

**RANDOX**

**VERASTAT**

Excellence at the Point of Care



Accurate & Reliable Results in Minutes

Accurate & Reliable Results in Minutes



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# BENEFITS

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The Randox VeraSTAT is a simple, accurate, fast, portable point of care device based on cathodic electrochemiluminescence technology. Designed to offer users the next generation of rapid diagnosis providing results in as little as 6 minutes. The superiority of the VeraSTAT allows for users to overcome performance limitations of previous generation tests relating to sensitivity, accuracy, ease of use and cost efficiency. Combined with a versatile test menu, the Randox VeraSTAT is built to outshine and enhance detection in any setting.



## ACCURATE RESULTS IN AS LITTLE AS 6 MINUTES

Eliminate delays in sending samples to the lab and facilitate immediate decision making at the point of care.



## SIMPLE AND EASY TO USE

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



## SMALL FOOTPRINT ANALYSER EASILY TRANSPORTED TO MULTIPLE TESTING LOCATIONS

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



## ALL-IN-ONE CASSETTE

All necessary reagents are conveniently included in each single use, sealed cassette with no preparation required. All necessary consumables are supplied with the kit.



### **VERSATILE TEST MENU**

Flexible test menu comprising a range of immunoassay, protein, inflammatory, diabetes & infectious disease markers.



