



# LABORATORY DIAGNOSTICS

# **CATALOGUE**

---

Doing things differently in medical  
diagnostics

UNA HEALTH

# ABOUT US

---

Una Health is an independent distributor specialising in pathology and point of care diagnostics; supplying specialist, innovative and appropriate healthcare solutions. Since 2009 we have worked tirelessly with our customers and partners to build a strong portfolio of high-quality, cost-effective and reliable diagnostics.

Often, better healthcare is less about pioneering breakthroughs or techniques and more about finding ways to better use existing technology to improve outcomes. And that's what Una Health is all about; taking an innovative approach to diagnostics to revolutionise the patient pathway and improve the overall patient journey.

We offer exceptional levels of experience, expertise and support. However, our real skill is in combining leading technology with a different way of thinking, to provide rapid, reliable results that make more efficient use of already-stretched resources.

## WHAT MAKES US DIFFERENT?

Our aim is not only to provide innovative, cost-effective pathology and point-of-care diagnostics to the UK healthcare sector, but also to explore new ways in which our products can be used to improve efficiency and patient outcomes. Our approach to customer care is equally ground-breaking, with fairness, flexibility and transparency at its heart.



We innovate the way we approach diagnostics with a focus on challenging traditional pathways.



We're adaptable, accessible and flexible to our customer needs; with specialist professionals to add value to your business.



Our friendly and positive attitude means we look for solutions to 'how we can' rather than 'why we can't'.



Communication is key here at Una and we work closely with customers and suppliers alike.



We have our customers at our heart and are small enough to care yet big enough to cope.

# CONTENTS

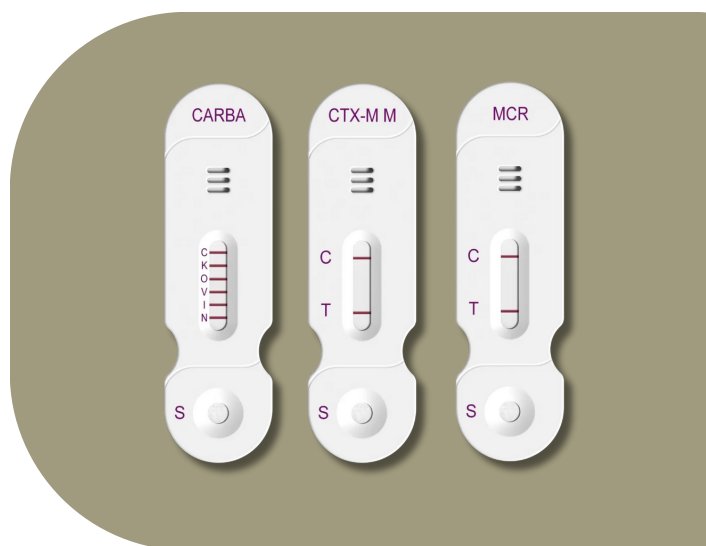
---

3 - 4	<b>AMR range</b>
5 - 10	<b>Enteric diseases range</b>
11 - 13	<b>Sexually transmitted diseases</b>
14	<b>Hepatitis</b>
15 - 18	<b>Rapid tests - Fortress Diagnostics</b>
18	<b>Rapid tests - COVID-19/Influenza A+B/RSV - Beright</b>
19 - 22	<b>Rapid tests - Nal von Minden</b>
23 - 25	<b>Febrile antigens</b>



NG BIOTECH LABORATOIRES

## AMR RANGE



The rapid diagnostic tests from NG Biotech have been developed in collaboration with the French CEA, enabling fast, easy and accurate detection of antimicrobial resistance (AMR) in (multi) drug-resistant bacteria (MDR). These cutting-edge antimicrobial resistance tests enable rapid detection in just 15 minutes. Using patented technology for superior sensitivity and specificity, they provide results you can trust, verified by over 100 scientific publications.



### FAST

Reduces wait times:  
results in only 15 minutes



### COMPREHENSIVE

Detects multiple mechanisms



### EASY TO PERFORM

AMR detection direct from  
bacterial cultures



### ANTIMICROBIAL STEWARDSHIP

Ensures appropriate use of  
tailored antibiotics

## HOW IT WORKS

The NG-Test AMR rapid test is a visual, multiplex lateral flow immunochromatographic assay, developed using patented technology. Each single-use cassette offers rapid, qualitative detection and differentiation of different antimicrobial resistance mechanisms among non-susceptible colonies of Gram-negative bacteria.

The patented new multi-layer, multi-conjugate lateral flow platform utilised across the NG AMR product range increases the capacity of key biomarkers, whilst maintaining the high quality of detection. The NG-Test AMR platform is based on lateral flow immunochromatographic principles.

## HOW IT HELPS

Rapid detection of antimicrobial resistant bacteria is paramount to a patient receiving appropriate treatment in a timely manner and is necessary to inform infection prevention actions. The NG Biotech lateral flow kits offer equivalent results to molecular detection methods in a fraction of the time, with no need for additional equipment and associated maintenance costs. Hands on time to prepare the test is minimal and results are available to read in 15 minutes.



## CARBAPENEMASE DETECTION

### NG-TEST® CARBA-5



NG-Test CARBA-5 is a visual multiplex immunochromatographic (lateral flow) qualitative assay for the detection and differentiation of the five most common carbapenemase families (KPC, OXA-48-like, VIM, IMP and NDM) from carbapenem non-susceptible pure bacterial colonies of Enterobacterales (including *Escherichia coli* and *Klebsiella pneumoniae*) and *Pseudomonas aeruginosa*. Results in 15 minutes.

**Sensitivity: 100% Specificity: 100%**

**NG-Test® CARBA 5 detects the following variants:**

- Type NDM: NDM-1 -2 -3 -4 -5 -6 -7 -8 -9 -11 -19
- Type KPC: KPC-1 -2 -3 -4 -5 -6 -7 -12 -14 -23 -28 -39
- Type IMP: IMP-1 -2 -4 -5 -6 -7 -8 -10 -11 -13 -14 -15 -16 -18 -19 -22 -26 -29 -31 -37 -39 -46 -47 -56 -58 -61 -63 -71 -79
- Type VIM: VIM-1 -2 -4 -5 -6 -19 -23 -26 -27 -31 -39 -46 -51 -52 -54 -56 -58 -59
- OXA-48-like: OXA-48 -162 -181 -204 -232 -244 -245 -370 -436 -484 -515 -517 -519 -535 -793

**NGB-CAR-S23-021**

**20 tests/box**

## ESBL

### NG-TEST® CTX-M MULTI



NG-Test CTX-M Multi detects the presence of the 5 major groups in the CTX-M-type enzymes of extended-spectrum beta-lactamases (ESBLs) produced by Enterobacteriaceae, from a bacterial colony. The Rapid Test detects enzymes belonging to CTX-M Groups 1, 2, 8, 9 and 25 including their most clinically relevant variants in the same cassette. Results in 15 minutes.

