

RANDOX

VeraSTAT-V

Veterinary Excellence at the Point-of-Care



ACCURATE & RELIABLE RESULTS IN MINUTES

Point of Care Stable-Side Device
Facilitates Testing to Provide Accurate & Reliable Results in Minutes



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BENEFITS

The Randox VeraSTAT-V is a stable side device to be used with unique testing cassettes that detect, measure and monitor inflammation in whole horse blood. The VeraSTAT-V is built to be an active part of a stable yards equine management and care system.



ACCURATE RESULTS IN 6 MINUTES

Facilitates immediate decision making at the point-of-care, removing the delay in sending samples to the lab.



QUANTITATIVE RESULTS

Quantitative results helps to distinguish systemic infection from injury prone inflammation. Accurate results allows for informed decisions about the best treatment plan.



SIMPLE & EASY TO USE WITH MINIMAL TRAINING REQUIRED

Intuitive user interface guides the operator through the entire testing process.



SMALL FOOTPRINT ANALYSER EASILY TRANSPORTED TO ANY TESTING LOCATION

Lightweight, portable and convenient, the VeraSTAT-V can be used in a variety of locations delivering results when and where they are required.



ALL-IN-ONE CASSETTE

The test is conveniently supplied in a sealed cassette, with no preparation required.



SERUM AMYLOID A TEST

SAA is the fastest blood marker to rise in response to injury or infection making it a valuable veterinary biomarker.



EXPORT RESULTS

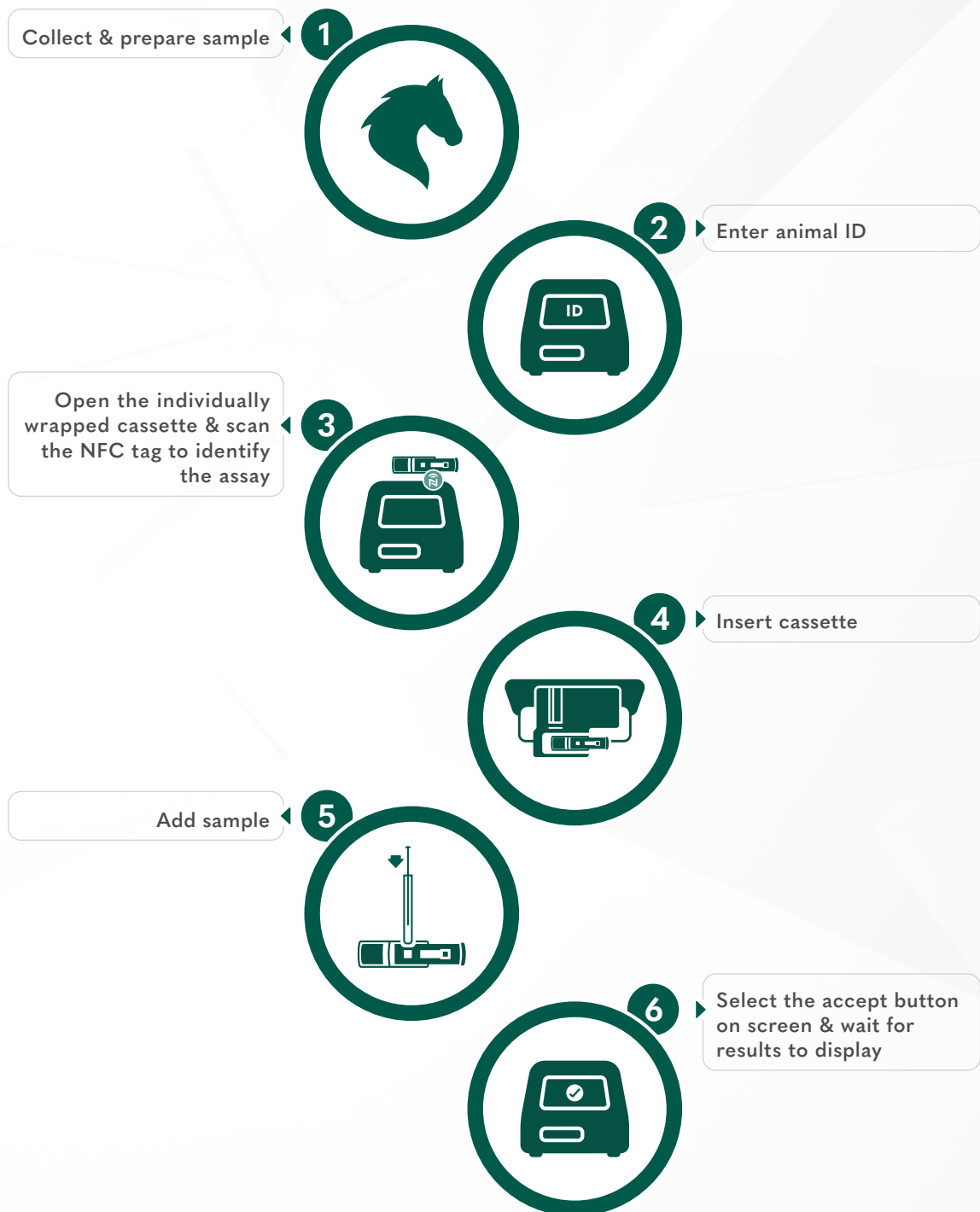
The VeraSTAT-V allows for results to be exported via bluetooth connectivity.