### **EXPORT RESULTS**

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



### **SMALL SAMPLE VOLUME**

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

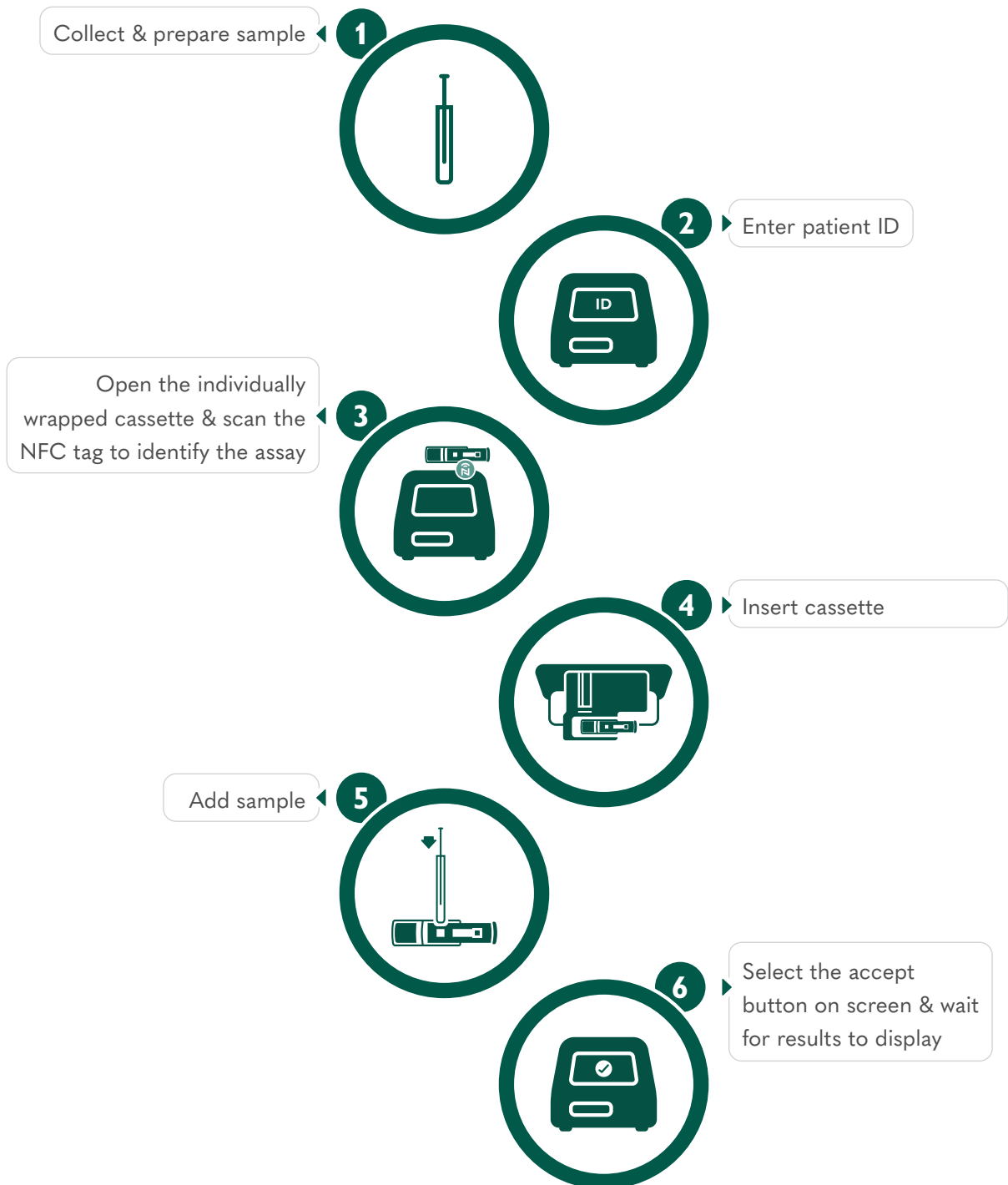


### **BUILT IN QC MODULE**

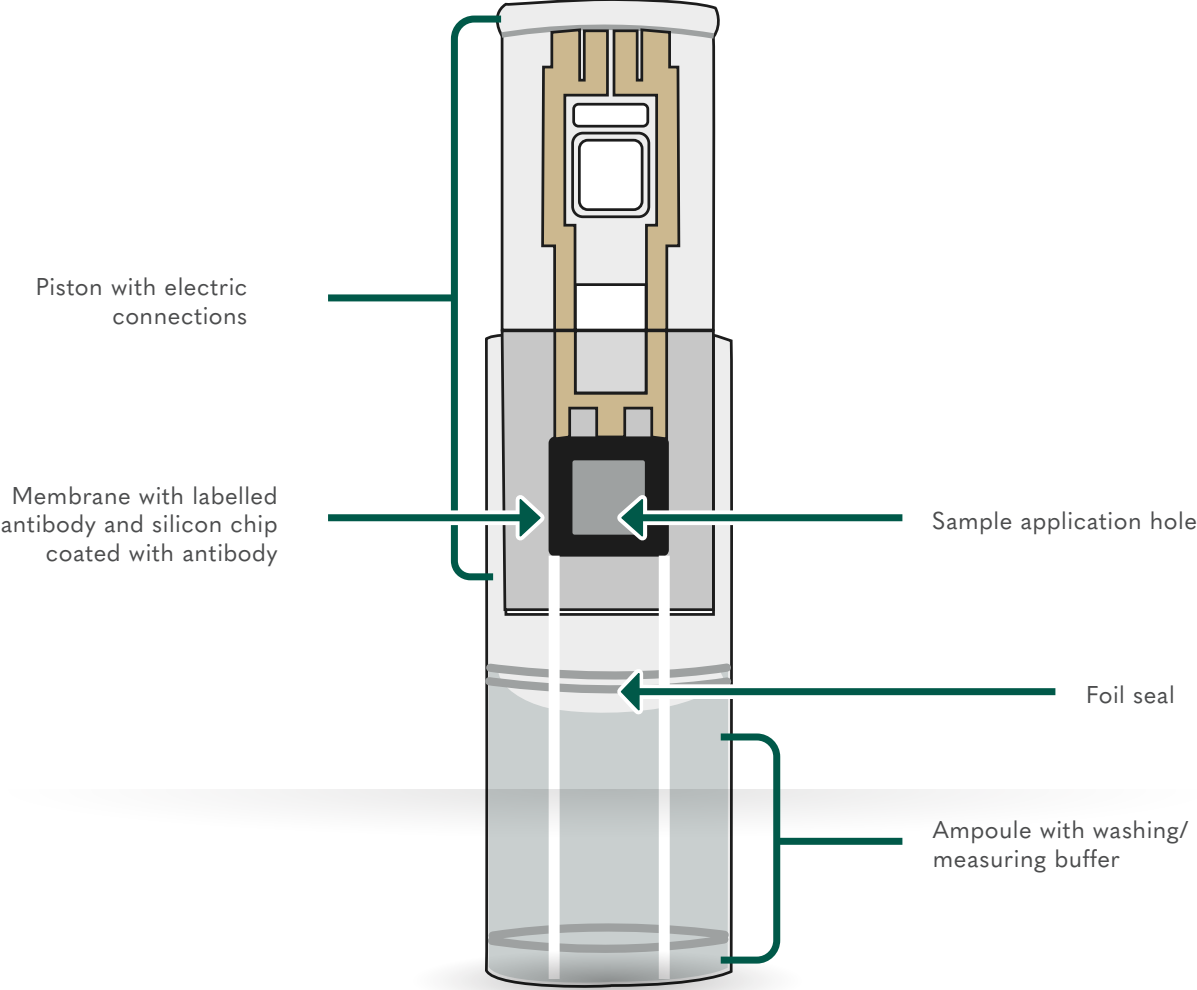
Dedicated QC module allowing QC history to be easily accessed.