**Sensitivity: 100% Specificity: 100%**

**NG-Test® CTX-M detects the following variants:**

- Group 1: CTX-M-1 -3 -10 -15 -32 -37 -55 -57 -71 -82 -101 -182
- Group 2: CTX-M-2
- Group 8: CTX-M-8
- Group 9: CTX-M-9 -13 -14 -17 -18 -19 -24 -27 -38 -65 -93
- Group 25: CTX-M-94, -100

**NGB-CTM-S23-016**

**20 tests/box**

## COLISTIN RESISTANCE

### NG-TEST® MCR-1



NG-Test MCR-1 detects the presence of the MCR-1 enzyme responsible for Polymyxin E (colistin) resistance in Gram Negative bacteria, from a bacterial colony, in less than 15 minutes.

**Sensitivity: 100% Specificity: 100%**

**NGB-MCR-S23-016**

**20 tests/box**

# ENTERIC DISEASES



## TECHLAB®

TECHLAB® is a market leader of innovative, rapid, non-invasive diagnostic tests for gastrointestinal diseases. The TECHLAB® kits offer rapid laboratory detection of a range of faecal antigens and are the gold standard enzyme immunoassay (EIA) tests used to determine the common causes of diarrhoeal illness in different clinical scenarios.

### Infectious causes:

- ***Clostridioides difficile*** GDH (glutamate dehydrogenase) and/or toxin A/B detection
- **Foodborne illness** – Shiga toxin-producing *Escherichia coli* (STEC), *Campylobacter* species, *Clostridium perfringens* enterotoxin detection
- **Faecal parasite detection** - *Giardia lamblia*, *Cryptosporidium*, *Entamoeba histolytica*
- ***Helicobacter pylori*** – a cause of gastritis, gastric ulcers or gastric cancer

### Non-infectious causes:

- **Faecal lactoferrin** – for accurate differentiation between inflammatory bowel disease (IBD) and irritable bowel syndrome (IBS)

The TECHLAB® range of kits largely comprise two formats: CHEK™ and QUIK CHEK™.



### CHEK™

#### 96-well plate-based enzyme immunoassay (EIA)

- ELISA-based, 96-well plate format
- Suitable for screening large numbers of samples
- Results within 2 hours
- Simple procedure
- Automatable
- Highly standardised



### QUIK CHEK™

#### Single test membrane EIA technology in a cassette

- Direct faecal specimen testing in a rapid assay format
- Individual device
- Membrane bound EIA technology
- Suitable for smaller numbers of samples or for 'out-of-workflow' testing
- Results within 30 minutes
- Easy to interpret
- No equipment needed
- Highly specific and sensitive

## CLOSTRIDIoidES DIFFICILE

Panel of in vitro diagnostics for detecting *C. difficile* and its toxins in faecal specimens from patients suspected of having the disease.

<b>C. DIFF QUIK CHEK COMPLETE®</b>	<b>T30525C/T30550C</b>	<b>25 or 50 tests</b>	<b>Rapid EIA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Toxins A&amp;B GDH antigen</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> &lt; 30 min</li> </ul>			
<b>C. DIFF QUIK CHEK®</b>	<b>30390</b>	<b>25 tests</b>	<b>Rapid EIA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> GDH antigen</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> &lt; 30 min</li> </ul>			
<b>TOX A/B QUIK CHEK®</b>	<b>30394</b>	<b>25 tests</b>	<b>Rapid EIA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Toxins A&amp;B</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> &lt; 30 min</li> </ul>			
<b>C. DIFF CHEK™ - 60</b>	<b>TL5025/T5025B</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> GDH antigen</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved)</li> <li><b>Time to Result:</b> &lt; 1 hr, or 30 min (rapid format)</li> </ul>			
<b>C. DIFFICILE TOX A/B II™</b>	<b>T5015/T5015B</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Toxins A&amp;B</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved)</li> <li><b>Time to Result:</b> &lt; 1 hr, or 30 min (rapid format)</li> </ul>			
<b>C. difficile Toxin/Antitoxin Kit</b>	<b>T5000</b>	<b>300-650 tests</b>	<b>Tissue Culture</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Toxin B</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved)</li> <li><b>Time to Result:</b> 18 hrs</li> </ul>			
<b>C. DIFFICILE TOX-B TEST</b>	<b>T5003</b>	<b>96 tests</b>	<b>Tissue Culture</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Toxin B</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved)</li> <li><b>Time to Result:</b> 24-48 hrs</li> </ul>			

## FOODBORNE PATHOGENS

Shiga toxin-producing *Escherichia coli* (STEC), *Campylobacter* species, *Clostridium perfringens* enterotoxin detection.

<b>CAMPYLOBACTER CHEK™</b>	<b>T31096</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> C. jejuni, C. coli, C. lari, &amp; C. upsaliensis</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> 1 hr</li> </ul>			
<b>CAMPYLOBACTER QUIK CHEK™</b>	<b>T31025</b>	<b>25 tests</b>	<b>Rapid EIA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> C. jejuni, C. coli, C. lari, &amp; C. upsaliensis</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> &lt; 30 min</li> </ul>			
<b>SHIGA TOXIN QUIK CHEK™</b>	<b>T30625</b>	<b>25 tests</b>	<b>Rapid EIA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Shiga Toxin 1 and Shiga Toxin 2</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / Cary Blair / C&amp;S / Broth (GN or MAC) /Plate Culture (SMAC,CT-SMAC,CHROMagar®O157)</li> <li><b>Time to Result:</b> &lt; 30 min</li> </ul>			
<b>SHIGA TOXIN CHEK™</b>	<b>T30696</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Shiga Toxin 1 and Shiga Toxin 2</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / Cary Blair / C&amp;S / Broth (GN or MAC) /Plate Culture (SMAC,CT-SMAC,CHROMagar®O157)</li> <li><b>Time to Result:</b> 50 min, or 20 min (rapid format)</li> </ul>			
<b>Clostridium Perfringens Enterotoxin Test</b>	<b>T5006</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Clostridium perfringens Enterotoxin</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved)</li> <li><b>Time to Result:</b> &lt; 2.5 hrs</li> </ul>			

## H. PYLORI

Diagnostic assays for detecting *H. pylori* in faecal specimens.

