

RANDOX

VeraSTAT-V

Veterinary Excellence at the Point-of-Care



ACCURATE & RELIABLE RESULTS IN MINUTES

Point of Care Stable-Side Device
Accurate & Reliable Results in Minutes



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BENEFITS

The Randox VeraSTAT-V is a stable-side device designed to detect, measure and monitor inflammation in whole horse blood. The device is a portable small footprint point of care device based on cathodic electrochemiluminescence technology. This next generation testing technology means that results will be available in as little as 6 minutes. The VeraSTAT-V is built to outshine and enhance detection in a stable yard setting for ultimate convenience.



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 diagnostic results when and where they are required.



ALL-IN-ONE CASSETTE

▶ The Equine Serum Amyloid A 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

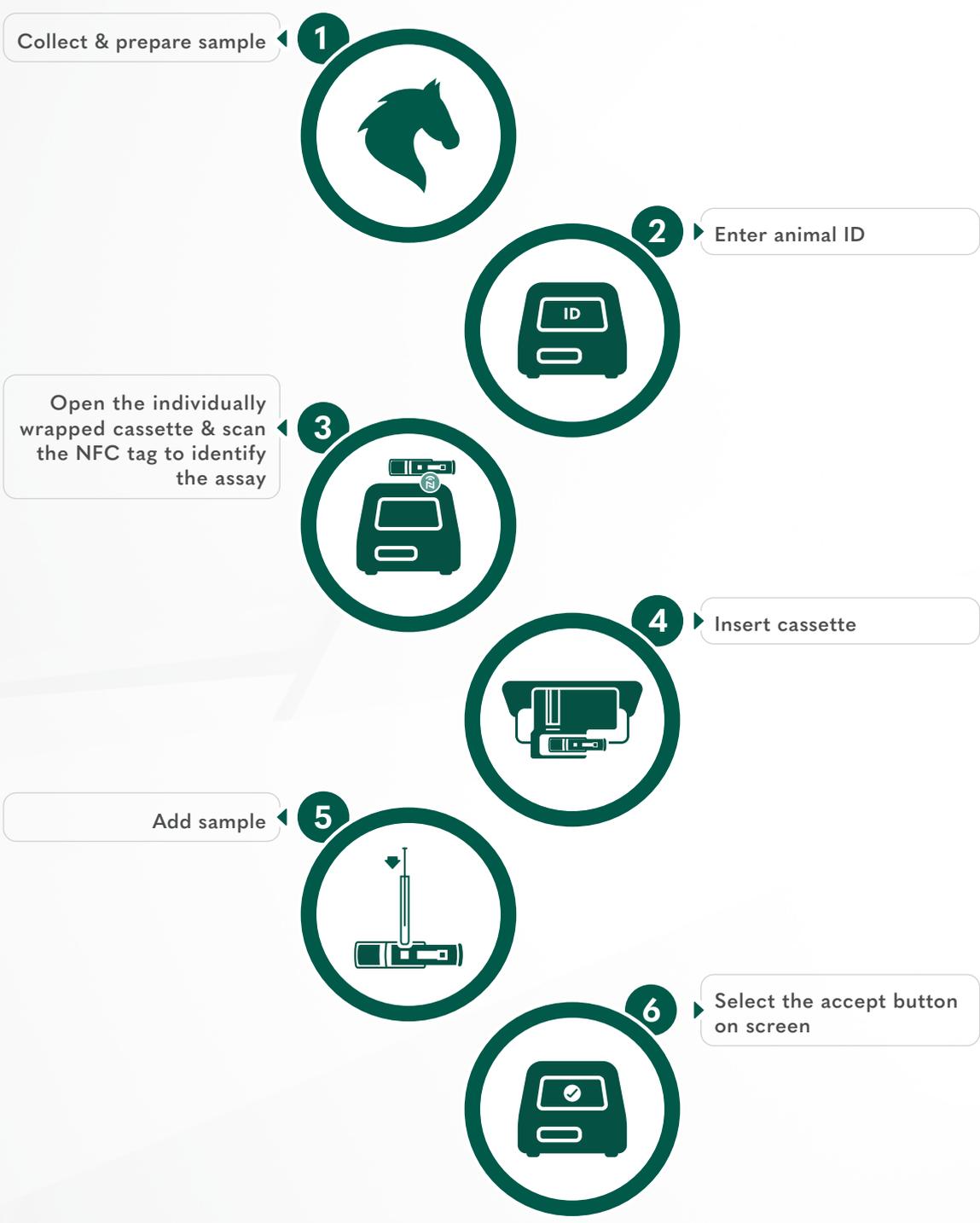
▶ The VeraSTAT-V allows for results to be exported via bluetooth connectivity.



