

Diagnostics Park, 141 Oak Avenue, Ferndale, Randburg, P O Box 3222.

Randburg 2125, Republic of South Africa, T

el: +27 11 777 7600,

Email: [customerservice@daviesdiag.co.za](mailto:customerservice@daviesdiag.co.za).

[www.daviesdiagnostics.co.za](http://www.daviesdiagnostics.co.za),

NEW!

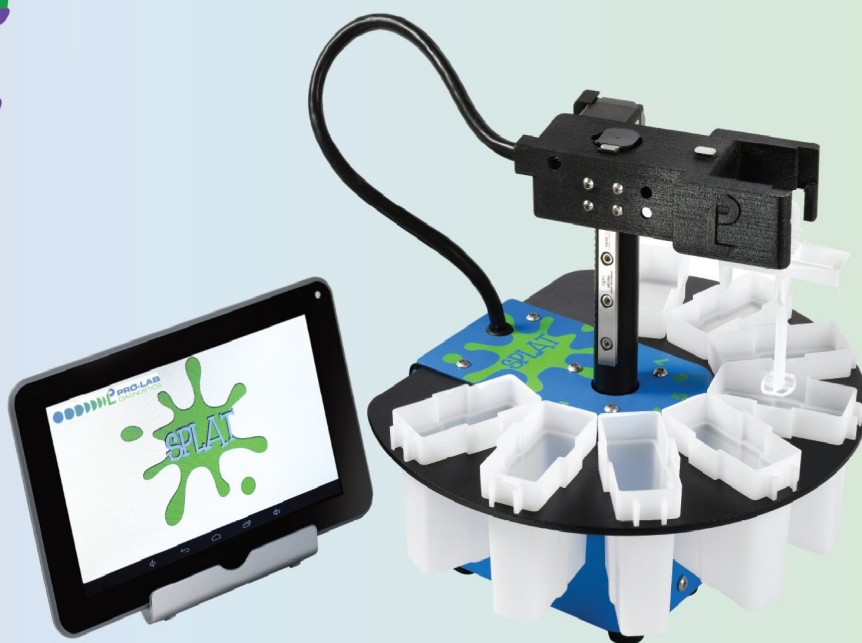
## SPLAT®

AUTOMATED STAINING

### CALL OR EMAIL US NOW FOR MORE INFORMATION

#### FEATURES

- COMPACT & ROBUST
- EASY TO INSTALL
- NO TAP REQUIRED
- STAINS 10 FILMS AT ONCE
- EASY TO PROGRAM
- UNLIMITED NUMBR OF STAINING TECHNIQUES
- 7 STAIN POSITIONS
- 70ML STAINING CAPACITY
- RINSE WATER IS ALWAYS CLEAN
- EASY TO LOAD
- QUET OPERATION
- AGITATION CAN BE SET AT DIFFERENT SPEEDS
- SOFTWARE HAS BUILT IN TIMER



I'm thick skinned,  
your words ain't got nothing on me  
I'm enough  
I'm loved  
I'm going to succeed  
Failure is the pillar of success



GRAM POSITIVE ATTITUDE VS GRAM NEGATIVE ATTITUDE

I'm fragile  
For most people  
I will always be the bad one  
Am I good enough?  
I can't do this  
I'm a failure that's it  
I'm quitting



We also have concentrated and ready to use strains

Crystal Violet

Gram's Iodine

Gram's Differentiator

Neutral Red

Safranin

Dilute Carbol Fuchsin

Lugol's Iodine

Iodine Acetone

Basic Fuchsin / Neutral Red

C. Violet - Ammonium Oxalate

## Bacterial Agglutinating Antisera



**Be Assured with MAST®  
ASSURE Agglutinating  
Antisera**

MAST® ASSURE Bacterial Agglutinating Antisera is a comprehensive range of both polyvalent and monovalent antisera for slide and tube agglutinations.