<b>H. PYLORI CHEK™</b>	<b>T5051</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Helicobacter pylori stool antigen</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) up to 96 hours / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> 1 hr</li> </ul>			
<b>H. PYLORI QUIK CHEK™</b>	<b>30925</b>	<b>25 tests</b>	<b>Rapid EIA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Helicobacter pylori stool antigen</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) up to 96 hours / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> &lt; 30 min</li> </ul>			



## PROTOZOAN PARASITES

Diagnostic tests for common intestinal parasites: Giardia, Cryptosporidium, Entamoeba histolytica.

<b>TRI-COMBO PARASITE SCREEN</b>	<b>T30408</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Giardia cyst antigen Cryptosporidium oocyst antigen E. histolytica antigen (adhesin)</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> &lt; 2 hrs at RT</li> </ul>			
<b>GIARDIA/CRYPTOSPORIDIUM CHEK®</b>	<b>30401</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Giardia cyst antigen Cryptosporidium oocyst antigen</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / 10% Formalin / SAF</li> <li><b>Time to Result:</b> &lt; 2 hrs at RT</li> </ul>			
<b>GIARDIA II™</b>	<b>PT5012</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Giardia cyst antigen</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / 10% Formalin / SAF</li> <li><b>Time to Result:</b> &lt; 2 hrs at RT</li> </ul>			
<b>CRYPTOSPORIDIUM II™</b>	<b>30406</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Cryptosporidium oocyst antigen</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / 10% Formalin / SAF / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> &lt; 2 hrs at RT</li> </ul>			
<b>E. HISTOLYTICA II™</b>	<b>T5017</b>	<b>96 tests</b>	<b>Microplate ELISA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> E. histolytica antigen (adhesin)</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved)</li> <li><b>Time to Result:</b> &lt; 2 hrs at RT</li> </ul>			
<b>GIARDIA/CRYPTOSPORIDIUM QUIK CHEK™</b>	<b>T30407</b>	<b>25 tests</b>	<b>Rapid EIA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> Giardia cyst antigen Cryptosporidium oocyst antigen</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / 10% Formalin / SAF / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> &lt; 30 min at RT</li> </ul>			
<b>E. HISTOLYTICA QUIK CHEK™</b>	<b>T30409</b>	<b>25 tests</b>	<b>Rapid EIA</b>
<ul style="list-style-type: none"> <li><b>Analyte(s) Detected:</b> E. histolytica antigen (adhesin)</li> <li><b>Faecal Sample Type:</b> Fresh &amp; frozen faecal sample (unpreserved) / Cary Blair / C&amp;S</li> <li><b>Time to Result:</b> &lt; 30 min at RT</li> </ul>			

## FAECAL LEUKOCYTE SCREEN

The LEUKO EZ VUE® is an immunochromatographic test for the qualitative detection of elevated levels of faecal lactoferrin, in liquid, semi-liquid, and solid faecal specimens.

### LEUKO EZ VUE®

T30355

25 tests

Lateral Flow Qualitative

- **Analyte(s) Detected:** Lactoferrin—marker for faecal leukocytes & indicator for intestinal inflammation that can be caused by enteric infections
- **Faecal Sample Type:** Fresh samples (undiluted, unpreserved) stored between 2°C - 8°C or room temperature for up to 2 weeks, then stored frozen
- **Time to Result:** 10 min

## INTESTINAL INFLAMMATION

Diagnostic tests for detection of lactoferrin and other markers of inflammation in the bowels.

### LACTOFERRIN SCAN®

T5009

96 tests

Microplate ELISA Quantitative

- **Analyte(s) Detected:** Lactoferrin—marker for faecal leukocytes & indicator for intestinal inflammation; aids in the diagnosis of IBD/IBS populations
- **Faecal Sample Type:** Fresh samples (undiluted, unpreserved) stored between 2°C - 8°C or room temperature for up to 2 weeks, then stored frozen
- **Time to Result:** approx 75 min

### LACTOFERRIN CHEK®

T5008

96 tests

Microplate ELISA Qualitative

- **Analyte(s) Detected:** Lactoferrin—marker for faecal leukocytes & indicator for intestinal inflammation; aids in the diagnosis of IBD/IBS populations
- **Faecal Sample Type:** Fresh samples (undiluted, unpreserved) stored between 2°C - 8°C or room temperature for up to 2 weeks, then stored frozen
- **Time to Result:** approx 75 min

### LACTOFERRIN EZ VUE®

T5018

25 tests

Lateral Flow Qualitative

- **Analyte(s) Detected:** Lactoferrin—marker for faecal leukocytes & indicator for intestinal inflammation; aids in the diagnosis of IBD/IBS populations
- **Faecal Sample Type:** Fresh samples (undiluted, unpreserved) stored between 2°C - 8°C or room temperature for up to 2 weeks, then stored frozen
- **Time to Result:** 10 min

### ASCA-CHEK™

T5016

96 tests

Microplate ELISA Qualitative

- **Analyte(s) Detected:** Detects anti-S. cerevisiae antibodies; aids in the diagnosis of Crohn's disease
- **Faecal Sample Type:** Fresh and frozen faecal samples (unpreserved; faecal specimens should be frozen if not tested within 48 hours) / Serum (freeze if not tested within 7 days)
- **Time to Result:** approx 75 min

# FORTRESS® DIAGNOSTICS

Fortress Diagnostics® are a multi award-winning global provider of in vitro diagnostics (IVDs). Fortress develop, manufacture and support an extensive portfolio of clinical diagnostic tests in the United Kingdom. Our ongoing relationship means we are able to provide highly accurate medical testing solutions to immunology, haematology and serological laboratories in hospitals, medical centres, clinics, blood banks and research institutions.

FORTRESS® DIAGNOSTICS

## HELICOBACTER PYLORI

The Fortress Diagnostics Helicobacter pylori kits are intended for use in the quantitative determination of Anti H pylori specific antibodies of IgA, IgG and IgM type in human serum or plasma by Microplate Enzyme Immunoassay.

