



## GET IN TOUCH

### **Sterilab Services**

The Depot  
Mornington Terrace,  
Harrogate  
North Yorkshire  
HG1 5DH

t. +44 (0) 1423 523300  
e. [sales@sterilab.co.uk](mailto:sales@sterilab.co.uk)  
w. [sterilab.co.uk](http://sterilab.co.uk)

# PRODUCT OVERVIEW



PASSIONATE ABOUT  
BETTER PATIENT CARE





## OUR HISTORY

**Sterilab started life in 1999 as Sterilab Services, supplying infectious disease assays and laboratory plasticware to the PHLS and NHS laboratories.**

Over the past two decades, we've evolved from a supplier of products to become a trusted partner in the provision of high-quality connected systems and support services, relied on by Point-of-Care Testing associates and in Pathology departments across the UK.

We've built up a carefully selected network of global supply partners who are leaders in their sectors, who share our vision of continual improvement and innovation, with superb quality and well proven products.

We have also built our customer support, product training and technical support team to provide a level of service second to none – to provide a full range of services and products that you can depend on.



# OUR BRAND VALUES



## PERSONAL APPROACH

By listening closely to the needs of each client we are dedicated to building personalised solutions based on individual needs.



## IMPECCABLE SERVICE

Being trusted to deliver - on time, every time. Investing in Products, People and Technology. Putting the customer first.



## SUSTAINABILITY

Reduce the impact on the environment, through Green Agenda initiatives, promoting sustainability and environmental awareness at all levels.



## LEADING EDGE TECHNOLOGY

Customer feedback and relentless desire for improvement feeds directly into product design. This means our products are increasingly recognized as leading the way in technology and features.



## LONG TERM RELATIONSHIPS

Our approach is always to focus on the long term – building mutually beneficial relationships and trust with all our stakeholders – customers, staff, suppliers and healthcare community.



# OUR COMMITMENT

Sterilab is committed to pursue all our business dealings with the highest standards of professional and ethical conduct.

Always meeting our legal obligations and being reliable, honest, and trustworthy in all our dealings. Keeping our promises and taking responsibility for our actions.

We will continue to strengthen our traditions of building long term mutually beneficial relationships with our stakeholders – with customers, suppliers and colleagues.

We will continue our focus on putting the customer needs first; going the extra mile and beyond the expected.

We aim to turn every query or complaint into a positive experience. We will never stop learning. We will strive for continual improvement and not compromise on quality or safety.

We will continually invest in our people, products, processes, IT and management systems as part of our commitment to continual improvement



Sterilab Services is certified to  
ISO9001:2015

# HERE'S WHAT OUR CUSTOMERS SAY ABOUT US:

*"We consider Sterilab to be our "Gold Standard" as a company. We receive orders, quotes, technical help very quickly and efficiently.*

*Nothing seems too much trouble for the team!*

*Help with Standard Operating Procedures and high-quality useful training documents are provided to us and in case of breakdown we receive a back-up analyser very quickly which minimises disruption to our departments.*

*As a company we feel that Sterilab really listen to what their customers need, and I wouldn't hesitate to recommend your products."*

NHS POCT Coordinator, North West



*"Sterilab are the gold standard"*





# CASE STUDY : CONNECTED URINALYSIS SOLUTION

## THE BACKGROUND

Harrogate Hospital were looking to improve standards in Point-of-Care urinalysis testing, with better management and training of operators, and monitoring QC.

## THE CHALLENGE

The Trusts existing analysers were not connected and had limited capability of managing operators. Breakdowns and costs of repairs and delivery costs were cited as being a source of frustration. Upgrading the existing analysers for connectivity involved high costs. The Trust were also looking to gain accreditation for their POCT service.

## OUR APPROACH

Sterilab visited the Trust to develop a complete understanding of how the testing was being done, what problems they were experiencing and what they were looking for in terms of improvements. Following a demonstration of the Urilyzer 100 Pro system, the POCT team were sufficiently impressed to arrange a trial in a clinical unit.