SMALL SAMPLE VOLUME

Requires just a few drops of whole blood, ideal for use at the point-of-care.

THE TESTING PROCESS



SERUM AMYLOID A TEST

Serum Amyloid A is a major Acute Phase Protein (APP) produced in the liver in response to inflammation. SAA is released into the bloodstream to alert the immune system that there is an infection or injury present. SAA is the fastest bio-marker to rise in response to inflammatory stimuli making this test a valuable diagnostic tool for detecting inflammation, monitoring health status as well as observing response to treatment plans.

EQUINE EXCELLENCE	
 Serum Amyloid A (SAA)	Sample Type: Whole Blood
	Sample Volume: 5 µL
	Assay Time: 6 minutes
	Working Range: 10-1500 mg/L
	Storage: 2°C to 8°C

ORDERING INFORMATION	
VS1001	VeraSTAT-V (Machine)
VS1002	Equine Serum Amyloid A (40 cassettes, 40 dilution buffer tubes, 80 capillary tubes, 1 IFU, 1 NFC card)



FOAL IgG

IgG is one of 5 types of immunoglobulin (Ig) antibodies (IgA, IgD, IgE and IgM), produced in the mare's colostrum. A newborn foal has no natural defence mechanisms against infection. Foals are entirely dependent on antibodies absorbed following ingestion of mare's colostrum.

Measuring the foal's IgG levels between 18 and 24 hours of life is recommended to ensure sufficient passive transfer has been achieved.