Helicobacter Pylori, IgA	BXE0672A	96 tests	ELISA
Helicobacter Pylori, IgG	BXE0673A	96 tests	ELISA
Helicobacter Pylori, IgM	BXE0674A	96 tests	ELISA

FORTRESS® DIAGNOSTICS

# SEXUALLY TRANSMITTED DISEASES



Fortress Diagnostics® are a multi award-winning global provider of in vitro diagnostics (IVDs). Fortress develop, manufacture and support an extensive portfolio of clinical diagnostic tests in the United Kingdom. Our ongoing relationship means we are able to provide highly accurate medical testing solutions to immunology, haematology and serological laboratories in hospitals, medical centres, clinics, blood banks and research institutions.



## RELIABLE

A trusted provider in the UK



## RESULTS

High sensitivity & specificity



## METHOD

Lateral flow and EIA kits available



## QUALITY

High-quality testing methods

## HOW IT WORKS

All Fortress Diagnostics products are highly accurate and are available with a long shelf life. Suitable for preliminary or emergency medical screening for use in medical facilities with limited resources and laboratories with low tests throughput.

- High quality & easy-to-use.
- Quick results – 10 minutes to 2 hours – providing timely treatment interventions.
- Little or no additional equipment required.
- Possibility to store at room temperature for extended length of time.
- All CE marked

Apart from the methods presented in this section, we also provide rapid tests for sexually transmitted diseases, please refer to the Rapid Tests section of this catalogue.



## SYPHILIS TESTING SOLUTIONS

Treponema Pallidum (TP) is the causative agent of the venereal disease Syphilis. TP is a spirochete bacterium with an outer envelope and a cytoplasmic membrane. Relatively little is known about the organism in comparison with other bacterial pathogens. According to the Center for Disease Control (CDC), the number of cases of Syphilis infection has markedly increased since 1985. Some studies have reported a substantial epidemiological correlation between the acquisition and transmission of the HIV virus and Syphilis.

### HAEMAGGLUTINATION METHOD

Sensitive and specific indirect haemagglutination tests for the detection of antibodies to Treponema Pallidum.

TPHA (with +ve and -ve controls)	SYTP0100	100 tests	Haemagglutination test
TPHA (with +ve and -ve controls)	SYTP0200	200 tests	Haemagglutination test

### SEROLOGICAL METHOD

Rapid Plasma Reagin or RPR Card test is a non-treponemal method for the serological detection of syphilis. The antigen – a particulate carbon suspension coated with lipid complexes – agglutinates in the presence of serum reagins. Reagins are antibodies present in the sera of syphilitic patients. Visible agglutination in the form of black clumps which can be viewed macroscopically, indicates the presence of such antibodies in the sample tested.

RPR Positive & Negative Control, Pipette/Stirrers, Test Cards, Dispensing Bottle and Needle	SYRPR050	50 tests	Non-treponemal method for serological detection
RPR Positive & Negative Control, Pipette/Stirrers, Test Cards, Dispensing Bottle and Needle	SYRPR100	100 tests	Non-treponemal method for serological detection
RPR Positive & Negative Control, Pipette/Stirrers, Test Cards, Dispensing Bottle and Needle	SYRPR500	500 tests	Non-treponemal method for serological detection
RPR (Reagent only)	SYCA0002	2ml (100T)	Reagent
RPR (Reagent only)	SYCA0005	5ml (250T)	Reagent
RPR (Reagent only)	SYCA0010	10ml (500T)	Reagent
RPR (Reagent only)	SYCA0100	100ml (5000T)	Reagent
RPR (Reagent only)	SYCA1000	1000ml (50000T)	Reagent

### CONTROLS & CALIBRATORS

The Syphilis Control set is designed for the validation of the Fortress range of Syphilis Test Kits. It is recommended that a positive and negative control be included with each run of tests carried out.

Syphilis Control (Positive & Negative)	SYPN0010	2 x 5 x 1ml	Control
Syphilis Control Panel Level 1 - 6	BXC0806A	6 x 1 x 0.5ml	Control panel

**SYPHILIS ELISA**

The detection of anti-Treponema Pallidum (anti-TP) antibodies is achieved by antigen sandwich enzyme linked immunosorbent assay, where the microwells are coated with recombinant Treponema pallidum antigens expressed in E.coli. In vitro diagnostic kit for the detection of antibodies to Treponema pallidum in human serum or plasma. It's intended for use in the screening of blood donors and to aid in the diagnosis and management of clinical conditions of syphilis.

Syphilis	BXE0995A	96T	ELISA
Syphilis	BXE0995C	480T	ELISA

**SEXUALLY TRANSMITTED DISEASES**

**HERPES SIMPLEX VIRUS (HSV)**

The Fortress Herpes Simplex Virus kits are enzyme immunoassays intended for the qualitative detection of IgG and IgM antibodies to HSV-I, HSV-II and HSV-1/2 in human serum or plasma. It is intended for screening and as an aid in the diagnosis of possible HSV infection.

Herpes Simplex Virus (HSV-1/2)IgG	BXE0621A	96T	ELISA
Herpes Simplex Virus (HSV-1/2)IgG	BXE0621C	480T	ELISA

FORTRESS® DIAGNOSTICS

# HEPATITIS



Fortress Diagnostics® are a multi award-winning global provider of in vitro diagnostics (IVDs). Fortress develop, manufacture and support an extensive portfolio of clinical diagnostic tests in the United Kingdom. Our ongoing relationship means we are able to provide highly accurate medical testing solutions to immunology, haematology and serological laboratories in hospitals, medical centres, clinics, blood banks and research institutions.

## HEPATITIS SCREENING

# HEPATITIS E

The Fortress Diagnostics Hepatitis E (HEV) kits are enzyme linked immunosorbent assays (ELISA) intended for the qualitative detection of Hepatitis E virus antigen, in human or plasma specimens. It is intended for use in clinical laboratories for the diagnosis and management of patients related to infection with hepatitis E Virus.

HEV Ab	BXE0745A	96T	ELISA
HEV Ab	BXE0745C	480T	ELISA
HEV Ag	BXE0903A	96T	ELISA
HEV IgG	BXE0901A	96T	ELISA
HEV IgM	BXE0902A	96T	ELISA

Apart from the methods presented in this section, we also provide rapid tests for hepatitis screening, please refer to the Rapid Tests section of this catalogue.

# RAPID TESTS



## FORTRESS® DIAGNOSTICS

Our rapid diagnostic tests range includes suitable for preliminary or emergency medical screening for use in medical facilities with limited resources and laboratories with low number of tests per day.



