

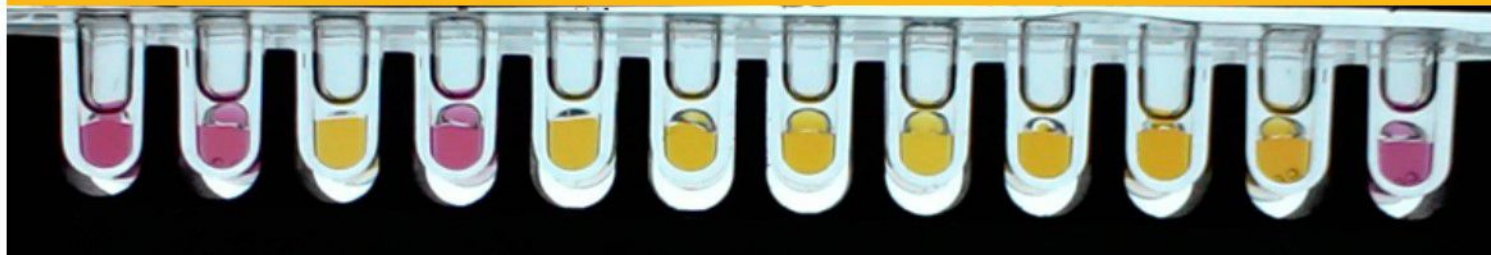
# ZEAKON DIAGNOSTICS

## SOLUTIONS FOR UROGENITAL MYCOPLASMA DIAGNOSIS

Being the first company worldwide offering an instrument in the urogenital mycoplasma diagnostic field in 2010, **ZEAKON Diagnostics** launches now the second generation of reader, **Mycoview StudioBox**, as well as a fully reformulated range of reagents to assist you in your routine diagnosis. Our research & development is focused on high quality products at competitive prices, as well as on innovative tools improving the efficiency of the laboratory testing.



## NEW MYCOVIEW QUANTUM PRODUCT LINE

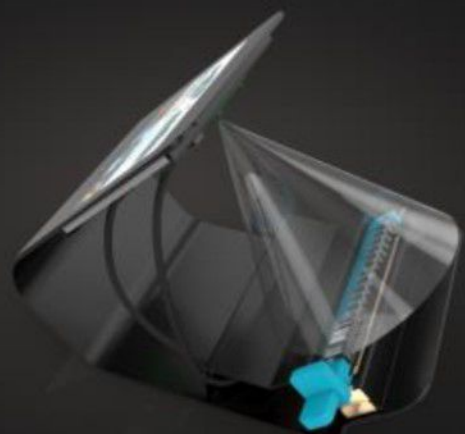


- Consistent & reliable performances
- Increased sensitivity
- Increased specificity
- Cancellation of the freeze dried C Medium
- No regeneration step
- Stable results, postponed reading up to 72 hours

## NEW MEDIUM FORMULATION

## NEW READER – MYCOVIEW STUDIOBOX

- Concept, Design, Manufacturing Made in France
- 7" touch screen with dedicated pen
- Based on image treatment embedded technology
- Reading of screening tests vials, 5 wells & 12 wells test strips
- Archive / export of results & photos (USB or ethernet)
- LIS connected instrument
- Barcode scanner included
- Optionnal Dymo printer : report edition including patient ID barcode
- Increased traceability : reading of patient ID & kit lot barcodes
- USB software update
- Optionnal quality controls with unlimited shelflife



For more information go to [www.zeakondiagnostics.co.za](http://www.zeakondiagnostics.co.za)



## Cell-Free RNA BCT®



Cell-Free RNA BCT® is a blood collection tube for preservation and stabilization of cell-free RNA in plasma for up to 7 days at room temperature. The patented preservative maintains the integrity of the plasma by preventing the release of cellular RNA from blood cells during sample handling, storage and transport.

### Applications

Recover high-quality cell-free RNA suitable for a targeted PCR applications commonly used in clinical research studies, drug discovery and diagnostic assay development.

### Consistent Results

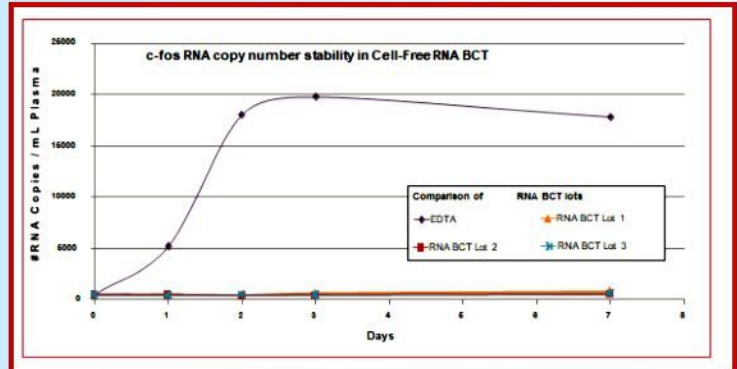
The enhanced stability and recovery of cell-free plasma RNA minimizes variability associated with cell-free RNA sample

handling and storage.

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

### Specifications

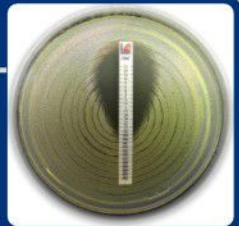
Blood Draw Volume	10.0 mL
cfDNA/gDNA Sample Stability	14 days at 6 °C to 37 °C
CTC Sample Stability	7 days at 15 °C to 30 °C



Plasma cell-free RNA was isolated from whole blood stored in K3EDTA and Cell-Free RNA BCT. Whole blood stored in K3EDTA had a significant increase in c-fos RNA copy number compared to whole blood stored in Streck Cell-Free RNA BCT over 7 days at room temperature. Three separate lots of Cell-Free RNA BCT were used and plasma extracted from whole blood of three subjects.