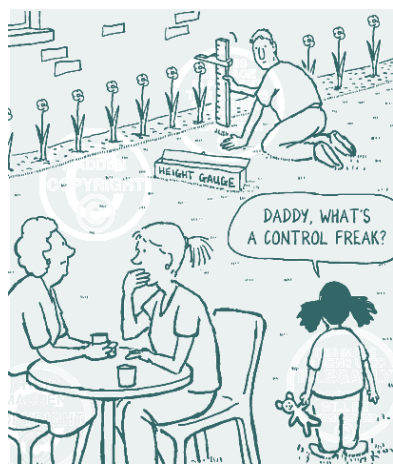
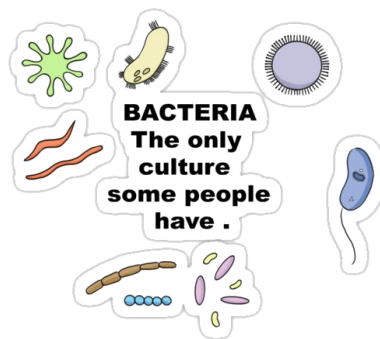
MAST® ASSURE Antisera products are used globally for antigenic analysis of clinically significant bacteria such as Salmonella spp, Shigella spp, Vibrio cholerae, Escherichia coli and many more. These are liquid stable reagents for the determination of specific antigens of pathogenic bacteria for identification and typing purposes.

Salmonella, Shigella, E. coli, V. cholerae, Yersinia, Listeria and Legionella are all available from stock.

An extensive range of MAST® ASSURE additional antisera is available, including Campylobacter, Clostridium and Haemophilus. Presented in a 2ml bottle

ensuring minimum laboratory wastage the MAST® ASSURE Antisera products guarantee high quality, simple slide and test-tube agglutinations with easy to read results.

For further information contact :  
[customerservice@daviesdiag.co.za](mailto:customerservice@daviesdiag.co.za)  
or visit our website :  
[www.daviesdiagnostics.co.za](http://www.daviesdiagnostics.co.za)



**Remember we  
are control (s)  
freaks!**

### Quality control in the laboratory

Quality Control (QC) in a laboratory setting is critical to ensure the accuracy of results used to deliver diagnostic information to patients. Aside from being a requirement, labs are constantly vigilant in ensuring the accuracy of their results, procedures and training. QC programs can be useful tools in reviewing not only the performance of instrumentation, but also the analytical processes that go into the determination of sample results.

## Prolex™ Latex Agglutination Systems

### Streptococcal Grouping Kit

The Prolex™ Streptococcal Grouping Latex Kit provides a rapid platform for the serological identification of beta-haemolytic streptococci belonging to Lancefield groups A, B, C, D, F and G.

Clinical, epidemiological and microbiological studies have conclusively shown that the diagnosis of streptococcal infections based on clinical symptoms always requires microbiological verification (4). Beta-haemolytic streptococci are the most frequently isolated human pathogens among the representatives of the genus Streptococcus.

Nearly all the beta-haemolytic streptococci possess specific carbohydrate antigens (streptococcal group antigens). Lancefield showed that these antigens can be extracted in soluble form and identified by precipitation reactions with homologous antisera. Different procedures for extraction of streptococcal antigens are currently in use (1,2,6,7,10,11).

The Prolex™ Streptococcal Grouping Latex Kit is based on liberation of specific antigen from bacteria cell walls by modified nitrous acid extraction. The extracted antigen in conjunction with latex agglutination offers a

rapid, sensitive and specific method for identification of streptococcal groups A, B, C, D, F and G from primary culture plates.

### Staph Latex Kit

The Prolex™ Staph Latex Kit provides a rapid platform for the identification of Staphylococcal isolates particularly Staphylococcus aureus which possess bound coagulase (clumping factor) and / or protein A from other species of staphylococci.

Although most Staphylococcus species are common inhabitants of the skin and mucous membranes, certain species have been found frequently as etiological agents of a variety of human and animal infections. Superficial suppurative infections caused by S. aureus are the most common human staphylococcal infections.

