




# HAEMATOLOGY

Oxford Biosystems Ltd works with two companies that offer innovative instrumentation for the busy Haematology laboratory that needs fast, accurate results.

## Automated ESR results in 20 seconds

Alifax (Padova, Italy)

Alifax systems employ a proprietary light detection method to detect the aggregation of red blood cells. All measurements are from EDTA samples and are measured at 37°C to overcome the variability and limitations of the sedimentation method.

	 <b>Jo-Plus</b>	 <b>Test1</b>	 <b>Roller 20PN</b>
Batch Size	No limit	Maximum 60	Maximum 20
Samples / hour	180	140	80 (internal circuit)
Sample volume	200µL	200µL	200µL (internal circuit) 100µL (external circuit)
LIS connectivity	Yes	Yes	Yes
Daily maintenance	15 minutes	15 minutes	2 x 15 minutes
Weekly maintenance	15 minutes	15 minutes	15 minutes
Patient ID input	LIS	Internal barcode reader	External barcode reader

## Rapid lateral flow test for Sick Cell Disorders of haemoglobin A, S and C

Biomedomics (Morrisville, USA)

Sickle SCAN® is a multiplexed qualitative point-of-care immunoassay used for the rapid diagnosis of sickle cell disorders. The test is made up of three indicators which detect the presence of haemoglobins A, S, and C, allowing the user to rapidly distinguish between normal, carrier, and sickle cell samples. Completed in under 5 minutes the test uses a small amount of whole blood from a fingerstick, heelstick, or venipuncture. A method for bloodspot samples is also available.

The test can be used for:

- Newborn screening
- Premarital/preconception genetic counselling
- Blood donor screening
- General screening



## Molecular genetic testing

ViennaLab Diagnostics (Vienna, Austria)

ViennaLab offers a variety of easy-to-use in vitro diagnostic kits for the detection of genetic mutations, as well as genetic predispositions, pharmacogenetics and oncology.

**ViennaLab StripAssays®** based on reverse hybridisation, carry up to 48 immobilised probes for wild-type and mutated alleles.

20 Tests per kit

Product code	Description
4-130	β-Globin StripAssay® MED
4-140	β-Globin StripAssay® IME
4-150	β-Globin StripAssay® SEA
4-160	β-Globin StripAssay®
4-170	β-Thal Modifier StripAssay®
4-210	Haemochromatosis StripAssay® B
4-220	Haemochromatosis StripAssay® A
4-230	FMF StripAssay®
4-240	CVD StripAssay®
4-250	Gaucher Disease StripAssay®
4-260	FV-PTH-MTHFR StripAssay®
4-710	PGX-HIV StripAssay®
4-720	PGX-5FU StripAssay®
4-730	PGX-Thrombo StripAssay®
4-740	PGX-TPMT StripAssay®
4-750	PGX-CYP2C19 StripAssay®
4-760	PGX-CYP2D6 StripAssay®
5-560	BRAF 600/601 StripAssay®
5-570	BRAF StripAssay®
5-580	KRAS-BRAF StripAssay®
5-590	KRAS StripAssay®
5-620	NRAS XL StripAssay®
5-630	EGFR XL StripAssay®

**ViennaLab RealFast™** Assays based on real-time PCR, detect single polymorphisms (SNPs) and copy number variations (CNVs) quickly and easily.

100 Reactions per kit

Product code	Description
7-110	FV Leiden RealFast™ Assay
7-120	PTH 20210G>A RealFast™ Assay
7-130	HFE C282Y RealFast™ Assay
7-140	HFE H63D RealFast™ Assay
7-150	LCT -13910C>T RealFast™ Assay
7-160	MTHFR 677C>T RealFast™ Assay
7-170	MTHFR 1298A>C RealFast™ Assay
7-180	PAI-1 4G/5G RealFast™ Assay
7-190	VKORC1 -1639G>A RealFast™ Assay
7-200	IL28B RealFast™ Assay
7-210	SLCO1B1 c.521T>C RealFast™ Assay
7-230	FGB -455G>A RealFast™ Assay
7-240	FXII 46C>T RealFast™ Assay
7-250	FXIII V34L RealFast™ Assay
7-410	CAH RealFast™ CNV Assay
7-610	HLA-B5701 RealFast™ Assay
7-620	HLA-B27 RealFast™ Assay



## Rapid tests for Malaria, Infectious Mononucleosis and D-dimer

Nal von Minden (Moers, Germany)

Nal von Minden produce a wide range of rapid tests including the ones listed below. The Colibri reader allows you to keep a permanent electronic record of your results. Positive control material is also available.

Product code	Description	Tests/kit
472003N - 25	NADAL Malaria 4 species (Malaria tropica/quartana/tertiana + Plasmodium ovale)	25
472030N - 25	NADAL Malaria Pf/Pan Antigen	25
472036N - 25	NADAL Malaria Pf Antigen	25
472009 - 25	NADAL Malaria Pf/Pv Antibody	25
351007	NADAL D-dimer	10
252001	NADAL Mononucleosis	20
2150001	NVM Colibri reader	each

Scan here for more information



Oxford Biosystems Ltd  
184B Park Drive, Milton Park, Abingdon, Oxfordshire OX14 4SE  
Tel: 01235 431390  
Email: sales@oxfordbiosystems.com  
[www.oxfordbiosystems.com](http://www.oxfordbiosystems.com)