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 μ L

Assay Time: 6 minutes

Working Range: 10-1500 mg/L

Storage: 2°C to 8°C

ORDERING INFORMATION

VS1001

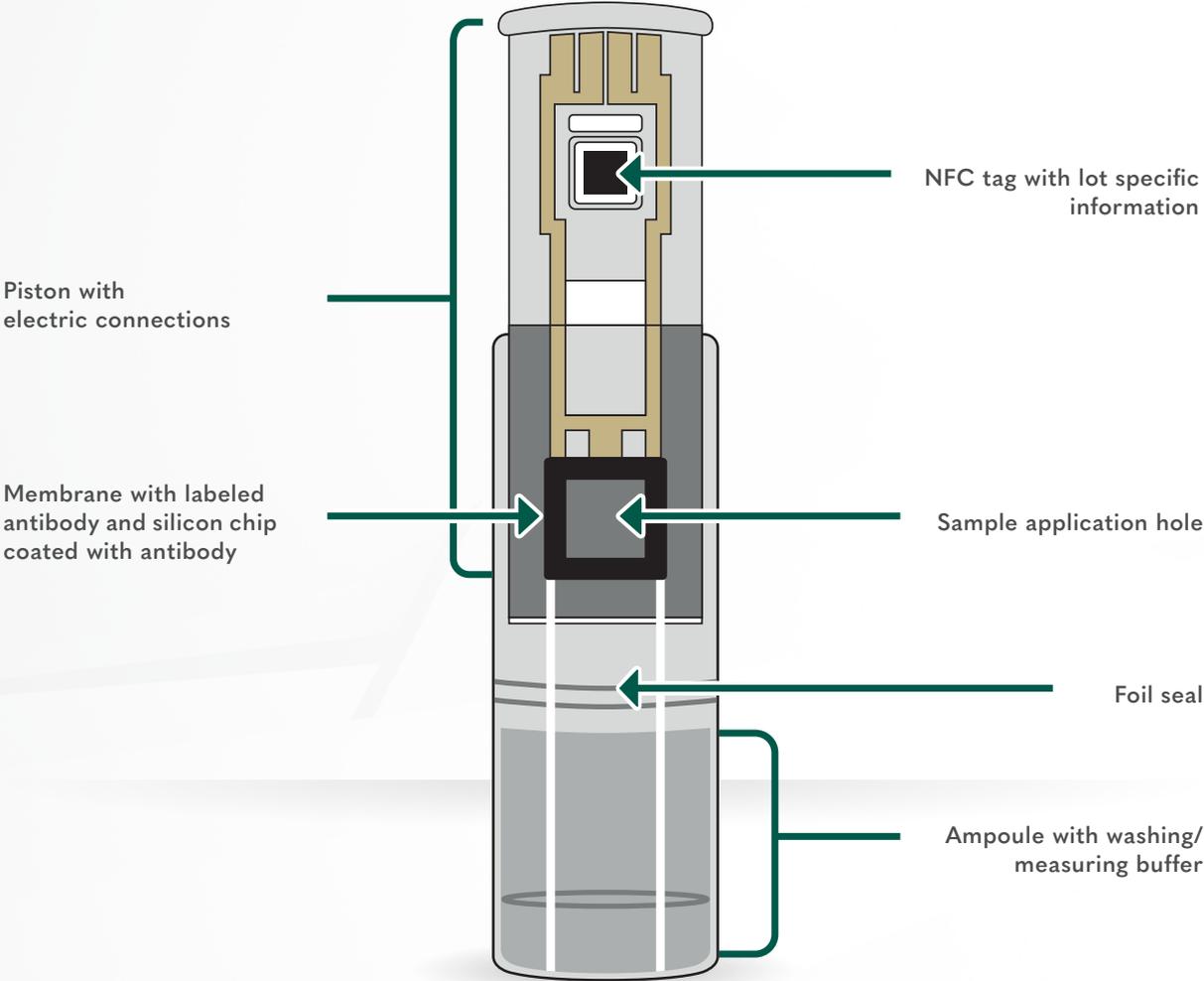
VeraSTAT-V (Machine)

VS1002

Equine Serum Amyloid A (40 cassettes, 40 dilution buffer, 80 capillary tubes, 1 IFU, 1 NFC card)