## OUTCOMES

Sterilab installed and commissioned 36 Urilyzer 100 Pro analysers and worked closely with the POCT team to deliver high quality comprehensive user training for operators.

Sterilab collaborated with the development teams at Analyticon and Conworx to develop the interfaces to the Trusts UNIPOC POCT data management solution. Sterilab also worked with Trust IT to enable Wi-Fi connections.

The connected solution allows Patient result transfer, centralized real-time management of operators, oversight of QC performance and a device list. It also gives the Trust an audit trail of reagents and operators. An e-learning program is now available to assist in the retraining of operators.

*“Sterilab have been a very responsive company to work with; we have been able to work with them to tailor-make the functionality of the device to meet the needs and requirements of our users. This has enabled us to meet the POCT ISO standards and achieve accreditation of these devices and this service both on site at our outreach clinics and community hospital.*”

*Our user feedback has been extremely positive and in the rare event that an analyser encounters a mechanical failure Sterilab have been extremely reactive in ensuring the continuation of our service. Our close working relationship with the company has enabled us to help Sterilab exploit the full potential of the device and we have benefitted from a bespoke and intuitive service from Sterilab”*

Nicky Hollowood, POCT Manager



# PRODUCTS

## ► URINALYSIS - POCT

Urilyzer® 100 Pro Urine test strip analyser	08
CombiScreen® PLUS Urine test strips	09
CombiScreen® mALB/CREA Urine Microalbumin test	10

## ► URINALYSIS - MICROBIOLOGY

URILYZER® SED Urine Sediment	11
------------------------------	----

## ► QUALITY CONTROLS

Quantimetrix® 3rd party liquid-stable controls	13
--	----

## ► HAEMATOLOGY - POCT

Hemolyzer® 5 NG Full Blood Count 5-part diff	14
Hemolyzer® 3NG Full Blood Count 3-part diff	15

## ► POCT

SmarTTester® CRP   cTnI   D-dimer   hCG	16
NG Test® Whole Blood hCG	17

## ► INFECTIOUS DISEASE

MP BIO Elisa® Elisa Test kits	18
MP BIO WB® Western Blot kits	19
MP BIO Rapids® Rapid Tests kits	20
CORIS BioConcept® Rapid Respiratory and Enteric Tests	21

## ► SAMPLE COLLECTION

Vacumed® Evacuated urine collection	22
Sterlin® Sample Collection products	23





# URILYZER® 100 PRO

## URINE TEST STRIP ANALYSER

Sleek and compact with an intuitive colour touch screen – Urilyzer is not just a pretty face. Designed to facilitate compliance to ISO 22870 accreditation, Urilyzer is packed with state-of-the-art connectivity and POCT management features.

Automatically producing a full audit trail, with advanced QC management and control of operators, Urilyzer provides peace of mind for POCT managers and delivers consistent accurate and reliable results where you want them, including right into the patient record.

### Advanced POCT management features

- Operator lockout – with up to 4000 operators
- Advanced QC lockout with Liquid stable 3rd party QC
- Automatic full audit trail created - quick barcode data entry
- Connect with ethernet or wi-fi

### NEW advanced features for remote management from middleware

- Positive Patient ID with ADT feed
- Reagent management – restrict access to approved lots
- Operator messaging and training expiry dates – keep operators training up to date
- Operator proficiency test – automate observed competency record keeping



Connects with Abbot AegisPoc, Siemens UNIPOC and POCcclerator, Nova BioConnect, Roche COBAS-IT, Radiometer AQUIRE, Werfen GEMWEB

### Sterilab offer a full management service

- Implementation support, Interfacing support
- Initial ongoing and refresher training, Audit, e-learning
- Repairs and Maintenance contracts
- 3rd party QC and EQA
- Scheduled management review meetings



# COMBISCREEN® SYS PLUS

## URINE TEST STRIPS

CombiScreen strips are easier to read - with a single reaction time, a perfect parallel reading scale and enamelled label for perfect colour matching.

