

**TESTING  
SERVICES**  
Fortress Clinical Laboratory

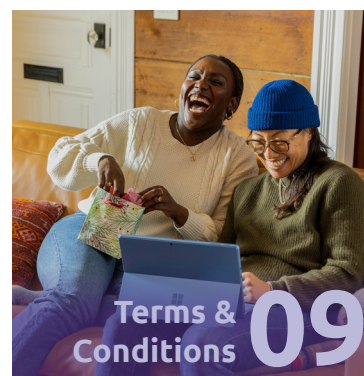
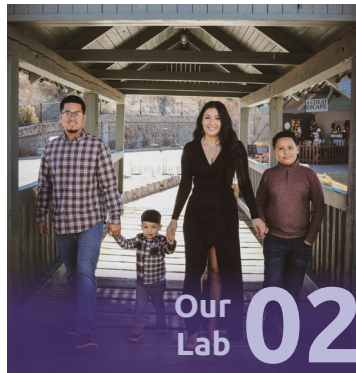


# Clinical Diagnostics: It's in Our DNA





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From our **state-of-the-art laboratory**, our **experienced team** is able to offer tailor made clinical pathology diagnostic services to medical professionals, healthcare providers, and patients across Mainland UK and Ireland (ROI and NI).

We offer **multi-disciplines pathology testing solutions** including clinical biochemistry, immunology, haematology, and urine screening.

We are **passionate about transforming lives** and can accomplish this by driving the science of our clients forward. We believe that **good business means a better world**.



# Your Health Matters

# Who We Are 01

**Your health matters.** At Fortress Clinical Laboratory, we are committed to supporting you on your journey to better health. Your well-being is our priority, and we strive to deliver accurate, reliable, and high-quality results with a rapid turnaround time.

Our **state-of-the-art laboratory** and highly experienced specialist team enable us to test **over 100 biomarkers**. Whether you're looking to investigate symptoms, monitor a health condition, enhance your performance, or simply gain peace of mind, we are here to help.

We offer **tailor-made** clinical pathology diagnostic services to medical professionals, healthcare providers, and patients across the UK and Ireland (ROI & NI). Our comprehensive pathology testing solutions cover multiple disciplines, including:

- **Clinical Biochemistry** – Assessing metabolic and organ function
- **Immunology** – Evaluating immune system health
- **Haematology** – Analysing blood health and disorders
- **Urine Screening** - Detect & manage a range of disorders such as UTI, kidney disease, and diabetes

At Fortress Clinical Laboratory, we are passionate about transforming lives through **innovation and scientific excellence**. By advancing medical science, we believe we contribute to a healthier, better world for all.

**Your health matters.** Let us be your trusted partner in diagnostics and wellness.



## Our Vision

Our vision is to **lead the way** in clinical diagnostics, fostering growth and opportunity in the industry. We are **dedicated** to making a lasting impact on clinical diagnosis and transforming healthcare through **innovation, accuracy, and compassionate care**.

## Our Mission

We are **committed** to providing excellent clinical diagnostic testing across all markets. Our goal is to ensure a **seamless experience** for our clients, from collecting a sample to timely delivering comprehensive, accurate reports that **empower clinicians** to make precise diagnosis.

## Our Values

At Fortress Clinical Laboratory, we are guided by three core values:

**We Are One Team** – Collaboration is key to our success. Together, we uplift and support each other, striving to be the best versions of ourselves individually and collectively.

**We Have Heart** – Compassion is central to our work. We approach every aspect of healthcare with empathy, understanding that every test and result is vital to someone's well-being.

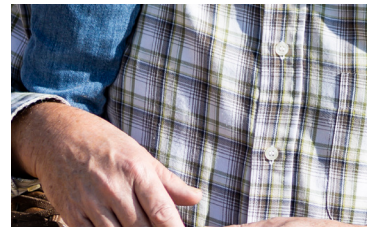
**We Strive for Excellence** – We hold ourselves to the highest standards of quality and precision. Excellence is not just a goal; it's a continuous journey in everything we do.

At Fortress Clinical Laboratory, we are passionate about **advancing clinical diagnostics** to improve lives and make a difference in the world of healthcare.





# Our Lab 02



At Fortress Clinical Laboratory, we are more than just a lab—we are a **dedicated team** of scientists, innovators, and professionals committed to making a difference in healthcare. Our collective expertise in life sciences, clinical diagnostics, and medical research enables us to deliver **cutting-edge solutions** that enhance patient care and drive scientific progress.

As Henry Ford wisely stated, “If everyone is moving forward together, then **success** takes care of itself.” This belief defines our **collaborative** approach. We work as a unified team, bound by our shared **passion** for science and discovery. Our team is made up of, scientists, colleagues, experts, innovators, biologists, parents, students, researchers, leaders, data scientists, chefs, pet lovers, our team is more than just our professions—we are a family.

“ We strive for **continual improvement** on services offered to not only meet customer requirements, but also **exceed** them. ”



We are committed to:

- Recruitment, training, and development of testing personnel to provide and fulfil an **effective service** to the client.
- The collection, transport, and handling of all specimens in such a way to ensure correct **performance** of laboratory examinations.
- Producing **accurate** and **authentic** reports which are timely, confidential, and clinically useful.
- **Continual review** of impartiality and conflicts of interest of testing personnel and management.
- **Maintaining confidentiality** throughout all aspects of the service.
- Annual review of **Quality Policy** and Management System.