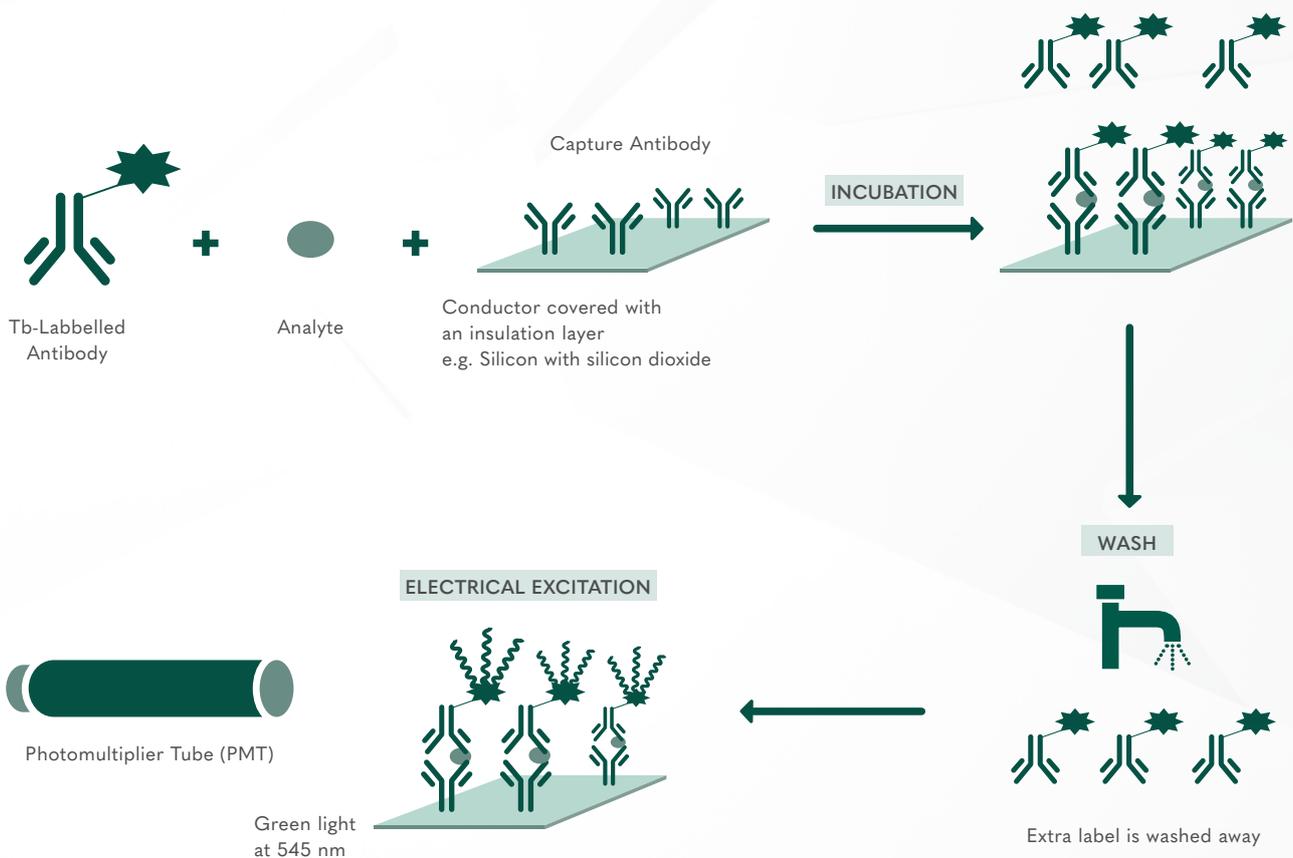
THE CASSETTE



OUR TECHNOLOGY

The VeraSTAT-V uses 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.