### RELIABLE

A trusted provider in the UK



### RESULTS

High sensitivity & specificity



### METHOD

Lateral flow and EIA kits available



### QUALITY

High-quality testing methods

## DENGUE FEVER

Dengue viruses, transmitted by the *Aedes aegypti* and *Aedes albopictus* mosquitoes, are widely distributed throughout the tropical and subtropical areas of the world. Fortress Diagnostics have a Dengue NS1 Antigen Rapid Test Device for the detection of dengue virus NS1 in antigen in whole blood, serum or plasma and a Dengue IgG/IgM rapid test device for the qualitative detection of IgG and IgM antibodies to dengue virus.

Dengue IgG/IgM NS1 Test Device	DMNS1020	20T	Whole Blood/Serum/Plasma
Dengue IgG/IgM Test Device	DNGMC020	20T	Serum/Plasma/Whole Blood, Cut off 500ng/ml
Dengue Fever IgG/IgM Antibody Test	DNGMC040	40T	Whole Blood/Serum/Plasma

## FAECAL OCCULT BLOOD TEST

The Fortress Diagnostics Faecal Occult Blood (FOB) One Step Test Device (faeces sample) is a rapid test to qualitatively detect low levels of faecal occult blood in faeces. The test uses double antibody sandwich assay to selectively detect as low as 50 ng/mL of hemoglobin or 6 µg hemoglobin/g faeces. In addition, unlike the guaiac assays, the accuracy of the test is not affected by the diet of the patients.

Faecal Occult Blood Test Device	FOBC0020	20T	Cut off 30 ng/ml - (Faeces)
Faecal Occult Blood Test Device	FOBC0040	40T	Cut off 30 ng/ml - (Faeces)



## HEPATITIS

Fortress Diagnostics offers lateral flow chromatographic immunoassays for the qualitative detection of Hepatitis B surface antigen (HBsAg), anti-HBs and Hepatitis C antibodies in human whole blood, serum or plasma.

HBsAg Rapid Test	HBSCWB20	20T	Whole Blood/Serum/Plasma
HBsAg Rapid Test	HBSCWB40	40T	Whole Blood/Serum/Plasma
HBsAg Rapid Test	HBSWB050	50T	Whole Blood/Serum/Plasma
HBsAg Rapid Test	HBSWB100	100T	Whole Blood/Serum/Plasma
Anti-HBs Rapid Test	HBSAB050	50T	Whole Blood/Serum/Plasma
Anti-HBs Rapid Test	HBSAB100	100T	Whole Blood/Serum/Plasma
HCV Rapid Test	HCVC0020	20T	Whole Blood/Serum/Plasma
HCV Rapid Test	HCVC0040	40T	Whole Blood/Serum/Plasma
HCV Rapid Test	HCVS0050	50T	Whole Blood/Serum/Plasma
HCV Rapid Test	HCVS0100	100T	Whole Blood/Serum/Plasma

## GASTROINTESTINAL

### HELICOBACTER PYLORI

The Fortress Diagnostics H.pylori Ab Rapid Test is a sandwich lateral flow chromatographic immunoassay for the qualitative detection of antibodies (IgG, IgM, and IgA) anti-Helicobacter pylori in human whole blood, serum or plasma.

Helicobacter Pylori Test Strip	HPS00050	50T	Serum/Plasma
Helicobacter Pylori Ag	HCVC0040	40T	Whole Blood/Serum/Plasma
Helicobacter Pylori Ag	HCVS0050	50T	Whole Blood/Serum/Plasma

### SALMONELLA TYPHI

S. typhi Antigen	STAGC040	40T	Serum/Plasma/Faeces
S. typhi Antigen	TPC00020	20T	Serum/Plasma/Faeces

## SEXUALLY TRANSMITTED DISEASES

### SYPHILIS

The Fortress Diagnostics Syphilis Ab Rapid Test Cassette (Whole Blood/Serum/Plasma) is a rapid, serological, immunochromatographic assay for the qualitative detection of antibodies (IgG, IgM and IgA) to Treponema Pallidum (TP) in human whole blood, serum or plasma.

Syphilis Device	TPC00040	40T	Serum/Plasma/Whole Blood
Syphilis Test Strips	TPS00050	50T	Serum/Plasma/Whole Blood
Syphilis Test Strips	TPS00100	100T	Serum/Plasma/Whole Blood

### GONORRHEA

Gonorrhea	GONC0020	20T	Swab
Gonorrhea	GONC0040	40T	Swab

## PREGNANCY TESTING

The Fortress Diagnostics hCG One Step Pregnancy Test Device (Urine/Serum) is a rapid chromatographic immunoassay for the qualitative detection of human chorionic gonadotropin in urine or serum to aid in the early detection of pregnancy.

hCG Test Device	HCGCSU20	20T	Sensitivity 25IU/ml - Serum/Urine, including disposable pipette
hCG Test Device	HCGC0040	40T	Sensitivity 25IU/ml - Urine Only, including disposable pipette
hCG Test Device	HCGC0050	50T	Sensitivity 25IU/ml - Urine Only, including disposable pipette
hCG Test Strip	HCGSU100	100T	Sensitivity 25IU/ml - Serum/Urine, including disposable pipette
hCG Test Strips (Urine Only)	HCGS0050	50T	Sensitivity 25IU/ml - Urine -2.5mm
hCG Test Strips (Urine Only)	HCGS0100	100T	Sensitivity 25IU/ml - Urine -2.5mm
HCG Rapid Test	HCGCSU20	20T	Serum/Urine
HCG Rapid Test	HCGCSU40	40T	Serum/Urine

## MALARIA

The Fortress Diagnostics Malaria Pf Ag Rapid Test is a rapid lateral flow chromatographic immunoassay for the detection of Malaria P.falciparum specific histidine rich protein-2 (Pf HRP-II) in human blood specimen as an aid in the diagnosis of Malaria infection. This test is intended for In-Vitro Diagnostic use only.

Malaria Device P.falciparum	PFC00020	20T	Serum/Plasma/Whole Blood, with Test Tube & Buffer
Malaria Device P.falciparum	PFC00040	40T	Serum/Plasma/Whole Blood, with Test Tube & Buffer
Malaria P.falciparum/P. Vivax (Pan Malaria Device)	PVC00020	20T	Serum/Plasma/Whole Blood, with Test Tube & Buffer
Malaria P.falciparum/P. Vivax (Pan Malaria Device)	PVC00040	40T	Serum/Plasma/Whole Blood, with Test Tube & Buffer

## MULTI-DRUG

The Fortress Diagnostics One Step Multi-Drug Screen Test Dipcard is a lateral flow chromatographic immunoassay for the qualitative detection of multiple drugs and drug metabolites in urine at the following cut-off concentrations in urine. The speed and sensitivity of immunoassays have made them the most widely accepted method to screen urine for multiple drugs of abuse.