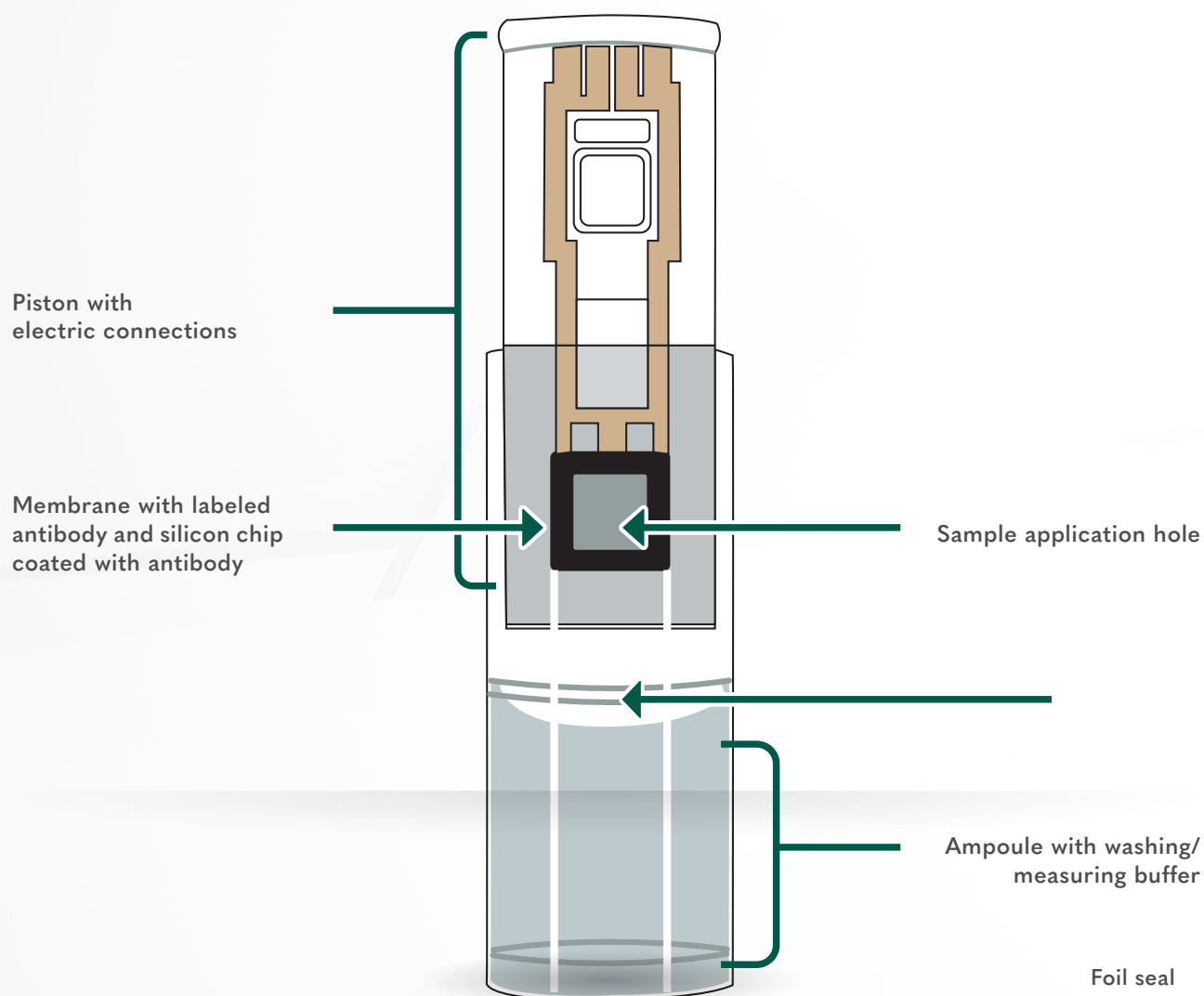
Ensuring that a foal is receiving the necessary colostrum and antibodies, testing IgG is essential. The immune system of the foals can be gauged by measuring the amount of IgG levels in its serum.

EQUINE EXCELLENCE	
 Foal IgG	Sample Type: Whole Blood
	Sample Volume: 10 µL
	Measuring Time: 6 minutes
	Measuring Range: 100-1500 mg/dL
	Storage: 2°C to 8°C

IN DEVELOPMENT
Equine Progesterone
Equine Testosterone

ORDERING INFORMATION	
VS1001	VeraSTAT-V (Machine)
VS1011	Foal IgG (20 cassettes, 40 dilution buffer tubes, 1 IFU, 1 NFC card)
VS1012	Accessory Kit