CombiScreen strips are the result of 25 years of continuous innovation in urinalysis. Manufactured in Germany in a state-of-the-art automated production facility under tightly controlled conditions, with rigorous quality control standards.

CombiScreen PLUS strips are protected from Ascorbic acid interference.

CombiScreen 5 SYS PLUS | CombiScreen 7SYS PLUS | CombiScreen 11SYS PLUS

- Excellent sensitivity detecting even low-level pathological changes
- Packaging protects against humidity to expiry. No need to discard after 3 months
- Distinct colour changes in the clinical decision range
- Enamelled label for perfect colour matching
- Simpler timing all pads can be read after one minute
- Parallel reading scale and matched spacing - reduces potential for error



  
Strip canisters are manufactured from recyclable aluminium rather than plastic. Cardboard packaging contains the Greenpoint mark for recycled content





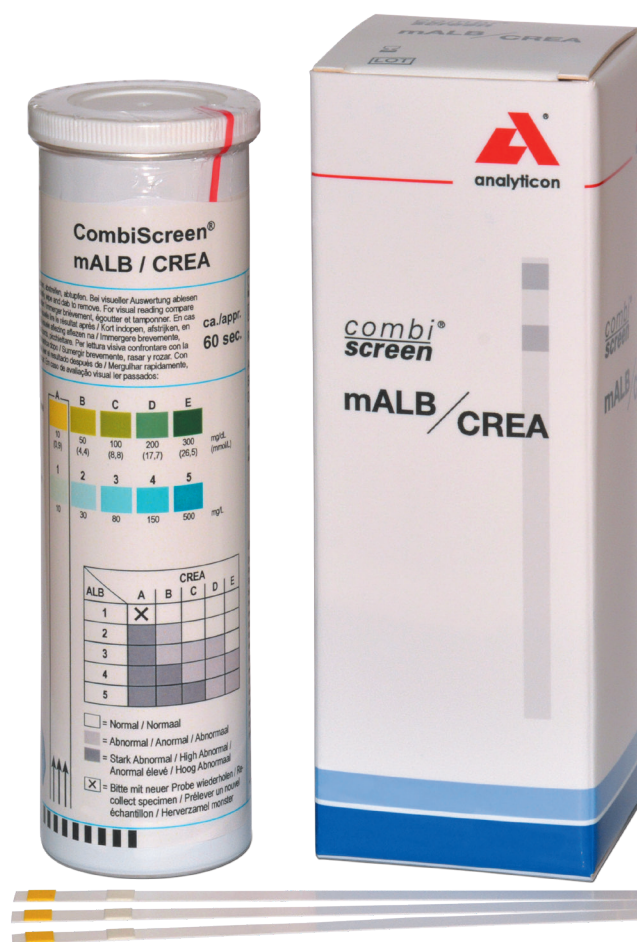
# COMBISCREEN® mALB/CREA

## ALBUMIN-CREATININE RATIO TEST STRIPS

CombiScreen® mALB / CREA urine test strip is designed to detect the presence of proteinuria using the albumin-to-creatinine ratio - an important clinical marker of kidney damage and the most common marker of CKD among adults.

For use with spontaneous voided urine, preferentially morning urine samples, CombiScreen® mALB/CREA provides accurate information on albumin level, regardless of concentration.

- Low detection limit of 20 mg/l. Enables fast and cost-effective screening of at-risk patients
- Result is available after 60s without sending the sample to a laboratory
- Ratio is directly readable from a table provided on the label
- More convenient - no 24-hour sample collection required
- More accurate indication of albumin concentration than standard dipsticks as it corrects for variations in urinary concentration





# URILYZER<sup>®</sup> SED

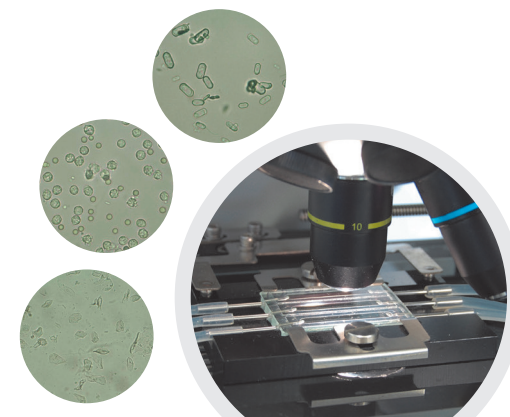
## URINE MICROSCOPY/SEDIMENT ANALYSER


Urilyzer SED automates the international standardized procedure of analysing native urine by manual microscopy.