At Fortress Clinical Laboratory, we are driven by a singular mission: to **advance science, deliver excellence**, and **improve lives**. Whether through innovative research, precise diagnostics, or compassionate service, we are dedicated to making a lasting impact on healthcare.

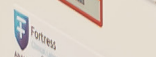






State-of-the-Art  
Facilities

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# Quality 03

At Fortress Clinical Laboratory, we are **dedicated** to expanding and continuously improving our services. We ensure that we consistently meet our clients' evolving needs while maintaining the highest standards of **integrity** and scientific excellence.

To uphold this commitment, Fortress Clinical Laboratory is a **UKAS accredited** testing laboratory No. 29500, to **ISO/IEC 17025:2017** standards. This is for a range of Test Methods as detailed in the UKAS Schedule of Accreditation. This accreditation demonstrates that our laboratory methods and processes meet internationally recognised standards, reinforcing our dedication to **precision, reliability, and accountability** in all accredited activities.

Our Management Team plays an active role in fostering a culture of quality and **continuous improvement**. We ensure all personnel are trained, engaged, and fully aware of our Quality Policy. By clearly communicating this policy to every team member, we ensure that our **commitment to quality** is understood, embraced, and consistently delivered at all levels of our organisation.

At Fortress Clinical Laboratory, quality is at the heart of everything we do—empowering us to provide **world-class clinical diagnostics** that contribute to better health outcomes.





**With You on  
Your Journey to  
Better Health**









“ We offer the most **comprehensive leading Test Menu**, comprising of over **100 dedicated** high **quality**, high **performance assays**. ”





# Test Profiles 04

If there is a particular test you are interested in that is not on this list, or any further questions regarding our tests, please reach out to our Team via [info@fortressclinical.com](mailto:info@fortressclinical.com).

## Bone Health

Maintaining strong and healthy bones is essential, especially as we age. The Fortress Clinical Laboratory Bone Health Test Profile measures key minerals, proteins, and enzymes related to bone strength and metabolism through a simple blood test.

This test is crucial for monitoring bone health, ensuring proper development, and detecting potential issues early. It can help your doctor identify and track conditions such as:

Osteoporosis – Weakening of bones, increasing fracture risk  
Paget's Disease – Abnormal bone remodelling and growth  
Bone Cancer – Malignant changes affecting bone tissue  
Liver & Thyroid Disorders – Conditions that can impact bone metabolism

By assessing these factors, the Fortress Clinical Laboratory Bone Health Test Profile supports proactive bone care, helping you and your doctor take the necessary steps to maintain strong, healthy bones.

### Test List

Albumin  
Alkaline Phosphatase  
Calcium  
Calcium (adjusted)  
Phosphate  
Vitamin D

## Diabetes Health

Undiagnosed or unmanaged diabetes is one of the leading causes of mortality, making regular monitoring essential for early detection and effective management. The Fortress Clinical Laboratory Diabetes Health Blood Test Profile accurately assesses your blood glucose levels during your appointment (a fasting sample is required for optimal accuracy). Beyond measuring current glucose levels, this test offers a deeper insight into your long-term blood sugar trends over the past two to three months, helping you and your doctor better understand your diabetes risk factors.

Additionally, Fortress Clinical Laboratory provides:

- Insulin resistance testing – Evaluating how well your body responds to insulin.
- Specialised Type 1 & Type 2 Diabetes Differentiation Test – Helping your doctor determine the specific type of diabetes.
- Note: The Type 1 & Type 2 differentiation test is highly unstable and must be processed by your doctor's clinic and frozen within six hours to ensure accurate results.

The Fortress Clinical Laboratory Diabetes Health Test Profile identifies key diabetes markers, supporting early intervention and effective disease management.

### Test List

C-Peptide  
Glucose  
Glycated Haemoglobin  
Insulin





## Female Hormonal Health

The Fortress Clinical Laboratory Female Hormonal Health Blood Test Profile is designed to assess key hormone levels that influence overall well-being and reproductive health. For accurate results, this test is best taken on day 2 or day 3 of your menstrual cycle. You and your doctor can determine which day is most suitable for you. If you are experiencing perimenopause, menopause, irregular cycles, or do not have a menstrual cycle, your doctor will advise on the best time for testing.

Hormone imbalances can impact many aspects of health. This test may help diagnose conditions related to:

- Weight fluctuations (gain or loss)
- Low or fluctuating energy levels
- General fatigue
- Abnormal hair growth (hirsutism)
- Acne and skin concerns
- Hair thinning or loss

Your doctor may request this test profile if you have symptoms associated with hormonal imbalances, but you can also request it as a general hormonal health check-up.

Additionally, this test is beneficial if you are:

- Beginning your Trying to Conceive (TTC) journey
- Experiencing difficulties conceiving

As part of the Fortress Clinical Laboratory Female Hormonal Health Test Profile, we take an extra step by providing insights into egg reserves (ovarian reserve testing), offering essential information to those planning for pregnancy.

This test empowers you and your doctor with vital knowledge to address hormonal concerns and support reproductive health.

### Test List

Anti-Mullerian Hormone  
Estradiol  
Follicle Stimulating Hormone  
Free Androgen Index  
Luteinising Hormone  
Progesterone  
Prolactin  
Sex Hormone Binding Globulin  
Testosterone





## Full Blood Count

A Full Blood Count (FBC) is one of the most commonly requested blood tests by doctors. It provides essential information about the types and quantities of cells in your blood, including:

- Red blood cells (RBCs) & haemoglobin – Responsible for oxygen transport
- White blood cells (WBCs) – Key players in immune system function
- Platelets – Essential for blood clotting

These tests help monitor overall health, detect medical conditions, and assess immune system function. Abnormal results may indicate infections, medication effects, anaemia, or more serious conditions such as leukaemia.