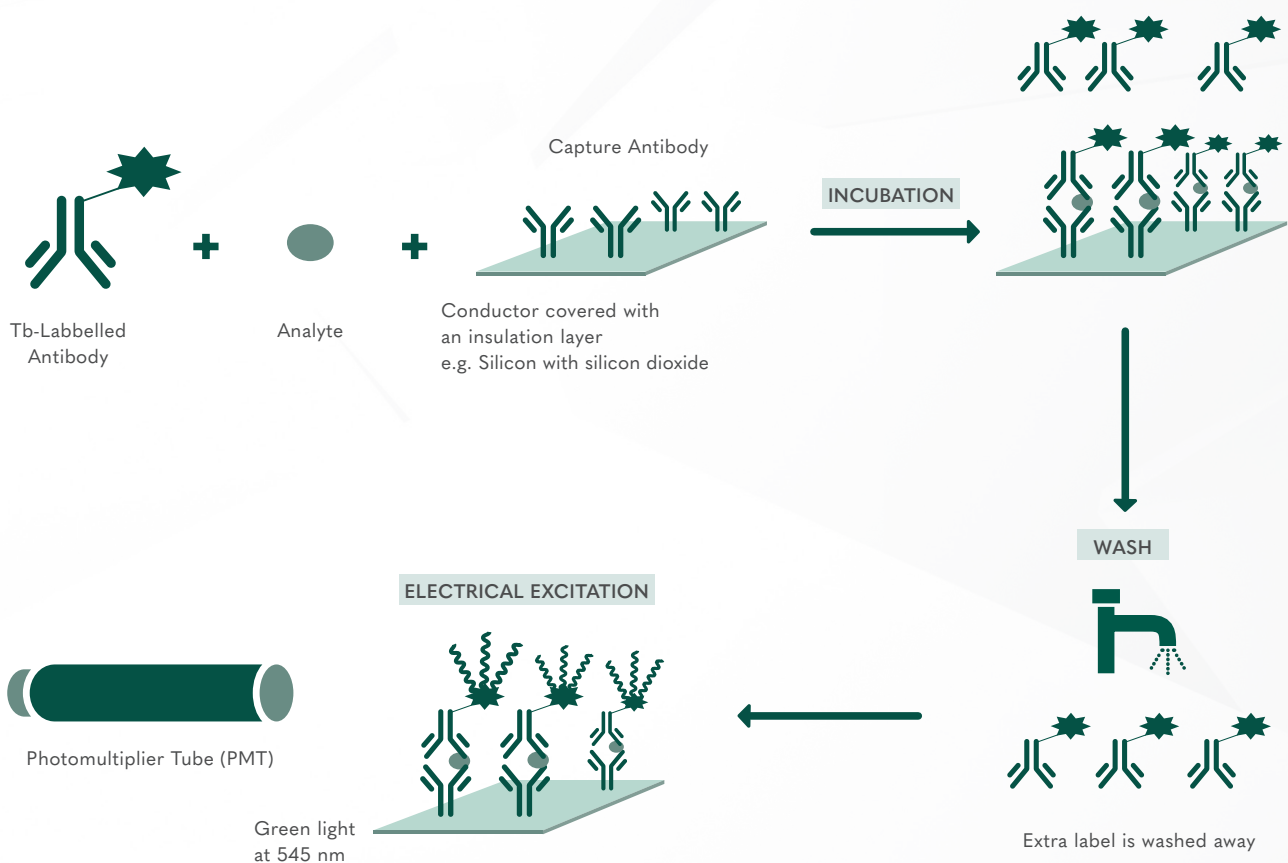
THE CASSETTE



OUR TECHNOLOGY

The VeraSTAT-V cassettes use patented Cathodic Electrochemiluminescence (C-ECL) ensuring cost effective yet highly sensitive testing.

1. The target analyte in the animal sample reacts with the labelled antibody and capture antibody.
2. After the reaction unbound or excess labelled antibody is washed away
3. The labelled antibody complex is excited with electricity. Resulting electrochemiluminescence is measured.