The sampler loads each urine sample in the flow through cell counting chamber. After sedimentation, urine particles are analysed by the automated microscope in low (LP: 100x) and high power (HP: 400x). Particles are identified and auto-classified and whole field of view images are displayed on the monitor and stored in the analyser.

**Auto-classified particles:** Normal Red Blood Cells, Abnormal Red Blood Cells, White Blood Cells, Casts, Squamous Epithelial Cells, Small Round Epithelial Cells, Epithelial Cells, Yeast, Crystals, Mucus and Bacteria.

- Throughput of up to 90 tests/hour
- Low running costs - no plastic cuvettes or expensive reagents
- Minimal sample volume of 2.0 ml native urine
- Eliminates manual retest – no clogging with high particle counts



  
No plastic cuvettes waste.  
More than 80% reduction  
in reagent transportation  
and waste plastic reagent  
containers than flow  
cytometry.





# MEET THE REST OF THE URILYZER® FAMILY

URINE ANALYSERS FOR LABORATORIES



**Urilyzer® AUTO Fully Automated  
Urine Strip Batch Analyser**



**Urilyzer® FLEX Combined Urine  
Strip and Sediment Workstation**



**Urilyzer® 500 High Throughput  
Urine Strip Analyser**



**Urilyzer® DUO Fully automated urine test strip  
and sediment analyser**



# QUANTIMETRIX®

## QUALITY CONTROLS

Quantimetrix are acknowledged leaders in the field of liquid- stable quality controls with over 40 years of innovations in QC design and manufacture.

True third-party QC's designed to closely mimic patient samples and fulfil the requirements of ISO22870 and ISO 15189. User friendly features include extended open vial stability, ranges for most popular automated analysers, and lot number on the vials in barcode format for easy data entry.

- ▶ URINE TEST STRIP Dropper PLUS® | Dipper® | NEW Dipper POCT
- ▶ URINE SEDIMENT ANALYSERS QuanTscopics® and ChromaScopics®
- ▶ URINE CHEMISTRY Dropper® urine chemistry control
- ▶ URINE hCG Dropper PLUS®
- ▶ URINE MICROALBUMIN Microbumin®
  
- ▶ BILIRUBIN Paediatric Bilirubin control
- ▶ SPINAL FLUID - CHEMISTRY Dropper Spinal Fluid®
- ▶ SPINAL FLUID - CELL COUNT Spinalscopics®
- ▶ CYSTIC FIBROSIS Sweat control
- ▶ HBA1C Dropper A1c
- ▶ VITAMIN D Complete D®







# HEMOLYZER<sup>®</sup> 5NG

## FULL BLOOD COUNT ANALYZER

A new generation 5-part diff analyser featuring patented microfluidic technology which delivers lab-quality Full blood Counts an astonishingly compact package.

Clever micro fluidic design delivers robust and reliable performance consistently, with virtually no downtime.

Requiring only a tiny sample volume, it is ideal for infants, geriatric, oncology and critical care. Hemolyzer has applications in emergency departments, small to medium labs, clinics and even doctor's office.

Hemolyzer 5 NG samples from a closed tube for maximum safety. An open tube model is also available for use with capillary tubes.

**Technology:** Volumetric impedance (RBC PLT) Laser flow cytometry with forward scattered light detection (WBC). Photometric method for HGB.