Fortress Clinical Laboratory provides a Full Blood Count with Differential, which provides a detailed breakdown of different white blood cell types. This advanced testing gives your doctor deeper insights into your immune system function and helps guide further investigations or treatment plans.

Your doctor will review your results, discuss their significance, and recommend the next steps—whether it be further testing (as this is often a first-line test) or a suitable treatment plan.

### Test List

Basophil Count  
Eosinophil Count  
Haemoglobin  
Haematocrit  
Lymphocyte Count  
Mean Cell Haemoglobin  
Mean Cell Haemoglobin Concentration  
Monocyte Count  
Neutrophil Count  
Platelet Count  
Red Blood Cell Count  
Red Blood Cell Mean Volume  
White Blood Cell Count

## Glandular Fever

Glandular fever, also known as infectious mononucleosis, is most commonly caused by the Epstein-Barr Virus (EBV)—a member of the herpes virus family. It typically affects teenagers and young adults, but it can occur at any age.

The infection often presents with symptoms such as fatigue, sore throat, swollen lymph nodes, fever, and in some cases, an enlarged spleen or liver involvement. However, symptoms can vary in severity and may persist for several weeks or longer. In some cases, individuals may carry the virus without showing any noticeable symptoms.

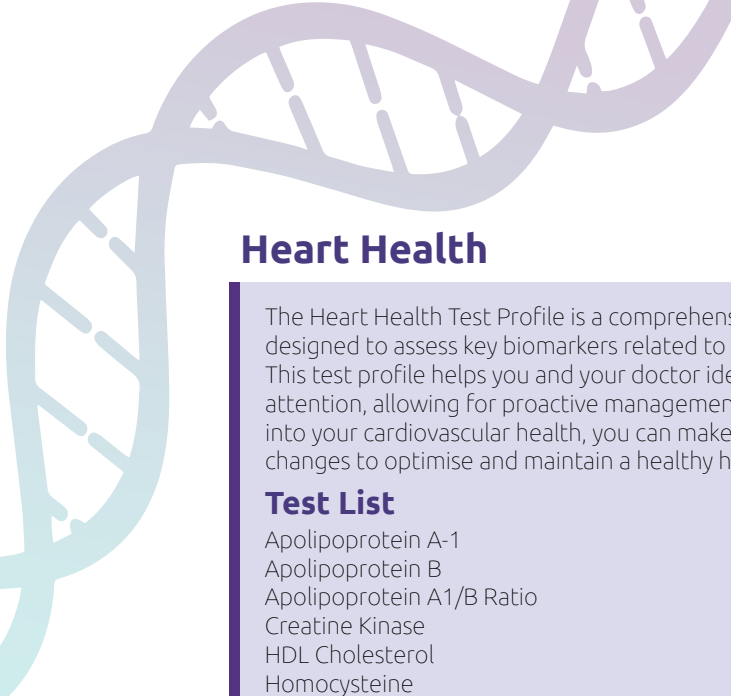
Fortress Clinical Laboratory offers a comprehensive Glandular Fever test profile, including detection of Epstein-Barr Virus antibodies, to help your doctor accurately diagnose and monitor this condition. Early diagnosis is essential to manage symptoms, prevent complications, and reduce the risk of spreading the virus to others.

If you or your doctor suspect glandular fever—particularly if you are experiencing prolonged fatigue, fever, or swollen glands—this test profile can provide clarity and guide appropriate care.

### Test List

Epstein-Barr Virus





## Heart Health

The Heart Health Test Profile is a comprehensive blood test provided by Fortress Clinical Laboratory, designed to assess key biomarkers related to cholesterol levels and other vital indicators of heart health. This test profile helps you and your doctor identify potential risk factors and areas that may require attention, allowing for proactive management of your overall well-being. By gaining valuable insights into your cardiovascular health, you can make informed decisions about necessary dietary and lifestyle changes to optimise and maintain a healthy heart.

### Test List

- Apolipoprotein A-1
- Apolipoprotein B
- Apolipoprotein A1/B Ratio
- Creatine Kinase
- HDL Cholesterol
- Homocysteine
- High Sensitivity C-Reactive Protein
- LDL Cholesterol
- Lipoprotein (a)
- Total Cholesterol
- Total Cholesterol/HDL Cholesterol Ratio
- Triglycerides

## Infection & Inflammation

Inflammation is often associated with visible signs like swelling, redness, pain, or itching from a sprained ankle, insect bite, cut, or allergic reaction. However, not all inflammation is visible—some forms of chronic or long-term inflammation can develop silently, causing damage without noticeable symptoms.

The Fortress Clinical Laboratory Infection & Inflammation Test Profile helps detect underlying inflammation affecting your overall health. Chronic inflammation can impact the entire body and may indicate an infection, an underlying health condition, or even cardiovascular risks, potentially damaging arteries and blood vessels—even when cholesterol and triglyceride levels appear normal.

By catching inflammation early, these blood tests allow you and your doctor to assess potential health concerns and create a personalised treatment plan to support your well-being. It is a valuable test for proactively managing your health and reducing long-term risks.