Multi-drug - 6 Parameter Device	DOAC0006	20T	Test Device for multi-drug detection - Urine. Many combinations available
Multi-drug - 10 Parameter Device	DOAC0010	20T	Test Device for multi-drug detection- Urine- COC, AMP, MET,THC,MTD,MDMA,OPI,PCP,BAR,BZO
Multi-drug - 12 Parameter Device	DOAC0012	20T	Test Device for multi-drug detection - Urine - COC, AMP, TCA, MOP, MET,THC,MTD,MDMA,OPI,PCP,BAR,BZO

## TROPONIN

The Fortress Diagnostics cTnI One Step Troponin I Test Device (Whole Blood/Serum/Plasma) is a simple test that utilises a combination of anti-cTnI antibody-coated particles and capture reagent to selectively detect cTnI in whole blood, serum or plasma. The minimum detection level is 0.5 ng/mL.

Troponin-I Device	TNIC0020	20T	Serum/Plasma/Whole Blood, Cut off 1 ng/ml
Troponin-I Device	TNIC0040	40T	Serum/Plasma/Whole Blood, Cut off 1 ng/ml
CK-MB, Troponin-I, Myoglobin	CTMC0020	20T	Whole Blood, Cut off CK-MB 5ng/ml, Tni-I 1ng/ml, Myo 80ng/ml

## TUBERCULOSIS

The Fortress Diagnostics Tuberculosis IgG/IgM Rapid Test Device (Whole Blood/Serum/Plasma) is a membrane-based screening test for the rapid detection of IgM anti-Mycobacterium Tuberculosis and IgG anti-Mycobacterium Tuberculosis in human whole blood, serum or plasma. This innovative rapid screening test is based on lateral flow immunochromatography and is among the easiest point of care (POC) assay diagnostics.

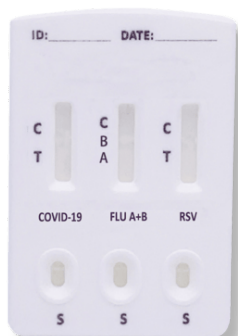
Tuberculosis Device	TBC00020	20T	Whole Blood / Serum / Plasma
Tuberculosis Device	TBC00040	40T	Whole Blood / Serum / Plasma

## COVID-19

Covid-19 Total Ab Device	COVID010	10T	Whole Blood / Serum / Plasma
Covid-19 Total Ab Device	COVID020	20T	Whole Blood / Serum / Plasma
Coronavirus Ag Rapid Test	COVNS020	20T	Nasal or Nasopharyngeal Sample

## ALLTEST

### COVID-19/INFLUENZA A+B/RSV



Prepare for the winter season with the Beright SARS-CoV-2/Influenza A+B/RSV Antigen Combo Rapid Lateral Flow Test, a CTDA approved rapid chromatographic immunoassay for the qualitative detection of COVID-19, Influenza A, Influenza B and Respiratory Syncytial Virus (RSV). Save time and money with the detection of the four main respiratory viruses in a single test.

- SARS-CoV-2: Sensitivity: 97.0% Specificity: 99.0%
- Flu A: Sensitivity: 95.0% Specificity: 99.1%
- Flu B: Sensitivity: 92.9% Specificity: 99.1%
- RSV: Sensitivity: 94.3% Specificity: 96.2%

SARS-CoV-2/Influenza A+B/RSV Antigen Combo Test (from Beright)	ISIR-535	20T	Nasal or Nasopharyngeal Sample
--	----------	-----	--------------------------------

# RAPID TESTS

## NAL VON MINDEN



The Nal Von Minden GmbH NADAL® rapid tests cover a wide range of clinical conditions for both point-of-care settings and laboratories, where quick and accurate diagnosis can make all the difference. They are suitable in emergency medical screening or medical facilities with limited resources and laboratories with low test throughput. Whether diagnosing an infectious disease or cancer, right through to a heart attack, the Nal Von Minden rapid tests deliver certainty and peace of mind.

All tests are CE marked, have high sensitivity and specificity, confirm to IVDR regulations and are available with a long shelf life. They further expand Una Health's solutions to cover almost every branch of medicine.



### FAST

Reduces wait times;  
results available in  
minutes



### RESULTS

High sensitivity & specificity



### COMPREHENSIVE

Extensive range of tests



### FLEXIBILITY

Suitable for almost every  
branch of medicine

## HOW IT WORKS

Our complete range of rapid tests are designed to give quick and reliable answers on the spot. Early diagnosis allows treatment to be introduced faster and generally reduces the duration and severity of illnesses. In addition, accurate and timely diagnosis can help reduce unnecessary use of antibiotics and supports antimicrobial stewardship alongside reducing the need for costly, unnecessary and uncomfortable lab examinations.



## INFECTIOUS DISEASES

### ESCHERICHIA COLI O157

The NADAL® E. coli O157 Test is a rapid chromatographic immunoassay for the qualitative detection of Escherichia coli (E. coli) O157 antigens in human faecal specimens. The test is intended for use as an aid in the diagnosis of an E. coli infection and is designed for professional use only.

**E.Coli O157 Rapid Tests - Cassette**

**501006**

**10T**

**Faecal specimens**

### LEGIONELLA

The NADAL® Legionella Test is an in-vitro rapid chromatographic lateral flow immunoassay for the qualitative detection of Legionella pneumophila (L. pneumophila) serogroup 1 antigen in urine specimens from patients with symptoms of pneumonia. The NADAL® Legionella Test is intended to be used in conjunction with culture and other methods as an aid in the presumptive diagnosis of Legionella infection (Legionnaires' disease) caused by L. pneumophila serogroup 1.

**Legionella rapid test**

**552020**

**10T**

**Urine**

### HEPATITIS

The NADAL® HAV IgG/IgM Test is a lateral flow chromatographic immunoassay for the simultaneous detection and differentiation of anti-hepatitis A virus (HAV) IgG and IgM in human serum, plasma or whole blood. The test is intended to be used by professionals as a screening test and as an aid in the diagnosis of a HAV infection. Any reactive result with the NADAL® HAV IgG/IgM Test must be confirmed with alternative testing method(s) and clinical findings.