- Sample volume: 38µl (closed vial) and 13 µl (open vial)
- Fast: results in 60 seconds
- Compact: A4-size footprint. 216 x 320 x 280 mm (WxDxH)
- Uses 75% less reagent volume than comparable analysers
- Reagent packs with 180-day open stability (100 and 400 test)
- Minimal downtime - automated cleaning programs and remote online support



### 5 PART : 26 parameters. RBC and PLT Histograms and WBC Scattergrams

WBC, LYM, MON, NEU, EOS, BAS, LYM%, MON%, NEU%, EOS% BAS%, RBC, HGB, HCT, MCV, RDWsd/cv, MCH, MCHC, PLT, MPV, PCT, PDWcv, PDW sd, P-LCR%, P-LCC.



# HEMOLYZER® 3NG

## FULL BLOOD COUNT ANALYZER

Hemolyzer® 3NG is a 3-part FBC diff analyser with patented microfluidic technology. Like its 5-part brother, it delivers lab-quality FBC results in an astonishingly compact package, using 75% less reagent than traditional FBC analysers. Clever fluidic design delivers robust and reliable performance consistently, with virtually no downtime.

Requiring a tiny sample volume – it is ideal for infants, geriatric, oncology and critical care. Hemolyzer 3 applications include emergency departments, small to medium labs, clinics and even doctor's office.

Samples from a closed tube for maximum safety, it also has an open tube sampler, for use with capillary tubes.

An Emergency Room mode requires operators to record identity and forced patient ID entry, and password protection of the system settings.

**Technology:** Volumetric impedance (WBC, RBC, PLT). Photometric (HGB).

- Sample volume: 38µl (closed) and 13 µl (open)
- Fast: Results in 60 seconds
- Compact: A4-size footprint. 216 x 320 x 280 mm (WxDxH)
- Reagent packs in 100 and 500 test sizes with 180-day stability
- Minimal downtime - automated cleaning programs and remote online support



### 3 PART : 22 parameters. 3 Histograms

WBC, LYM, MID, GRA, LYM%, MID%, GRA%, RBC, HGB, MCV, HCT, MCH, MCHC, RDWcv, RDWsd, PLT, MPV, PCT, PDW sd, P-LCR%, P-LCC, PDWcv





# SMARTTESTER®

## POCT RAPID TEST READER

SmarTTester® is a point-of-care instrument designed for the quick and quantitative evaluation of lateral flow tests. Result within minutes from just a few drops of sample.

- Quantitative rapid tests
- Portable (operates up to 10 hours with batteries)
- Connectivity ready Ethernet and USB Wi-Fi options
- Connect to POCT middleware : LIS2-A2, HL7, POCT1-A2 protocols
- Operator and QC lockout for centralized POCT management

### APPLICATIONS

- POCT
- Emergency departments, Ambulances
- General practice, smaller laboratories



	CRP	D-Dimer	cTnl	hCG
Range	0.5-200 mg/L	0.2-10 mg/L	0.5-10 ng/mL	>25 IU/mL
Sample type	serum, plasma, whole blood, fingertip blood	plasma, whole blood	serum, plasma, whole blood,	Urine
Anticoagulant	heparin, sodium-citrate, EDTA	sodium-citrate	heparin, sodium-citrate	NA
Sample volume	10 µL	120 µL	120 µL	200ul
Reaction time	1.5 minutes	7 minutes	15 minutes	5 minutes



# NG TEST<sup>®</sup>

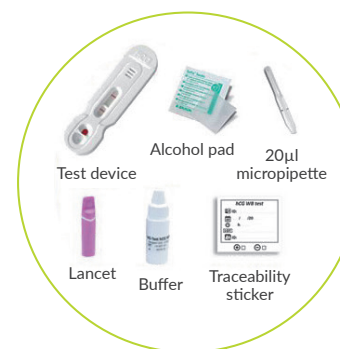
## WHOLE BLOOD HCG

5-minute method for determining hCG status from finger prick.

Studies demonstrate better accuracy than urine in early pregnancy. Improves patient flow in Accident and Emergency units.