## FDA-Cleared Eravacycline 0.002-32 MTS™

Liofilchem has received clearance from the FDA to market in the United States the Eravacycline 0.002-32 MTS™ (MIC Test Strip) 0.002-32 µg/mL, a quantitative assay for determining the Minimum Inhibitory Concentration (MIC) of Omadacycline against both Gram-negative bacteria (*E. cloacae*, *K. pneumoniae*) and Gram-positive bacteria (*E. faecalis*, *S. lugdunensis*, *S. aureus*).



## Good Thinking!

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

### Funny Science Sayings

"Science has now determined there is a direct relationship between the way the ball bounces and the cookie crumbs".

*Anonymous*

"When science finally locates the centre of the universe, some people will be surprised to learn they're not it".

*Bernard Bailey*

## Customer Feedback

As part of our commitment to ISO13485 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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**We're on the web**  
[www.daviesdiagnostics.co.za](http://www.daviesdiagnostics.co.za)



# BORDETELLA VIRCLIA®

Indirect chemiluminescent immunoassay to test quantitatively antibodies against *Bordetella pertussis* toxin in human serum/plasma.



- Monotest format with ready-to-use reagents
- Simple and automated protocol with fast results
- Provides outstanding flexibility and easy handling to clinical laboratories
- Each monodose includes a calibrator and a negative control that enables the validation and interpretation of results for each individual sample
- Allows pipetting from primary sample tube, no further manipulation is needed.

Call us now for further information.



## MAST® DISCMaster 5

Antibiotic Disc Dispenser  
Superior and accurate performance

## NOW AVAILABLE

The **NEW MAST®** 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 MASTDISCS® range. Due to its novel and innovative design, the MAST® 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® 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 MASTDISCS® 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® Silica Gel capsules, available from stock SILICA63.

### Positive disc placement

MASTDISCS® 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.







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2019

Can you believe it - another year finished and another has started! What will 2019 bring us? Health, happiness and prosperity hopefully! But, who knows?

So - let's enjoy it while we can - at Davies Diagnostics that's what we will try and do while we are supporting you - our customers!

2019

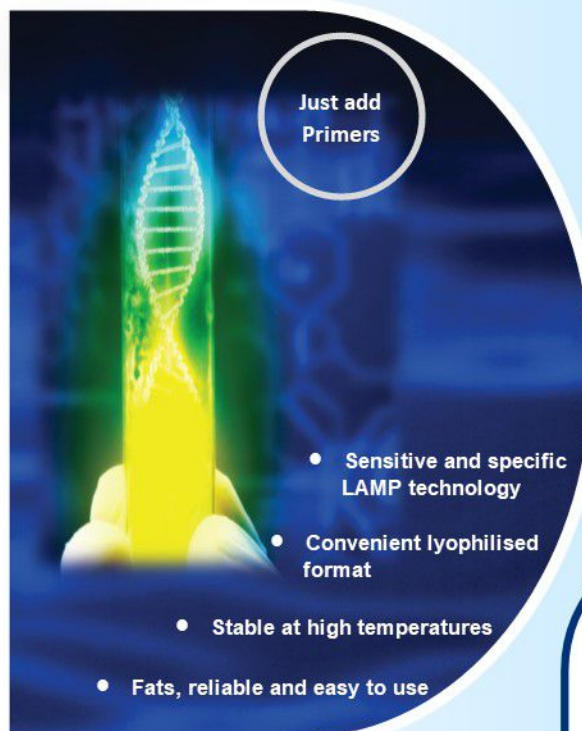
NEW  
PRODUCT

## MASTISOPLEX®

### DNA Lyo

Ready to use isothermal amplification kit

NEW  
PRODUCT



Loop-mediated Isothermal Amplification (LAMP) is a rapid nucleic acid amplification method, proven to overcome many of the practical limitations associated with conventional PCR. Developed by Notomi et al., in 2000<sup>1</sup>, LAMP amplifies DNA in a rapid manner with high efficiency under isothermal conditions. Driven by a single enzyme (Bst DNA-polymerase), LAMP has the ability to amplify large amounts of DNA in short periods of time using auto-cycling strand displacement DNA synthesis.

#### Convenient

MAST ISOPLEX® DNA Lyo, is a ready to use amplification kit, making molecular diagnostics with LAMP easy and efficient - *just add primers!* Kit reagents are provided as lyophilised pellets for easy transportation & storage, while reducing the hands-on time to make up and validate your assays.

#### Advantages of MAST ISOPLEX® DNA Lyo®

#### Stability

Pellet functionality has been shown to be unaltered by continuous exposure to high temperatures and humidity (13 weeks continuous exposure at temperatures up to 50°C with >90% relative humidity).

Product shelf life of unopened product is 1 year at room temperature (18°C to 25°C).

#### Flexibility

Reconstituted pellets can be freeze-thawed on multiple occasions (at least 5 times) with no adverse loss of functionality. Different ratios of reconstitution buffer to water can be used to optimize your assay.

#### Rapid

Positive results in as little as 5 minutes.



#### Easy to use

Simply resuspend lyophilised pellet in reconstitution buffer followed by addition of primers and sample DNA.



#### Sensitivity

Detects femtogram quantities of DNA.



#### Specificity

No false amplification detected in no template controls throughout reaction cycle time (40 minutes).

B-BBEE VERIFIED

EXTRAordinary Service  
That's us! - Dit is ons (Afrikaans)