# THE TESTING PROCESS

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# THE CASSETTE



# TEST MENU



## INFLAMMATION AND INFECTION

### SARS-CoV-2 IgG (NP) **\*In Development**

For the qualitative determination of present or past immune response to SARS-CoV-2 virus exposure in whole blood samples.

### SARS-CoV-2 IgG (RBD) **\*In Development**

For the qualitative determination of present or past immune response to SARS-CoV-2 virus exposure or vaccination efficiency in whole blood samples. The test is suited for monitoring COVID-19 vaccines that are based on SARS-CoV-2 spike-protein producing systems.

### SARS-CoV-2 (NAB) **\*In Development**

For the qualitative determination of SARS-CoV-2 neutralizing antibodies (NAB) in the whole blood samples

### C Reactive Protein (CRP)

C-reactive protein (CRP) is the dominant acute phase protein often used to guide treatment of a bacterial infection or inflammation associated with tissue injury, inflammatory disorders and associated diseases.

CRP measurements can also be used to assess the risk of cardiovascular disease, infection in neonates and for the early detection of renal allograft rejection.

CRP combined with MxA on the Randox VeraSTAT offer laboratories a powerful method in the fight against the antimicrobial resistance problem globally.

Sample Type: Whole Blood

Sample Volume: 5 µl

Assay Time: 6 mins

Working Range: 5-200 mg/L

Precision: CV <10%

Storage: 2-8 °C

Ordering Information: VS1003

### Myxovirus Resistance Protein 1 (MxA)

Protein (MxA) is an informative general marker for the most common acute viral infections. As a key mediator of infection, MxA protein has the potential to greatly enhance the rapid distinction between viral and bacterial respiratory infections.

Sample Type: Whole Blood

Sample Volume: 10 ul

Assay Time: 12 mins

Working Range: 100-1000 µg/L

Precision: CV <15%

Storage: 2-8 °C

Ordering Information: VS1004



# TEST MENU



## DIABETES MARKERS

### Glycated Haemoglobin (HbA1c) *\*In Development*

For the quantitative determination of Hemoglobin A1c in whole blood samples.