- **Rapid:** Only one drop of 20  $\mu$ l blood from finger is needed. Results in 5 minutes - quicker medical decisions
- **Easy:** Collecting sample is easier than urine or venous blood. Can be used by all medical staff
- **Accurate:** Sensitivity of 10 mIU/ml. Detects pregnancy as early as 1 day before expected period date. Accurate detection at any time of the day (no problem of urine dilution)
- **Service Optimisation:** Saves material costs - syringe, tube of blood, urine collection container. Saves steps - Blood collection, sample transport, centrifugation

Each pouch includes all components to perform the test



**Publications:** "Performance of a quick pregnancy test on whole blood in early pregnancy units: a prospective cohort study".

European Journal of Emergency Medicine Sept 2017

**Conclusion:** The NG-Test hCG WB showed a high sensitivity, specificity, PPV, and NPV. Its use as triage in the case of a negative pelvic ultrasound exam is a potential strategy to improve patient flow, with an average time saving of 85min

Departments of Gynaecology, Obstetrics and Reproductive Medicine, Biochemistry, University Hospital of Rennes, France



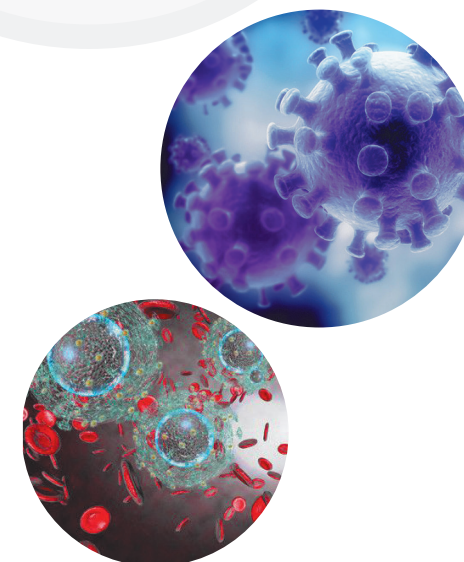
# MP DIAGNOSTICS®

## INFECTIOUS DISEASE ELISA

MP Diagnostics has 30-year history of innovation in infectious disease diagnostics. MP are widely recognized as a global leader in HIV confirmation and a pioneer in the field of Hepatitis E diagnostics. (\*Blood donor screening approved assays)



<b>Blood Born Virus EIA</b>		
HBsAg Elisa 4.1*	HEV Elisa Total Ab, IgM	HTLV 1 / 2 Elisa 4.0*
HCV Elisa 4.0*	HIV 1 / 2 Elisa 4.0*	Treponema Pallidum 4.0*
<b>ELISA's</b>		
Adenovirus IgA, IgG and IgM	EBV EBNA-1 IgG, IgA, IgM	Parainfluenza IgG, IgA, IgM
Aspergillus Fugimatus IgG, IgA and IgM	EBV Early Antigen IgG, IgA, IgM	Respiratory Syncytial Virus IgG, IgA, IgM
Borrelia Burgdorferi (Lyme) IgG and IgM	FSME/Tick Borne Encephalitis Virus (TBE) IgG	Treponema Pallidum 4.0*
Brucella abortus IgA, IgG and IgM	Helicobacter Pylori IgA, IgG, IgM	Tetanus (Clostridium Tetani) IgG
Candida Albicans IgG, IgA and IgM	Herpes 1/2 IgG, IgA, IgM	Tuberculosis (Mycobacterium Tuberculosis) IgG, IgA, IgM
Diphtheria (Corynebacterium Diphtheriae) IgG	Influenza A IgA, IgM, IgA	Varicella zoster IgG, IgA, IgM
Echinococcus Granuloses IgG	Influenza B IgM, IgG	Yersinia Enterocolitica IgG, IgA, IgG
EBV Capsid Antigen IgG, IgA, IgM	Mycoplasma Pneumoniae IgG, IgM, IgA	







# MP DIAGNOSTICS®

## INFECTIOUS DISEASE WESTERN BLOT

MP Diagnostics has 30-year history of innovation in infectious disease assays. MP are widely recognized as a global leader in HIV confirmation. The first and only FDA approved HTLV immunoblot.