1 Food poisoning, septicemia, toxic shock syndrome and many other conditions also have been attributed to S. aureus. 2 Rapid slide agglutination tests have been shown to be a reliable method for the identification of S. aureus in the routine bacteriological laboratory. 3,6

## MC500 Automatic Coagulation Analyzer



*The venous whole blood within original tube can be tested on the machine directly.*

### Features :

- APTT correction test
- Multiple type of sample: Venous whole blood, plasma
- Rapid detection and good repeatability
- Easy to operate, compact and flexible
- Small package detection



Please Diarise The Date



**fidssa**  
federation of infectious diseases  
societies of southern africa

  
3 – 5 November 2022  
Elangeni & Maharani Hotel  
Durban, South Africa

## Good Thinking

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

**Looking for a joke to break the ice.**

### Bad Eating Habits

A mother complained to her consultant about her daughter's strange eating habits.

– "All day long she lies in bed and eats yeast and car wax. What will happen to her?"

– "Eventually," said the consultant, "she will rise and shine."

### Cosmetic surgery

A sign on a cosmetic surgery clinics says:

"If life gives you lemons, a simple operation can give you melons."

### Healthy living tips

Question: Does an apple a day keep the doctor away?

Answer: Only if you aim it well enough.

### What's the Best Type of Doctor?

The best doctor in the world is the veterinarian. He can't ask his patients what is the matter – he's got to just know.

- Will Rogers

### What a Spectacle

Q: Did you hear about the optometrist that fell into his lens grinding machine?

A: He made a spectacle of himself.



# Influenza A+B + RSV detection kit

## Pathogen and product description

**CerTest Influenza A+B+RSV one step combo card test** is a coloured chromatographic immunoassay for the simultaneous qualitative detection of Influenza type A and type B and Respiratory Syncytial Virus antigens from nasopharyngeal swab, nasopharyngeal wash or aspirate specimens.

**CerTest Influenza A+B+RSV combo card test** a simple and a highly sensitive screening assay to make a presumptive diagnosis of Influenza type A and B and/or RSV respiratory infection.



The clinical presentation of infections caused by the heterogeneous group of the respiratory viruses can be very similar. Thus, the implementation of this qualitative assay that rapidly identifies the most important viruses involved shows a great interest.

Influenza is caused by a virus that attacks mainly the upper respiratory tract – the nose, throat, bronchi and rarely the lungs. The infection usually lasts for about a week. It is characterized

by sudden onset of high fever, myalgia, headache and severe malaise, non-productive cough, sore throat and rhinitis. Most people recover within one to two weeks without requiring any medical treatment.

The currently circulating Influenza viruses that cause human disease are divided into two groups, A and B. Influenza A has 3 subtypes which are important for humans: A (H3N2), A (H1N1) and A (H5N1), of which the former is currently associated with most deaths.

Respiratory Syncytial Virus (RSV) is the most common cause of bronchiolitis and pneumonia among infants under 1 year of age. Illness begins most frequently with fever, runny nose, cough and sometimes wheezing. Severe lower respiratory tract disease may occur at any age, specially among the elderly or among those with compromised cardiac, pulmonary or immune systems.

RSV is spread from respiratory secretions through close contact with infected persons or contact with contaminated surfaces or objects. CerTest Influenza A + B + RSV one step combo card test is a coloured chromatographic immunoassay for the simultaneous qualitative detection of Influenza type A, type B and Respiratory Syncytial Virus antigens from nasopharyngeal swab, nasopharyngeal wash or aspirate specimens.



## CUSTOMER FEEDBACK

As part of our commitment to ISO13485:2016 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:

**Greg Duncan-Traill**  
Email:

Tel: 011 777 7605  
[greg@daviesdiag.co.za](mailto:greg@daviesdiag.co.za)

**Ishmael Leshoeli**  
Email:

Tel: 011 777 7602  
[ishmael@daviesdiag.co.za](mailto:ishmael@daviesdiag.co.za)

**Donna Pillay**  
Email:

Tel: 011 777 7623  
[donna@daviesdiag.co.za](mailto:donna@daviesdiag.co.za)



We are also on the web  
[www.daviesdiagnostics.co.za](http://www.daviesdiagnostics.co.za)