### Test List

- Albumin
- Anti-Cyclic Citrullinated Peptide Antibody
- Antistreptolysin O
- Complement Component 3
- Complement Component 4
- Ferritin
- High Sensitivity C-Reactive Protein
- Immunoglobulin A
- Immunoglobulin G
- Immunoglobulin M
- Rheumatoid Factor



## Iron Status

Iron is an essential mineral that your body needs for growth and development. The Iron Status Test Profile is a group of tests that measure the levels of iron and related markers in your blood to assess how your body metabolises, transports, and stores iron.

These tests provide valuable insights into various aspects of iron metabolism. When analysed together, they can help your doctor diagnose and monitor conditions such as:

- Iron deficiency (e.g., anaemia) – low iron levels
- Iron overload (e.g., haemochromatosis) – high iron levels

The Iron Status Profile offered by Fortress Clinical Laboratory helps your doctor identify and manage these conditions to ensure proper iron balance in your body.

### Test List

Ferritin  
Iron  
Total Iron Binding Capacity  
Transferrin  
Transferrin Saturation

## Kidney Health

The Fortress Clinical Laboratory Kidney Health Test Profile is a blood test that evaluates kidney function by measuring how well your kidneys filter waste and toxins from the blood. Proper kidney function is essential for overall health, and this test helps detect early signs of impairment.

Your doctor may recommend it if you have diabetes, high blood pressure, or symptoms like blood in urine, painful urination, or frequent urination. Regular monitoring supports early intervention, allowing your doctor to manage existing conditions and determine if further testing or treatment is necessary.

### Test List

Albumin  
Beta-2-Microglobulin  
Bicarbonate  
Calcium  
Calcium (adjusted)  
Chloride  
Creatinine  
Cystatin C  
Estimated Glomerular Filtration Rate  
Globulin  
Magnesium  
Phosphate  
Potassium  
Sodium  
Total Protein  
Urea  
Uric-Acid







## Liver Health

The liver is susceptible to a variety of diseases and infections that can cause acute or chronic damage, inflammation, scarring, bile duct obstructions, clotting abnormalities, and liver dysfunction. Significant liver damage can often occur before symptoms become noticeable, making early detection crucial to minimise damage and preserve liver function.

If you are displaying symptoms of liver disease, the Fortress Clinical Laboratory Liver Health Test Profile can be requested by your doctor to detect, evaluate, and monitor liver conditions. This comprehensive group of blood tests provides vital information that helps your doctor implement appropriate treatment and manage liver health more effectively. By identifying liver issues early, you can take proactive steps to preserve liver function and overall health.

### Test List

- Alanine Aminotransferase
- Albumin
- Alkaline Phosphatase
- Aspartate Aminotransferase
- Bile Acids
- Copper
- Direct Bilirubin
- Ferritin
- Gamma-Glutamyltransferase
- Globulin
- Lactate Dehydrogenase
- Total Bilirubin
- Total Protein

## Male Hormonal Health

The Fortress Clinical Laboratory Male Hormonal Health Test Profile provides you and your doctor with a comprehensive breakdown of the major male hormones, helping to identify whether your levels are within the normal range.

Male hormones play a key role in various aspects of health, including athletic performance, muscle strength, sex drive, and fertility. Imbalances can impact your overall well-being.

By understanding your hormonal levels, Fortress Clinical Laboratory can assist your doctor in diagnosing any issues and determining the most appropriate treatments based on your symptoms and results.

### Test List

- Free Androgen Index
- Sex Hormone Binding Globulin
- Testosterone



## Muscle & Joint Health

The Fortress Clinical Laboratory Muscle & Joint Health Test Profile is a blood test designed to give you and your doctor valuable insights into the health of your muscles and joints. This test profile measures key indicators of muscle and joint health, including Creatine Kinase, Uric Acid, Anti-Cyclic Citrullinated Peptide Antibody, and Rheumatoid Factor, which are essential for diagnosing muscle and joint injuries and diseases.

If you experience symptoms such as joint pain, muscle pain or cramps, balance issues, numbness, or tingling, you and your doctor may decide to request this group of blood tests. It provides a detailed understanding of your muscle and joint health to help guide diagnosis and treatment.

### Test List

Anti-Cyclic Citrullinated Peptide Antibody  
Creatine Kinase  
Rheumatoid Factor  
Uric-Acid

## Nutritional Health

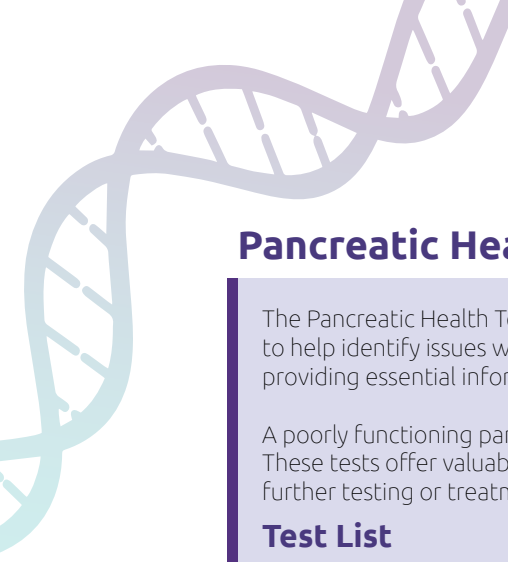
A Nutritional Health Blood Test Profile performed by Fortress Clinical Laboratory provides valuable insight into how your lifestyle and diet choices impact your health and essential nutrition markers. Vitamins and minerals are crucial for your body to function properly, supporting energy levels, immunity, and overall health.

