cultivation are easy to prepare.

**Excellent Cultivation:** The concentration of CO<sub>2</sub> can be selected: 16 % or more for anaerobe, 5-8 % for microaerophiles and CO<sub>2</sub> 5 % for capnophiles. As for anaerobe, high CO<sub>2</sub> concentrations help to enlarge the size of colonies.

## Very Economical:

The prices of Anaero Pack are reasonable. Easy to cultivate with usual jars. No need to prepare any large equipment.

## Applicable for any types of Jars:

Anaerobic cultivation by Anaero Pack does not cause the excess change of pressure inside the jar. And does not generate high temperature. Those enable to use any types of jar.



Method	For Jar	For Pouch, Thin-Type Jar
Anaerobic	Anaero Pack- Anaero	AnaeroPouch- Anaero (for Pouch)
Microaerophilic	Anaero Pack- MicroAero	AnaeroPouch- MicroAero (for Pouch)
Capnophilic	Anaero Pack- CO <sub>2</sub>	AnaeroPouch-CO <sub>2</sub> (for Pouch)
Medium Pre-Reduction	Anaero Pack- Keep (for Standing-Pouch)	AnaeroPouch- Keep (for Pouch)



## How to use AnaeroPack-Anaero and AnaeroPouch-Anaero

	for Jar	for Pouch
Amount	For Jar volume 2.5 litre or less: One sachet For Jar volume 3 litre or more: More than two sachets in proportion to the volume.	For Pouch or Thin-Type Jar: One sachet Cannot be used for other jars except Thin-Type.
Attention for use	Oxygen absorption starts immediately when the aluminium bag is opened. After opening the aluminium bag, cover up the jar quickly (within one minute for Jar, 30 seconds for Pouch). When using more than two sachets, do not pile them. Used pack sometimes becomes hot because of the surplus ability. The sachets should be allowed to cool to room temperature for about 30 minutes prior to disposal. For thermophiles, use Anaero Pack-Anaero for thermophiles.	

**SPECIAL**

**OFFER**

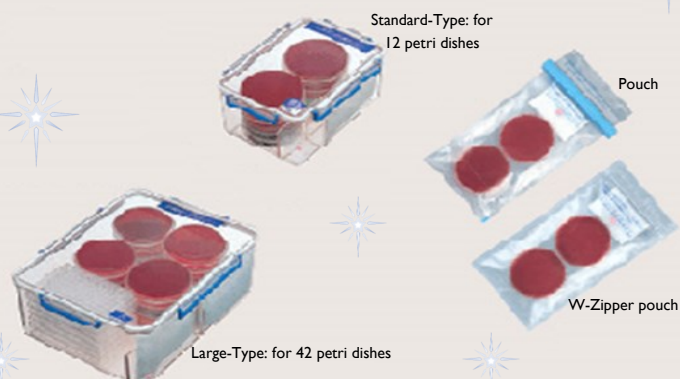
Buy any 10 boxes of sachets and get a 12 plate(2,5L) rectangular Jar for free.



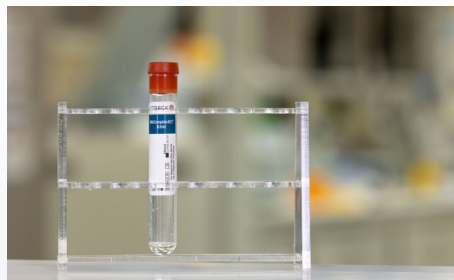
## The Complete Atmospheric Gas Generating System for Microbiology

Examples of cultivation using rectangular jars with compartment / Example of cultivation using pouch

### With special compartment



## RNA Complete BCT®



RNA Complete BCT is a direct draw blood collection tube that maintains the draw time concentration of cell-free RNA and extracellular vesicles, such as exosomes.

The preservative stabilizes cfRNA and exosome counts for up to 7 days when stored at room temperature, maximizing plasma yield and minimizing hemolysis during storage. By limiting the degradation of white and red blood cells, the specialized chemistry provides sample integrity during storage, shipping, and handling of blood samples.

Once isolated from stored plasma, the cfRNA and isolated EVs are suitable for many downstream applications, including ddPCR

### Features

- ◆ 7-day sample stability when stored at room temperature
- ◆ Isolated cfRNA is suitable for downstream applications, including ddPCR and next generation sequencing
- ◆ Compatible with commercially available total plasma nucleic acid isolation kits
- ◆ Compatible with standard low input RNA sequencing library prep kits
- ◆ Isolated extracellular vesicles are suitable for Nanoparticle Tracking Analysis or indirect analysis of EV-associated cargo

### Ordering information

RUO		CE	
Description	Catalog#	Description	Catalog#
6-Tube Pack	230460	6-Tube Pack	230579
100-Tube Pack	230461	100-Tube Pack	230580
1000-Tube Pack	230462	1000-Tube Pack	230581

**STRECK**  [www.streck.com](http://www.streck.com)

## Cell-Free DNA BCT® RUO & CE



Cell-Free DNA BCT is a blood collection tube that stabilizes cell-free DNA for up to 14 days at 6 °C to 37 °C and circulating tumor cells (CTCs) for up to 7 days at 15 °C to 30 °C.\* Once isolated from stored plasma, the cfDNA and CTCs are suitable for many downstream applications used in clinical research studies, drug discovery and diagnostic assay development.\*

Cell-Free DNA BCT RUO is For Research Use Only. Not for use in diagnostic procedures.

Cell-Free DNA BCT CE is for Export Only. Not for use in the U.S.

### Features

- ◆ 14-day cfDNA/gDNA sample stability at 6 °C to 37 °C
- ◆ Reagent stabilizes cfDNA without impacting downstream assays
- ◆ 7-day CTC sample stability at 15 °C to 30 °C\*
- ◆ Available in 10 mL draw

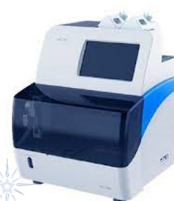
### Ordering information

RUO		CE	
Description	Catalog#	Description	Catalog#
6-tube pack	218961	6-tube pack	218996
100-tube box	218962	100-tube box	218997
1000-tube box	218992	1000-tube box	230244

Scan me to get more information on the below machines:



**MC500 automatic coagulation analyzer**



**VIRCLIA LOTUS**  
The revolution in infectious serology: any test, any sample, any



**SPLAT® II automated staining**



## Customer feedback

As part of our commitment to ISO9001:2008 we are continuously monitoring feedback from our customers. We are also continually striving to better our **EXTRA**ordinary Service philosophy. Should you have any comments, please send them to:

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