**HAV IgG/IgM test cassette**

**622070N-30**

**30T**

**Serum, Whole Blood, Plasma**

The Hepatitis B Virus Surface Antibody Test is a rapid chromatographic immunoassay for the qualitative detection of antibodies to Hepatitis B virus surface antigen (HBsAg) in human whole blood, serum, plasma.

**INFO® anti-HBs (HBsAb) (CE1434) test cassette**

**622091**

**40T**

**Serum, Whole Blood, Plasma**

### GROUP B STREP

The NADAL® Strep B Test is a rapid, visual immunoassay for the qualitative, presumptive detection of group B Streptococcus (GBS) antigens in specimens collected from vaginal or rectal swab, as well as swabs taken from the ear or throat in newborns

**NADAL® Strep B Test**

**232001**

**20T**

**Vaginal, rectal, ear and throat swabs**

### TRICHOMONAS VAGINALIS

The NADAL® Trichomonas vaginalis Test is a simple, one step chromatographic immunoassay for the rapid, qualitative detection of Trichomonas vaginalis in vaginal swab specimens.

This test is intended for use as an aid in the diagnosis of trichomoniasis and designed for professional use only.

**NADAL® Trichomonas vaginalis, test cassette**

**840003N-10**

**10T**

**Vaginal swabs**

## MYCOBACTERIUM TUBERCULOSIS

The NADAL® Tuberculosis IgG/IgM Test is a lateral flow chromatographic immunoassay for the simultaneous detection and differentiation of anti-Mycobacterium Tuberculosis (M.Tb) IgM and IgG in human serum, plasma or whole blood. The test is intended to be used as a screening test and as an aid in the diagnosis of infection with M.Tb. Any reactive specimen with the NADAL® Tuberculosis IgG/IgM Test should be confirmed with alternative testing method(s) and clinical findings.

**NADAL® Tuberculosis IgG/IgM, test cassette**

**322003N-30**

**30T**

**Human serum, plasma or whole blood**

## STREPTOCOCCUS PNEUMONIAE

The NADAL® S. pneumoniae Test is a qualitative rapid assay which is intended to be used for the detection of Streptococcus pneumoniae antigen in urine without any dilution and as an aid in the diagnosis of pneumonia, meningitis and otitis media.

**Streptococcus pneumoniae Rapid Test**

**572004N-10**

**10T**

**Urine**

## CARDIAC RELATED

The NADAL® Cardiac Combo Test is a rapid visual immunoassay for the qualitative presumptive detection of human Myoglobin, CK-MB and cardiac Troponin I in whole blood, serum or plasma. The test is intended for use as an aid in the diagnosis of myocardial infarction (MI).

**Cardiac Combo Cassette tests (Myoglobin, CK-MB and cardiac Troponin I)**

**282003**

**5T**

**Serum, Whole Blood, Plasma**

## D-DIMER

The NADAL® D-Dimer Test is used for the qualitative detection of D-Dimer in human whole blood and plasma. The test is used as an aid in the assessment and evaluation of patients with suspected disseminated intravascular coagulation (DIC), deep vein thrombosis (DVT) and pulmonary embolism (PE).

**Nadal® D-Dimer Test**

**351006N-10**

**10T**

**Whole Blood, Plasma**

**Nadal® D-Dimer Test**

**351006N-05**

**5T**

**Whole Blood, Plasma**

## CALPROTECTIN

The NADAL® Calprotectin Test is a rapid chromatographic immunoassay (non-invasive assay) for the qualitative detection of calprotectin (hCP) in human faecal specimens. The test is intended for use as an aid in the diagnosis of inflammatory gastrointestinal disorders and is designed for professional use only.

**NADAL® Calprotectin, test cassette**

**1212001**

**10T**

**Faeces**

## CRP

The NADAL® CRP Test is a lateral flow chromatographic immunoassay for the semiquantitative detection of C-reactive protein (CRP) in human whole blood, serum or plasma specimens. The test is intended for use as an aid in the diagnosis of bacterial infectious diseases and inflammatory processes. Due to a large number of possible symptoms, the test is not restricted to a defined target patient group and can generally be used to differentiate between bacterial and viral infections or to assess the presence or severity of inflammatory processes. The test procedure is not automated and requires no special training or qualification. The NADAL® CRP Test is designed for professional use only.

**NADAL® CRP, test cassette**

**311801N-20**

**20T**

**Serum, Whole Blood, Plasma**

## PROSTATE SPECIFIC ANTIGEN

The NADAL® PSA Test is a rapid visual immunoassay for the semiquantitative presumptive detection of prostate-specific antigen (PSA) in human serum, plasma or whole blood specimens with a cut-off of 4 ng/mL. The test detects total PSA (tPSA). The NADAL® PSA Test is intended for use as an aid in the diagnosis of prostate cancer by professional users as elevated PSA levels frequently indicate an increased risk of prostate carcinomas.

**NADAL® CRP, test cassette**

**602003**

**20T**

**Serum, Whole Blood, Plasma**

## CHLAMYDIA

The NADAL® Chlamydia Test (swab/urine) is a rapid visual immunoassay for the qualitative presumptive detection of Chlamydia trachomatis in female cervical swab, male urethral swab and male urine specimens. This test is intended for use as an aid in the diagnosis of Chlamydia infection. The NADAL® Chlamydia Test is designed for professional use only.

**NADAL® Chlamydia (CE0197), test cassette**

**212007**

**20T**

**Urine, Urethral Swab, Cervical Swab**

FORTRESS® DIAGNOSTICS

## FEBRILE ANTIGENS



Febrile Antigens are stained bacterial antigen suspensions used to identify and measure antibodies, following infection. When the test serum sample is mixed with a febrile antigen, the solution will agglutinate if antibodies are present, thus indicating infection is present.

The Fortress Diagnostics' range of febrile antigens can be used either as a screening test or as a confirmatory test.

### BRUCELLA

The Fortress Diagnostics Brucella agglutination test is a serological test for Brucellosis. Specific antibodies to the Brucella species are detectable a few weeks after exposure. Specific antibodies to Brucella antigens if present in serum will react with the antigen suspension to produce an agglutination reaction. No agglutination indicates the absence of the specific antigens.