If your diet lacks sufficient vitamins and minerals, or if your body is unable to absorb and transport them effectively, it can negatively affect your well-being. The results from this test profile can help your doctor identify any deficiencies and provide guidance to improve your health and lifestyle. By addressing deficiencies early, your doctor can reduce your risk of developing serious health concerns and recommend appropriate treatments if necessary.

### Test List

Albumin  
Calcium  
Calcium (adjusted)  
Copper  
Folate  
Iron  
Magnesium  
Total Antioxidant Status  
Vitamin B12  
Vitamin D  
Zinc





## Pancreatic Health

The Pancreatic Health Test Profile offered by Fortress Clinical Laboratory is a blood test designed to help identify issues with your pancreas. This test profile measures key pancreatic enzyme values, providing essential information for your doctor to evaluate your pancreas' health.

A poorly functioning pancreas can cause significant discomfort and lead to various digestive issues. These tests offer valuable insights into your pancreatic health, allowing your doctor to determine if further testing or treatment is necessary based on the results.

### Test List

Lipase  
Pancreatic Amylase

## Pituitary & Adrenal Health

The Pituitary & Adrenal Health Test Profile from Fortress Clinical Laboratory measures the key hormones produced by the pituitary gland, a small pea-sized gland located at the base of the brain. This gland is a crucial part of the endocrine system, responsible for producing and releasing hormones that regulate essential bodily functions, such as growth, metabolism, reproduction, response to stress or trauma, water and sodium balance, lactation, and childbirth.

Low levels of these hormones can result in symptoms related to these essential functions. The adrenal glands, located on top of each kidney, work closely with the pituitary gland. When both pituitary and adrenal hormone levels are low, it can lead to symptoms such as fatigue, sexual dysfunction, changes in blood pressure, and alterations in body composition or weight.

If you are experiencing symptoms related to pituitary and adrenal health or seeking peace of mind, your doctor may request a Pituitary & Adrenal Health blood test profile from Fortress Clinical Laboratory. Based on the results, your doctor will be able to recommend a personalised treatment plan or suggest additional testing as needed.

### Test List

Cortisol  
Dehydroepiandrosterone Sulphate  
Follicle Stimulating Hormone  
Luteinising Hormone  
Prolactin  
Thyroid Stimulating Hormone

## Prostate Health (Male)

The Prostate Health Test Profile is a group of blood tests performed by Fortress Clinical Laboratory that measures three key markers commonly associated with prostate cancer and enlarged prostate in men.

This test provides essential information to your doctor, helping them detect and monitor any potential issues related to your prostate health, such as prostate cancer or benign prostate enlargement. Based on the results, your doctor can determine the most appropriate course of action for diagnosis and treatment.

### Test List

Free Prostate Specific Antigen  
Free Prostate Specific Antigen/ Total Prostate Specific Antigen Ratio  
Total Prostate Specific Antigen



## Sexual Health Screening

Sexual health is essential to overall well-being, with many STIs being asymptomatic yet capable of causing long-term harm. Early detection through regular screening helps protect both personal and partner health.

Fortress Clinical Laboratory offers a comprehensive Sexual Health Screening Profile, including tests for HIV, Hepatitis A, and Hepatitis B—viruses that can cause serious liver and immune system damage. These tests are vital for those at risk or experiencing symptoms like fatigue, abdominal discomfort, or jaundice.

Early diagnosis allows prompt treatment. Your doctor can request this profile as part of routine care or in response to specific concerns, ensuring timely, informed management.

This test profile can also be requested by your doctor as part of a routine antenatal screening. It is recommended for every pregnancy, that your doctor carries out a Sexual Health Screening blood test. Your doctor will request a Fortress Clinical Laboratory Sexual Health Screening Test Profile ideally within your first 10 weeks of pregnancy, to ensure that, if needed, treatment can be started early, to reduce the risk of passing the infection on to your baby.

### Test List

- Human Immunodeficiency Virus
- Hepatitis A
- Hepatitis B
- Hepatitis C
- Syphilis
- Herpes

## Thyroid Health

The Fortress Clinical Laboratory Thyroid Health Test Profile may be requested by you and your doctor if you are experiencing symptoms such as fatigue, sluggishness, restlessness, changes in sleep patterns, irritability, or unexplained weight changes.

Based on the results provided by Fortress Clinical Laboratory, your doctor may diagnose one of two main thyroid conditions and create an appropriate treatment plan:

**Hypothyroidism** (Underactive Thyroid): This occurs when the thyroid gland does not produce enough hormones. Symptoms may include fatigue, hair loss, muscle weakness, weight gain, and sensitivity to the cold. If untreated, hypothyroidism can lead to complications such as heart disease, pregnancy complications, or swelling in the throat.

**Hyperthyroidism** (Overactive Thyroid): This occurs when the thyroid gland produces too many hormones. Symptoms may include anxiety, weight loss, hyperactivity, tremors, heat sensitivity, or swelling in the throat. If untreated, hyperthyroidism can cause eye problems, pregnancy complications, or even a thyroid storm, a rare but severe and life-threatening condition.

By evaluating your thyroid health through this test profile, your doctor can determine the underlying issue and recommend the best course of action.

### Test List

- Free Thyroxine
- Free Tri-iodothyronine
- Thyroid Stimulating Hormone
- Total Thyroxine
- Total Tri-iodothyronine







**Your Health,  
Our Priority**





## Tumour Associated Markers

Most tumour markers are proteins produced by both normal and cancer cells, but they are often produced in higher amounts by cancer cells. It is important to note that an elevated result from these blood tests, performed by Fortress Clinical Laboratory, does not necessarily indicate cancer. These tests are simply associated with tumours.