Automate immunoblot processing with the Autoblots System and Autoscan Pro.

- HCV Blot 3.0
- HIV 1.2.0 Blot 2.2
- HTLV 1 / 2 Blot 2.4
- Helicobacter Pylori Helico Blot 2.1

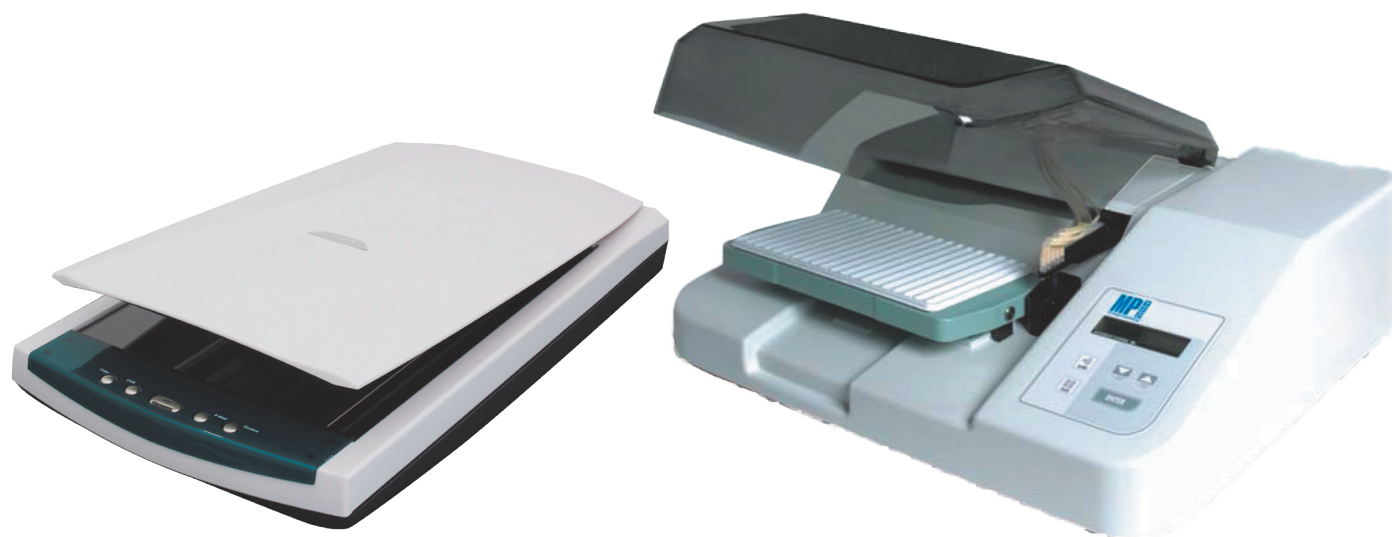


Differentiate current and past infections

### HELICO BLOT 2.1CE



In addition to bacterial lysate, Helico Blot 2.1 includes a recombinant antigen with high predictive value for the indication of current H. pylori. Detection of both current and past infection with specific proteins of H. pylori, including antigens associated with pathology such as CagA and VacA



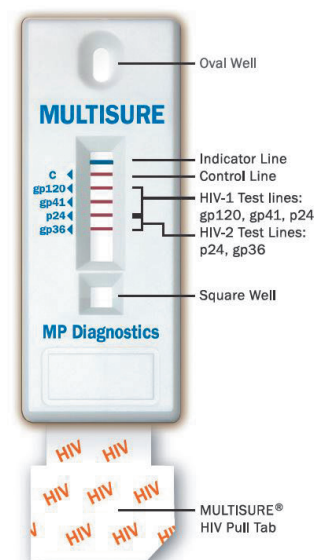


# MP DIAGNOSTICS®

## MULTISURE® RAPID TESTS

MultiSure rapids feature patented Reverse Flow technology – clearer background, improved visualization of test lines, improved sensitivity.