Brucella Abortus	FEBBAB05	1 x 5ml	5ml Stained Antigen Suspension
Brucella Abortus	FEBBAB1L	1000ml	1000ml Stained Antigen Suspension
Brucella Melitensis	FEBBME05	1 x 5ml	5ml Stained Antigen Suspension
Brucella Melitensis	FEBBME1L	1000ml	1000ml Stained Antigen Suspension
Brucella Abortus, Melitensis + Positive Control	FEBAMP05	2 x 1 x 5ml	Stained Antigen Suspension plus 1x0.5ml Positive control
Brucella & Proteus +ve Control	FEBPPPC1	1 x 1ml	-

### FEBRILE ANTIGEN (WIDAL)

The Fortress Diagnostics Febrile Antigen (Widal) test is a common agglutination test employed in the serological diagnosis of enteric fever and helps to detect the presence of Salmonella antigens in a patient's serum. Antibodies in serum produced in response to exposure to Salmonella organisms will agglutinate bacterial suspension which carries homologous antigens.

Febrile Antigen Kit (Widal)	FEBNC100	8 x 5ml	Stained Salmonella Antigens, 100T per Antigen WITHOUT CONTROLS
Febrile Antigen Kit (Widal)	FEBWC100	8 x 5ml/2 x 1ml	Stained Salmonella Antigens, 100T per Antigen WITH CONTROLS
Febrile Negative Control	FEBNCO01	1 x 1ml	1ml polyvalent negative
Febrile Positive Control	FEBPCO01	1 x 1ml	1ml polyvalent positive

## PROTEUS

Antibodies produced against rickettsial antigen cross reacts with OX19 and OX2 strains of *Proteus vulgaris* and OXK strains of *Proteus mirabilis*. The Fortress Diagnostics Proteus OX19 stained febrile antigen suspension can be used to identify and quantitate specific antibodies in human sera following infection with certain *Rickettsiae* pathogens. *Proteus* OX19 reacts strongly with the sera of patients with typhus group rickettsiae and rocky mountain of spotted fever.

<b>Brucella Abortus</b>	<b>FEBBAB05</b>	<b>1 x 5ml</b>	<b>5ml Stained Antigen Suspension</b>
<b>Brucella Abortus</b>	<b>FEBBAB1L</b>	<b>1000ml</b>	<b>1000ml Stained Antigen Suspension</b>
<b>Brucella Melitensis</b>	<b>FEBBME05</b>	<b>1 x 5ml</b>	<b>5ml Stained Antigen Suspension</b>

## ROSE BENGAL

The Fortress Diagnostics Febrile Antigen (Widal) test is a common agglutination test employed in the serological diagnosis of enteric fever and helps to detect the presence of *Salmonella* antigens in a patient's serum. Antibodies in serum produced in response to exposure to *Salmonella* organisms will agglutinate bacterial suspension which carries homologous antigens.

<b>Febrile Antigen Kit (Widal)</b>	<b>FEBNC100</b>	<b>8 x 5ml</b>	<b>Stained Salmonella Antigens, 100T per Antigen WITHOUT CONTROLS</b>
<b>Febrile Antigen Kit (Widal)</b>	<b>FEBWC100</b>	<b>8 x 5ml/2 x 1ml</b>	<b>Stained Salmonella Antigens, 100T per Antigen WITH CONTROLS</b>
<b>Febrile Negative Control</b>	<b>FEBNCO01</b>	<b>1 x 1ml</b>	<b>1ml polyvalent negative</b>
<b>Febrile Positive Control</b>	<b>FEBPCO01</b>	<b>1 x 1ml</b>	<b>1ml polyvalent positive</b>

## SALMONELLA

The Fortress Diagnostics have developed *Salmonella* Paratyphi tests for *Salmonella* Paratyphi A-H, A-O, B-H, B-O, C-H and C-O. The Febrile Antigen Widal test is a common agglutination test employed in the serological diagnosis of enteric fever and helps to detect the presence of *Salmonella* antigens in a patient's serum.

<b>Salmonella paratyphi A-H</b>	<b>FEBSAH05</b>	<b>1 x 5ml</b>	<b>5ml Stained Antigen Suspension</b>
<b>Salmonella paratyphi A-O</b>	<b>FEBSAO05</b>	<b>1 x 5ml</b>	<b>5ml Stained Antigen Suspension</b>
<b>Salmonella paratyphi B-H</b>	<b>FEBSBH05</b>	<b>1 x 5ml</b>	<b>5ml Stained Antigen Suspension</b>
<b>Salmonella paratyphi B-O</b>	<b>FEBSBO05</b>	<b>1 x 5ml</b>	<b>5ml Stained Antigen Suspension</b>
<b>Salmonella paratyphi C-H</b>	<b>FEBSCH05</b>	<b>1 x 5ml</b>	<b>5ml Stained Antigen Suspension</b>
<b>Salmonella paratyphi C-O</b>	<b>FEBSCO05</b>	<b>1 x 5ml</b>	<b>5ml Stained Antigen Suspension</b>

## SALMONELLA

The Fortress Diagnostics Salmonella Typhi Widal test is a common agglutination test employed in the serological diagnosis of enteric fever and helps to detect the presence of Salmonella antigens in a patient's serum. Patients infected with Salmonella produce antibodies against the antigens of the organism. Antibodies in serum produced in response to exposure to Salmonella organisms will agglutinate bacterial suspension which carries homologous antigens.

Salmonella typhi H	FEBSTH05	1 x 5ml	5ml Stained Antigen Suspension
Salmonella typhi H	FEBSTH1L	1000 ml	1000ml Stained Antigen Suspension
Salmonella typhi O	FEBSTO05	1 x 5ml	5ml Stained Antigen Suspension
Salmonella typhi O	FEBSTO1L	1000 ml	1000ml Stained Antigen Suspension
Salmonella typhi O , H +Positive Control	FEBSOH05	2 x 1 x 5ml	Stained Antigen Suspension plus 1x0.5ml Positive control"

## WEIL-FELIX

The Fortress Diagnostics Febrile Antigens Weli-Felix test provides rapid detection and semi-quantitation of serum antibodies developed during the acute stage of disease caused by rickettsial infection. The antigens agglutinate in the presence of the homologous antibodies in the sample tested.

Weil-Felix	FEWF0025	5 x 5ml	"5ml vials of Brucella Abortus, Brucella Melitensis, Proteus OX19, Proteus OX2 and Proteus OXK"
------------	----------	---------	---









## GET IN TOUCH

### Una Health



Unit 3 Fitzgerald Way, Scotia Road Business Park,  
Stoke-on-Trent, ST6 4HN, UK



+44 (0) 1782 575180



[enquiries@unahealth.co.uk](mailto:enquiries@unahealth.co.uk)



[www.unahealth.co.uk](http://www.unahealth.co.uk)