

Alifax S.r.l. was founded in Padua, Italy in 1988 and, as a result of their innovation-focused vision, they are one of the leading international players in the field of Haematology. The invention of the TEST1 revolutionised the way in which the Erythrocyte Sedimentation Rate was analysed by generating results in just 20 seconds thanks to quantitative capillary photometry.

Capillary Photometry technology overcomes the majority of the variables and limitations of the sedimentation method. (ICSH Recommendations 2017).

The launch of the new TEST1 2.0 is the beginning of the new generation of ESR systems.



### Alifax TEST1 2.0 ESR Analyser

- Stabilised temperature at 37°C
- No sample dilution
- Use of EDTA sample tube direct from CBC
- Bi-directional LIS connection
- Automated mixing step
- 120 sample capacity
- Up to 195 tests per hour
- Continuous loading of samples
- Internal automatic washing system
- Internal camera and barcode reader
- Independent external channel for low volume and urgent samples

### Alifax ESR Reagents

- Latex controls – 3 levels for precision, accuracy and reproducibility
- Environmentally friendly SMART Test cards in a variety of sizes – 1000, 4000, 10000 and 20000 tests
- International third party EQA schemes available:



### Alifax ROLLER20PN ESR Analyser

- Double circuit for automatic and manual sampling
- 175µl of EDTA sample for automated withdrawal
- 100µl of EDTA sample for manual withdrawal
- LCD touch screen
- User-friendly software
- Automatic washing system
- External barcode reader

Oxford Biosystems provides a number of products for specific areas of Haematology clinical testing and research.

- **ViennaLab assays for the identification of specific Genetic Disorders**
- **SD Biosensor hand-held G6PD analyser**
- **Quansys Biosciences Q-Plex quantitative measurement of 4 Malaria biomarkers in a single test**

### ViennaLab Haemochromatosis

Hereditary haemochromatosis (HH) is caused by mutations in the HFE, TFR2 or FPN1 genes, and is characterised by the progressive accumulation of iron in various organs. ViennaLab assays identify the most frequent genetic variants causing iron overload.

- RealFast® real-time PCR kits for HFE C282Y and H63D
- Haemochromatosis StripAssay® A: 12 HFE, 4 TFR2 and 2 FPN1 mutations
- Haemochromatosis StripAssay® B: 3 most common HFE mutations: H63D, S65C, C282Y

### ViennaLab Thalassaemia

Thalassaemia are characterised by inherited defective haemoglobin synthesis leading to microcytic, haemolytic anaemia. Genetic analysis is required to confirm the diagnosis and is indispensable for genetic counselling.

- 3 separate  $\beta$ -Globin StripAssays® tailored for specific geographical regions
- $\alpha$ -Globin StripAssay® includes 21 of the most common defects found in the Mediterranean, Middle East and South East Asia
- $\beta$ -Thal Modifier StripAssay® to detect 5 genetic modifiers. Results support therapeutic decisions and help in predicting the clinical course of  $\beta$ -Thalassaemia and Sickle Cell disease in newborn

### SD Biosensor STANDARD G6PD

STANDARD G6PD is a small, hand-held G6PD enzyme activity analyser designed to maximise convenience.

- G6PD & total Hb measurement to provide ratio (U/g Hb)
- 10 $\mu$ l of capillary or venous whole blood
- Rapid, simple test procedure with results in 2 minutes
- Distinguishes intermediate G6PD activity
- Battery operated for on-site testing
- Test strips stored at room temperature



### Quansys Biosciences Q-Plex Human Malaria (5-Plex)

A quantitative chemiluminescent multiplex assay for the concurrent surveillance of four malaria biomarkers. The assay simultaneously measures HRP2, LDH-Pan, LDH-Pv, LDH-Pf, and one host biomarker, CRP, as an indicator of inflammation.

It is validated for use with human whole blood, plasma and serum samples.

The Q-Plex Malaria kit is a result of Quansys' commitment to support ongoing efforts to eradicate Malaria in developing countries. The kit was developed in partnership with PATH and supported by a grant from the Bill & Melinda Gates Foundation.



### Our products are manufactured by companies including:

Alifax S.r.l., Italy

ViennaLab Diagnostics, Austria, part of the BioVendor Group

SD Biosensor INC, Republic of Korea

Quansys Biosciences Inc, USA

Please visit our website [www.oxfordbiosystems.com](http://www.oxfordbiosystems.com)  
or contact us directly by phone +44 (0)1235431390  
or email [sales@oxfordbiosystems.com](mailto:sales@oxfordbiosystems.com) to discuss  
your specific assay requirements.