- HIV 1/2 0
- HCV Antibody
- Dengue Ab/Ag Combined



**HIV rapid tests**  
Raising the bar  
**MULTISURE HIV**

Differentiates HIV 1 and 2.  
4 individual test lines.

Earliest detection on seroconversion panels compared with other rapids.

Wide range of subtypes detected.

Serum or plasma.

## ASSURE® RAPID TESTS

- H. pylori Ab with current Infection marker
- Hepatitis A HAV IgM
- Hepatitis E HEV IgM
- Malaria Pf/Pv
- Typhoid IgG/IgM
- Toxoplasma IgG/IgM
- Syphilis Whole Blood Total antibody



**Hepatitis E**  
At your finger tips  
**ASSURE HEV IgM**

MP Biomedicals is a pioneer with 25 years' experience in Hepatitis E testing, with a series of firsts:  
First to clone the HEV (1990);  
First HEV total ab ELISA (1997);  
First HEV IgM Rapid Test.

**H.Pylori IgG antibody**  
**ASSURE H.PYLORI**

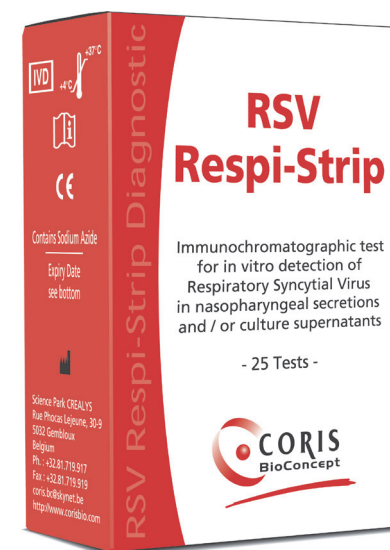
Differentiates between past and active infection with Recombinant current infection marker (CIM).  
4 individual test lines.



# CORIS BIOCONCEPT®

## RAPID TEST KITS

Coris launched its first product, the Rota-Strip kit to detect Rotavirus in stool specimens in Belgium and UK in 1997. Coris now exports a wide range of immunochromatographic rapid tests in cassette and strip format to 60 countries around the globe. Controls also available.



### ➤ ENTERIC

- 40/41 Adenovirus
- Adenovirus
- Clostridium difficile GDH
- Cryptosporidium & Giardia
- Cryptosporidium
- Escherichia coli O157
- Rotavirus & Adenovirus
- Rotavirus
- Rotavirus & 40/41 Adenovirus
- Giardia

### ➤ RESPIRATORY

- Influenza A & B
- Legionella pneumophila urine antigen
- Respiratory Adenovirus
- RSV

### ➤ GASTRIC

- H. Pylori antigen







# VACUMED®

## SAFER URINE SAMPLE COLLECTION

Closed system ensures hygienic transfer, protecting the user and the sample from unwanted contamination.

- Urine Transfer cup 120 ml, aspiration system for vacuum tubes, frosted label
- Urine Transfer cup 120 ml, aspiration system for vacuum tubes, frosted label individually wrapped
- Urine tube, vacuum, 13 x 75mm, without preservative 4ml
- Urine tube, vacuum, 13 x 100mm, without preservative 6ml
- Urine tube, vacuum, 16 x 100mm, without preservative 10ml
- Urine tube, vacuum, 16 x 100mm, with BORIC ACID preservative 10ml





# STERILIN®

## SAMPLE COLLECTION PRODUCTS

### › UTM™ Universal transport medium



Viral transport medium for collection, transport, maintenance and long-term freeze storage of Viruses, such as Influenza H1N1, Chlamydia, Mycoplasma and Ureaplasma specimens.

### › M40 Transystem™ Transport Swabs



Latest generation of bacteriology transport swabs designed to provide the ultimate performance capability with the most diverse range of fastidious aerobic and anaerobic bacteria.

### › Universal Containers



Wide range of sample collection and transport containers from 30ml to 250ml for clinical diagnostic specimens.