SPECIFICATIONS



Dimensions	Height: 16cm, Depth: 25cm, Width: 20cm
Weight	3.5kg
Power	100-240 V AC (50/60 Hz)
Operational Environment	TEMPERATURE: +18 °C to +35 °C MAXIMUM RELATIVE HUMIDITY: 80% LOCATION: Dry, clean, leveled surface away from direct sunlight, mechanical and magnetic
Interface	Colour touch screen NFC reader included
Memory	Stores up to 1000 results
Connectivity	Bluetooth connectivity allows results to be exported
Methodology	Cathodic Electrochemiluminescence (C-ECL)
Sample Type	Whole Blood Serum
Results	Quantitative and qualitative
Sample Volume	Minimum sample volume 5ul

ORDERING INFORMATION



With 40 years' experience in the diagnostics industry, we fully understand the demands and needs of each customer. We recognise the importance of maintaining a consistent workflow of high quality results with minimum downtime. Our global network of highly trained engineers and customer support scientists are on hand to work with you in preserving the continuity of your operations while maximising the potential of your Randox instrument.

ORDERING INFORMATION

Randox VeraSTAT-V

VSI001 - VeraSTAT-V (Machine)

VSI002 - Serum Amyloid A (Kit)

For more information contact your local representative, or email us at: marketing@randox.com

RANDOX - A GLOBAL DIAGNOSTIC SOLUTIONS PROVIDER

Randox has been supplying laboratories worldwide with revolutionary diagnostic solutions for 40 years. Our experience and expertise allow us to create a market leading product portfolio of high quality diagnostic tools which offer reliable and rapid diagnosis. We believe that by providing laboratories with the right tools, we can improve healthcare worldwide.



REAGENTS

Randox offers an extensive range of open channel diagnostic reagents which are internationally recognised as being of the highest quality; producing accurate and precise results. At Randox, we re-invest significantly in R&D to ensure we meet the ever-changing needs of the laboratory. Consequently, Randox offer a range of novel and superior performance assays, including: sdLDL-C, Lipoprotein (a), Copper and Zinc. Applications are available detailing instrument-specific settings for the convenient use of Randox Reagents on numerous clinical chemistry analysers.



INTERNAL QUALITY CONTROL

Acusera third party quality controls are made using the highest quality material of human origin, ensuring they react like a real patient sample. With more than 390 analytes available across the Acusera range we can uniquely reduce the number of controls required while reducing costs and time. Our product range includes clinical chemistry, immunoassay, urine, immunology and more. Qnostics molecular controls for infectious disease testing are designed to meet the demand of today's molecular diagnostics laboratory while effectively monitoring the entire testing process. Our whole pathogen molecular controls comprise of hundreds of characterised viral, bacterial and fungal targets.



EXTERNAL QUALITY ASSESSMENT

RIQAS is the world's largest international EQA scheme with more than 55,000 participants worldwide. 37 comprehensive, yet flexible programmes cover a wide range of clinical diagnostic testing including chemistry, immunoassay, cardiac, urine, serology and more. Our programmes benefit from a wide range of concentrations, frequent reporting, rapid feedback and user-friendly reports. QCMD, our range of EQA programmes for molecular infectious disease testing, features a whole pathogen matrix making them a true test of patient sample analysis. With access to over 90 programmes including blood borne viruses, respiratory diseases, multi-pathogen infections and more, there is something for every laboratory.



RX SERIES

Renowned for quality and reliability, the RX series test menu is world leading, comprising an extensive range of high quality diagnostic reagents including routine chemistry, specific proteins, lipids, therapeutic drugs, drugs of abuse, antioxidants and diabetes testing. With a range of semi-automated and automated analysers, the RX series offers versatility to suit the needs of all laboratory requirements to guarantee real cost savings through consolidation of routine and specialised tests onto one single platform. With five reliable platforms on which to base your laboratory analysis and placements in over 120 countries worldwide, the RX series continues to revolutionise a variety of laboratory types.

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This image shows a single sheet of white paper with horizontal blue or grey ruling lines, typical of notebook paper. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

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