## CARDIAC MARKERS

### Creatine Kinase MB (CKMB) *\*In Development*

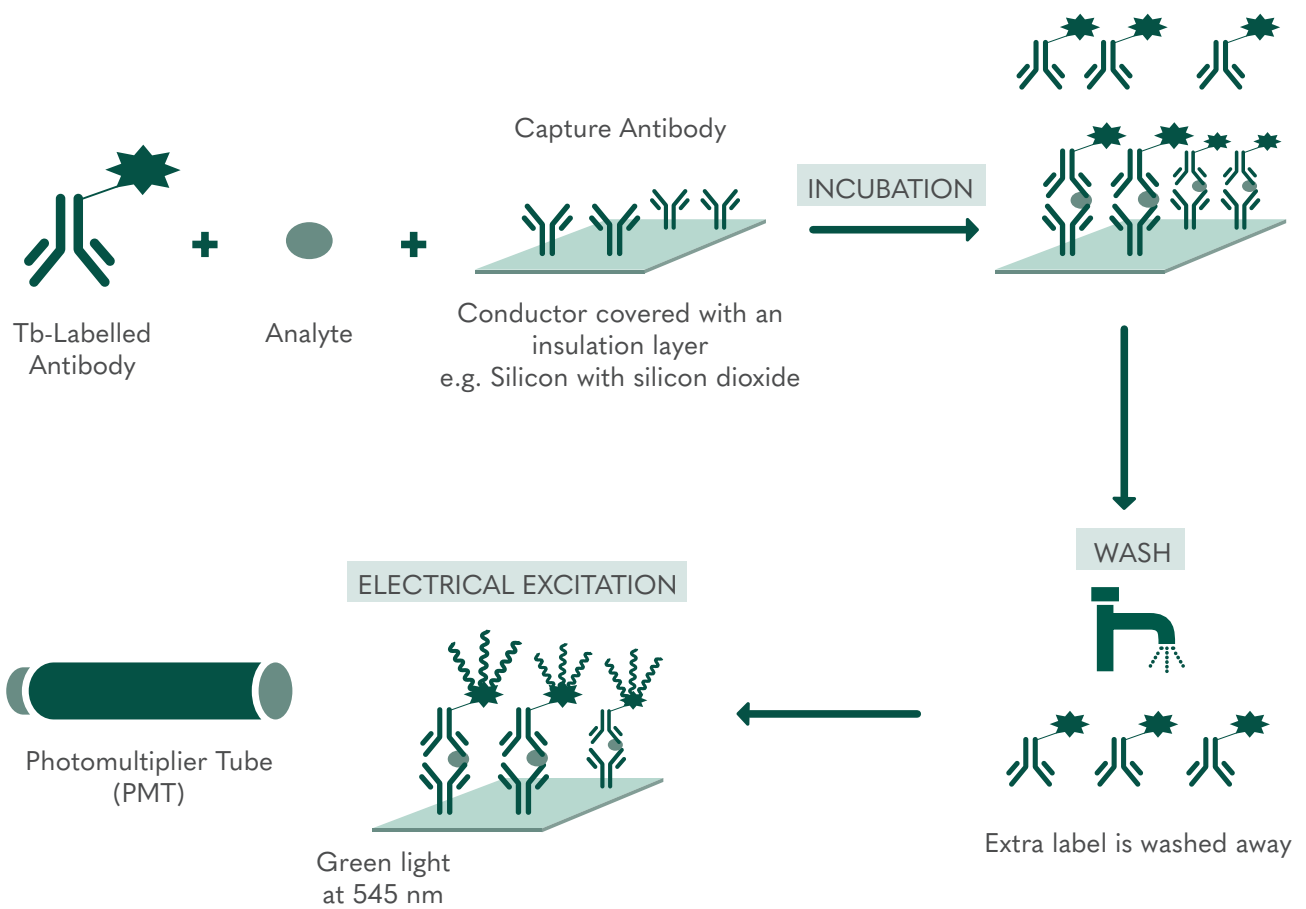
For the quantitative measurement of CK-MB in whole blood samples to assist diagnoses of an acute myocardial infarction.



# OUR TECHNOLOGY

The Radox VeraSTAT uses patented Cathodic Electrochemiluminescence (C-ECL)

1. The target analyte in the patient 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: 18.5cm
Weight	3.5kg
Power	100-240 V AC (50/60 Hz)
Interface	Colour touch screen NFC reader included
Operational Environment	Temperature: +18 °C to +35 °C Maximum Relative Humidity: 80% Location: Dry, Clean, leveled surface away from direct sunlight, mechanical and magnetic interference
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
Operating Temperature	+18 °C to +35 °C

# ORDERING INFORMATION

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With almost 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

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Randox VeraSTAT

VS1000

For more information contact your local representative, or email us at: [marketing@randox.com](mailto:marketing@randox.com)



# RANDOX - A GLOBAL DIAGNOSTIC SOLUTIONS PROVIDER

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Randox has been supplying laboratories worldwide with revolutionary diagnostic solutions for almost 40 years. Our experience and expertise allow us to create a 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 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 hundreds of characterised viral, bacterial and fungal targets.



## EXTERNAL QUALITY ASSESSMENT

RIQAS is the world's largest international EQA scheme with more than 50,000 participants worldwide. 33 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 combines robust hardware and intuitive software with the world leading RX series test menu comprising an extensive range of high quality reagents including routine chemistries, specific proteins, lipids, therapeutic drugs, drugs of abuse, antioxidants and diabetes testing. The RX series offers excellence in patient care delivering unrivalled precision and accuracy for results you can trust, guaranteeing real cost savings through consolidation of routine and specialised tests onto one single platform.

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Contact us for more information on any of our products and services:

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# RANDOX



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