The Tumour Associated Markers Test Profile results will help you and your doctor determine the next steps, whether that involves further testing or treatment.

If you are currently undergoing cancer treatment, this test profile can be particularly beneficial for you and your doctor to monitor and track the effectiveness of your treatment over time.

### Test List

Cancer Antigen 125  
Cancer Antigen 15-3  
Cancer Antigen 19-9

## Urinalysis

A Urinalysis Test Profile involves evaluating the appearance, concentration, and content of a person's urine. This test can be requested by your doctor as part of a routine screening.

Additionally, a Urinalysis test can assist your doctor in detecting and managing a wide range of disorders, such as urinary tract infections, kidney or liver disease, and diabetes. By identifying potential concerns early, the Fortress Clinical Laboratory Urinalysis Test Profile helps your doctor provide better treatment and ensure more effective management of your health.

### Test List

Bilirubin  
Glucose  
Ketones  
Nitrite  
pH  
Protein  
Red Blood Cells  
Urobilinogen  
White Blood Cells

If there is a particular test you are interested in that is not on this list, or any further questions regarding our tests, please reach out to our Team via [info@fortressclinical.com](mailto:info@fortressclinical.com).









# Advancing Clinical Testing







**Immunoassay**



# Immunoassay 05

An immunoassay is a biochemical laboratory procedure that detects the compound to be tested using antibodies or antigens. These are large proteins that can be specifically designed to attach themselves near-perfectly to the specific molecule that you need to detect. The specific antigen or antibody then indicates the presence

of its target in a sample (usually liquid) by causing it to change colour or become fluorescent. They can also be used to measure how much of a target molecule is present in a sample. Immunoassays are a highly accurate method of detection that can detect a range of substances, including hormones and disease biomarkers.

| Assay                                                                    | Test Code | Tube Type        |
|--------------------------------------------------------------------------|-----------|------------------|
| Anti-Cyclic Citrullinated Peptide Antibody                               | Anti-CCP  | Gold Top (Serum) |
| Anti-mullerian Hormone                                                   | AMH       | Gold Top (Serum) |
| Cancer Antigen 125                                                       | CA125     | Gold Top (Serum) |
| Cancer Antigen 15-3                                                      | CA15-3    | Gold Top (Serum) |
| Cancer Antigen 19-9                                                      | CA19-9    | Gold Top (Serum) |
| C-Peptide                                                                | C-Pep     | Gold Top (Serum) |
| Cortisol                                                                 | Cort      | Gold Top (Serum) |
| Creatine Kinase Myocardial Band (Reflex Test)                            | CK-MB     | Gold Top (Serum) |
| Dehydroepiandrosterone sulphate                                          | DHEAS     | Gold Top (Serum) |
| Epstein-Barr Virus                                                       | EBV       | Gold Top (Serum) |
| Estradiol                                                                | E2        | Gold Top (Serum) |
| Free Triiodothyronine                                                    | FT3       | Gold Top (Serum) |
| Free Thyroxine                                                           | FT4       | Gold Top (Serum) |
| Free Androgen Index                                                      | FAI       | Gold Top (Serum) |
| Folate                                                                   | Fol       | Gold Top (Serum) |
| Free Prostate Specific Antigen                                           | FPSA      | Gold Top (Serum) |
| Free Prostate Specific Antigen/<br>Total Prostate Specific Antigen Ratio | FPSA/TPSA | Gold Top (Serum) |
| Follicle Stimulating Hormone                                             | FSH       | Gold Top (Serum) |
| Human Immunodeficiency Virus                                             | HIV       | Gold Top (Serum) |
| Hepatitis A                                                              | Hep A     | Gold Top (Serum) |
| Hepatitis B                                                              | Hep B     | Gold Top (Serum) |
| Hepatitis C                                                              | Hep C     | Gold Top (Serum) |
| Herpes                                                                   | Herp      | Gold Top (Serum) |
| Insulin                                                                  | Ins       | Gold Top (Serum) |
| Luteinising Hormone                                                      | LH        | Gold Top (Serum) |
| Macroprolactin (Reflex Test)                                             | Macroprl  | Gold Top (Serum) |
| Progesterone                                                             | Prog      | Gold Top (Serum) |
| Prolactin                                                                | Prl       | Gold Top (Serum) |
| Sex Hormone Binding Globulin                                             | SHBG      | Gold Top (Serum) |
| Syphilis                                                                 | Syp       | Gold Top (Serum) |
| Testosterone                                                             | Test      | Gold Top (Serum) |
| Total Prostate Specific Antigen                                          | TPSA      | Gold Top (Serum) |
| Total Triiodothyronine                                                   | TT3       | Gold Top (Serum) |
| Total Thyroxine                                                          | TT4       | Gold Top (Serum) |
| Thyroid Stimulating Hormone                                              | TSH       | Gold Top (Serum) |
| Vitamin B12                                                              | VB12      | Gold Top (Serum) |
| Vitamin D                                                                | VD        | Gold Top (Serum) |





Clinical Chemistry





# Clinical Chemistry 06

Clinical Chemistry refers to the detection methods used to determine enzymes, carbohydrates, lipids, protein and non-protein nitrogen, inorganic elements, liver function and other indicators in the body through various biochemical reactions. It is mainly used in routine testing in laboratories.