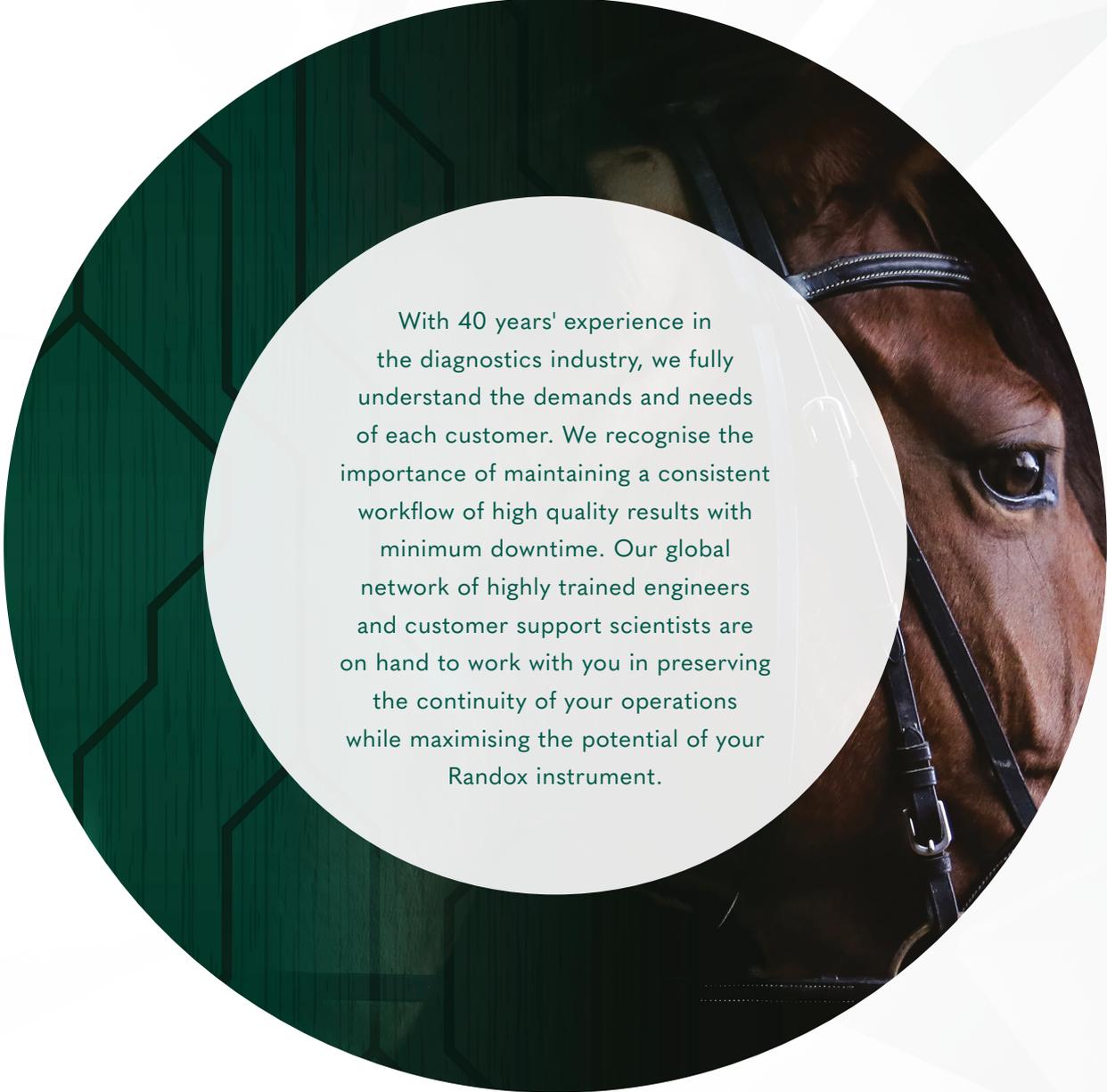


SPECIFICATIONS



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

Radox 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



Radox offers an extensive range of third-party diagnostic reagents which are internationally recognised as being of the highest quality; producing accurate and precise results. At Radox, we re-invest significantly in R&D to ensure we meet the ever-changing needs of the laboratory. Consequently, Radox offer a range of novel and superior performance veterinary assays, including: Fructosamine (Glycated Serum Protein), Non-Estrified Fatty Acids (NEFA), D-3-Hydroxybutyrate, Total Antioxidant Status (TAS), Glutathione Peroxidase, Copper, Zinc and more. Applications are available detailing instrument-specific settings for the convenient use of Radox 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.

EVIDENCE SERIES



In 2002, Radox invented the world's first, Biochip Array Technology, offering highly specific tests, coupled to the highly sensitive chemiluminescent detection, providing quantitative results instantly changing the landscape of diagnostic testing forever. The Radox Evidence Series of multi-analyte immunoanalyser's provide an unrivalled increase in patient information per sample offering diagnostic, prognostic and predictive solutions across a variety of disease areas with a highly advanced clinical and toxicology immunoassay test menu including cardiac, diabetes, drugs of abuse, metabolic and renal markers.

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