Analyte in a sample binds to a reagent to form a precipitate. By shining a light through this precipitate, the amount of light that passes through the sample is directionally proportional to the amount of that analyte in the sample.

| Assay                                | Test Code | Tube Type                                                                |
|--------------------------------------|-----------|--------------------------------------------------------------------------|
| Alanine Aminotransferase             | ALT       | Gold Top (Serum)                                                         |
| Albumin                              | Alb       | Gold Top (Serum)                                                         |
| Alkaline Phosphatase                 | ALP       | Gold Top (Serum)                                                         |
| Antistreptolysin O                   | ASO       | Gold Top (Serum)                                                         |
| Apolipoprotein A-I                   | Apo A1    | Gold Top (Serum)                                                         |
| Apolipoprotein B                     | Apo B     | Gold Top (Serum)                                                         |
| Apolipoprotein A1/B Ratio            | ApoA1/B   | Gold Top (Serum)                                                         |
| Aspartate Aminotransferase           | AST       | Gold Top (Serum)                                                         |
| Beta-2-Microglobulin                 | B2M       | Gold Top (Serum)                                                         |
| Bicarbonate                          | CO2       | Gold Top (Serum)                                                         |
| Bile Acids                           | TBA       | Gold Top (Serum)                                                         |
| Calcium                              | Ca        | Gold Top (Serum)                                                         |
| Calcium (Adjusted)                   | Ca(adj)   | Gold Top (Serum)                                                         |
| Chloride                             | Cl        | Gold Top (Serum)                                                         |
| Complement Component 3               | C3        | Gold Top (Serum)                                                         |
| Complement Component 4               | C4        | Gold Top (Serum)                                                         |
| Copper                               | Cu        | Gold Top (Serum)                                                         |
| Creatine Kinase                      | CK-NAC    | Gold Top (Serum)                                                         |
| Creatinine                           | Creat     | Gold Top (Serum)                                                         |
| Cystatin C                           | Cys C     | Gold Top (Serum)                                                         |
| Direct Bilirubin                     | D-Bil     | Gold Top (Serum)<br>[* Protected from light<br>e.g. wrapped in tin foil] |
| Estimated Glomerular Filtration Rate | eGFR      | Gold Top (Serum)                                                         |
| Ferritin                             | Ferr      | Gold Top (Serum)                                                         |
| Gamma-Glutamyltransferase            | GGT       | Gold Top (Serum)                                                         |
| Globulin                             | Glob      | Gold Top (Serum)                                                         |
| Glucose                              | Gluc      | Grey Top (Plasma)                                                        |
| Homocysteine                         | HCY       | Gold Top (Serum)                                                         |
| Glycated Haemoglobin                 | HbA1c     | Lavender Top (Whole<br>Blood)(EDTA)                                      |
| High Density Lipoprotein Cholesterol | HDL       | Gold Top (Serum)                                                         |
| High Sensitivity C-Reactive Protein  | hsCRP     | Gold Top (Serum)                                                         |
| Immunoglobulin A                     | IgA       | Gold Top (Serum)                                                         |
| Immunoglobulin G                     | IgG       | Gold Top (Serum)                                                         |
| Immunoglobulin M                     | IgM       | Gold Top (Serum)                                                         |
| Iron                                 | Fe        | Gold Top (Serum)                                                         |
| Lactate Dehydrogenase                | LDH       | Gold Top (Serum)                                                         |





| Assay                                   | Test Code | Tube Type                                                               |
|-----------------------------------------|-----------|-------------------------------------------------------------------------|
| Low Density Lipoprotein Cholesterol     | LDL       | Gold Top (Serum)                                                        |
| Lipase                                  | Lip       | Gold Top (Serum)                                                        |
| Lipoprotein (a)                         | Lpa       | Gold Top (Serum)                                                        |
| Magnesium                               | Mg        | Gold Top (Serum)                                                        |
| Phosphate                               | Phos      | Gold Top (Serum)                                                        |
| Potassium                               | K         | Gold Top (Serum)                                                        |
| Pancreatic Amylase                      | PAMY      | Gold Top (Serum)                                                        |
| Rheumatoid Factor                       | RF        | Gold Top (Serum)                                                        |
| Sodium                                  | Na        | Gold Top (Serum)                                                        |
| Total Antioxidant Status                | TAS       | Gold Top (Serum)                                                        |
| Total Bilirubin                         | T-Bil     | Gold Top (Serum)<br>[*Protected from light<br>e.g. wrapped in tin foil] |
| Total Cholesterol                       | Chol      | Gold Top (Serum)                                                        |
| Total Cholesterol/HDL Cholesterol Ratio | Chol/HDL  | Gold Top (Serum)                                                        |
| Total Iron Binding Capacity             | TIBC      | Gold Top (Serum)                                                        |
| Total Protein                           | TP        | Gold Top (Serum)                                                        |
| Transferrin                             | TF        | Gold Top (Serum)                                                        |
| Transferrin Saturation                  | TF Sat    | Gold Top (Serum)                                                        |
| Triglycerides                           | Trigs     | Gold Top (Serum)                                                        |
| Urea                                    | Urea      | Gold Top (Serum)                                                        |
| Uric Acid                               | U-Acid    | Gold Top (Serum)                                                        |
| Zinc                                    | Zn        | Navy Top (Plasma)                                                       |









**Full Blood Count**



# Full Blood Count 07

A full blood count (FBC) is a common blood test that can provide information about a range of conditions. A full blood count test looks for abnormalities in your blood, such as unusually high or low numbers of blood cells.

This common blood test can help to diagnose a wide range of illnesses, infections and diseases. Your doctor may arrange further tests to help determine the cause of the abnormality.

| Assay                               | Test Code | Tube Type                        |
|-------------------------------------|-----------|----------------------------------|
| Basophil Count                      | Baso      | Lavender Top (Whole Blood)(EDTA) |
| Eosinophil Count                    | Eos       | Lavender Top (Whole Blood)(EDTA) |
| Haemoglobin                         | Hb        | Lavender Top (Whole Blood)(EDTA) |
| Haematocrit                         | HCT       | Lavender Top (Whole Blood)(EDTA) |
| Lymphocyte Count                    | Lymph     | Lavender Top (Whole Blood)(EDTA) |
| Mean Cell Haemoglobin               | MCH       | Lavender Top (Whole Blood)(EDTA) |
| Mean Cell Haemoglobin Concentration | MCHC      | Lavender Top (Whole Blood)(EDTA) |
| Monocyte Count                      | Mono      | Lavender Top (Whole Blood)(EDTA) |
| Neutrophil Count                    | Neut      | Lavender Top (Whole Blood)(EDTA) |
| Platelet Count                      | Plt       | Lavender Top (Whole Blood)(EDTA) |
| Red Blood Cell Count                | RBC       | Lavender Top (Whole Blood)(EDTA) |
| Red Blood Cell Mean Volume          | MCV       | Lavender Top (Whole Blood)(EDTA) |
| White Blood Cell Count              | WBC       | Lavender Top (Whole Blood)(EDTA) |





**Urinalysis**



# Urinalysis 08

A portmanteau of the words urine and analysis, is a panel of medical tests that includes chemical evaluation using urine test strips, and sometimes microscopic examination.

A urinalysis is a test of your urine. It's used to detect and manage a wide range of disorders, such as urinary tract infections, kidney disease and diabetes.

| Assay             | Test Code | Tube Type |
|-------------------|-----------|-----------|
| Bilirubin         | Bil (U)   | Urine Pot |
| Glucose           | Gluc (U)  | Urine Pot |
| Ketones           | Ket       | Urine Pot |
| Nitrite           | Nit       | Urine Pot |
| pH                | pH        | Urine Pot |
| Protein           | Prot (U)  | Urine Pot |
| Red Blood Cells   | RBC (U)   | Urine Pot |
| Urobilinogen      | UBG       | Urine Pot |
| White Blood Cells | WBC (U)   | Urine Pot |





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# Terms & Conditions 09

## Scope of Services

1.1 The company agrees to provide clinical testing services, including but not limited to diagnostic tests, sample analysis, and result reporting, as requested by the client.

1.2 Specific tests and services will be detailed in individual service agreements or requests from the client.

## Service Standards

2.1 All tests will be conducted in accordance with industry standards, applicable regulations, and the company's standard operating procedures.

2.2 The company ensures compliance with relevant quality control and assurance protocols.

## Responsibilities of the Client

3.1 The client shall ensure that all samples submitted meet the required conditions as outlined in the company's guidelines (e.g., proper labelling, storage, and transportation).

3.2 The client is responsible for obtaining informed consent from patients for testing and for sharing relevant clinical information where necessary for accurate analysis.

3.3 The client must provide clear instructions regarding the tests required and adhere to agreed timelines for sample submission.

## Fees and Payment

4.1 Pricing for services will be detailed in the agreement or pricing schedule shared with the client.

4.2 Payment terms are [e.g., 30 days from the date of invoice]. Late payments may incur additional charges as per the agreed terms.

4.3 Any changes to pricing or additional fees will be communicated to the client in advance.

## Turnaround Time

5.1 The company will provide test results within the agreed timeframe, barring unforeseen delays due to sample quality issues, incomplete submissions, or external factors beyond the company's control.

5.2 Urgent tests may be subject to additional fees and will be handled as per the terms agreed upon with the client.

## Confidentiality and Data Protection

6.1 The company commits to maintaining strict confidentiality of all patient and client data, in compliance with applicable data protection laws (e.g., Data Protection act, GDPR).

6.2 Results and data will only be shared with authorised personnel designated by the client.

## Liability

7.1 The company shall not be held liable for errors arising from improper sample handling, labelling, or submission by the client.

7.2 The company's liability is limited to the cost of the specific test(s) performed.

7.3 The company is not responsible for clinical decisions made by the client based on test results.

## Termination

8.1 Either party may terminate the agreement by providing [e.g., 30 days' written notice].

8.2 The company reserves the right to terminate the agreement immediately in cases of non-payment, breach of terms, or unethical practices by the client.

## Force Majeure

9.1 The company shall not be held responsible for delays or failure to perform services due to circumstances beyond its control, including natural disasters, pandemics, or government restrictions.

## Governing Law and Dispute Resolution

10.1 Any disputes shall be resolved through mediation, arbitration, or court proceedings as per the terms agreed upon.

## Amendments and Notices

11.1 These terms and conditions may be updated by the company with prior written notice to the client.

11.2 All notices related to this agreement shall be in writing and sent to the respective party's official address or email.

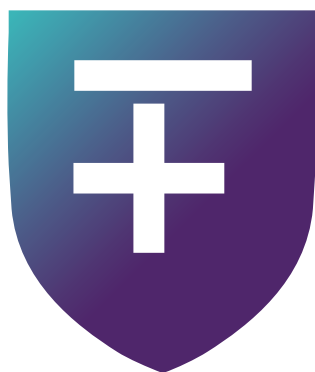




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