

Common Pathology Tests

londonmedicallaboratory.com



LONDON MEDICAL
LABORATORY

Blood Tests

More and more people are becoming proactive about their health.

There is no better way for patients to check for underlying health problems, or monitor existing conditions, than with a blood test.

From our state-of-the-art laboratory in London, we offer the latest in pathology testing solutions across many disciplines, including biochemistry, immunology, haematology, sexual health screening and molecular biology.

Whether people are concerned about their health, simply curious, or managing an existing condition, blood tests are the best way for them to start taking charge of their health.

Process:

The quickest and best way to get a blood test is to provide the sample via phlebotomy, which allows for larger sample volumes, quicker turnaround times and less chance of the sample being clotted or haemolysed. The larger volume also means that a much greater range of testing can be done than is possible with a finger prick (capillary) sample. For example, our most popular tests, the Well Women/Man Premier Profiles need a venous blood sample, as there are about 45 different tests in the profiles.

Having a sample taken in-store also ensures that our network of couriers are able to get your sample directly to the laboratory on the same day ensuring that your patients will get their results and doctors report the next day.

We do offer a wide range of popular tests and smaller profiles in Home Testing Kits for those people who choose to provide a finger prick sample in the comfort of their own homes. The test kit contains easy to follow instructions and a postage paid return envelope so the patient can return their samples directly to the laboratory.

Results:

Patients will receive a comprehensive doctor's report by email with the result of every test and how they compare with standard reference ranges. All test results are reviewed by our in-house GPs who comment on any abnormal result, highlighting anything that may need further investigation or follow-up.

We run a 24/7 laboratory operation and commence processing all samples as soon as they arrive at our laboratory in central London; thereby ensuring that all reports are sent out to patients the next day at the latest. Home Testing Kits are returned via Royal Mail 1st Class Tracked service which normally delivers the next working day however delays with post are common and it is worth noting that this can impact the turnaround times for patient receiving their reports.

Further support and advice:

We are fully committed to supporting all our pharmacy partners in every way we can to provide an excellent, professional and profitable blood testing service. In addition to free phlebotomy training for your staff, we offer sales training and supply tubes and needles. We also provide a full range of marketing literature and merchandising to support sales in your pharmacy.













Information on all of the above is available at www.londonmedicallaboratory.com/client-hub/ or by emailing us at client@londonmedicallaboratory.co.uk


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London Medical Laboratory Tests

Please note that certain tests require two tubes (SST & EDTA)



Code	Description	Sample Type	Home testing kit	Page
Baseline Tests (single biomarker)				
CA	Calcium	●		8
LIPP	Cholesterol Profile	●		8
HCRP	hsCRP (High Sensitivity C-Reactive Protein)	●		8
CORT	Cortisol	●		8
GHB	Diabetes - HbA1c	●		8
FERR	Ferritin	●		8
FOLA	Folate (Vitamin B9)	●		8
FSH	Follicular Stimulating Hormone (FSH)	●		8
FBC	Full Blood Count (not available for postal)	●		8
HBIM	Hepatitis B Immunity	●		9
AUAG	Hepatitis B Surface Antigen	●		9
HEPC	Hepatitis C Antibodies	●		9
HDUO	HIV 1&2 and p4 Antigen	●		9
KF	Kidney Function Tests	●		9
LFT	Liver Function Tests	●		9
LH	Luteinising Hormone (LH)	●		9
MG	Magnesium (Serum)	●		9
OEST	Oestradiol (E2)	●		10
QHCG	Pregnancy - Beta HCG (Quantitative)	●		10
PROG	Progesterone - Day 21	●		10
PROL	Prolactin	●		10
SERJ	Syphilis IgM/IgG	●		10
TEST	Testosterone Check	●		10
TF	Thyroid Function Profile	●		10
B12	Vitamin B12 (Total)	●		10
VITD	Vitamin D (25-OH)	●		11
ZINC	Zinc (serum)	●		11
Enhanced Profiles				
ISP	Iron Status Profile	●		11
PSPA	Prostate PSA Total	●		11
FCG	Male Chlamydia/Gonorrhoea Screen (urine)			11
FSCG	Female Chlamydia/Gonorrhoea Screen (swab)			11
TESTP	Testosterone Plus Profile	●		11

● SST (Gold Top) ● EDTA (Lavender Top)  Swab  Urine  Home testing kit


Code	Description	Sample Type	Home testing kit	Page
Premier Profiles				
PR2	Prostate Profile (Total & Free PSA, Ratio)	●		11
ML1P	General Health Profile	● ●		12
AMH	Anti-Mullerian Hormone (Fertility)	●		12
IMPOP	Erectile Dysfunction Profile	● ●		12
FIP	Fertility Hormones Profile	●		13
HHP	Heart Health Profile	● ●		13
HEPB	Hepatitis B Full Profile	●		13
MHP	Male Hormone Profile	●		13
FMP	Menopause Hormones Profile	●		13
ML2P	Premier Health Profile	● ●		14
SH14	STI Screen - Bloods Only	●		14
TF2	Thyroid Full Profile Including Antibodies	●		14
VP	Vitamin Profile - D, B12 & Folate	●		14

Blood Group				
ABO	Blood Group Test	●		14

Premier Plus Profiles				
ANAE	Anaemia Profile	● ●		15
TP	Tiredness/Fatigue Profile	● ●		15
MLSB	Sports Fitness Profile	● ●		15
MLSH	Full Sports Hormone Profile	●		16
ML6P	Well Person Profile	● ●		16

Premier Enhanced Profiles				
ML7P	Well Man Comprehensive Profile	● ●		17
ML8P	Well Woman Comprehensive Profile	● ●		18
FUSC	Male Sexual Health - Advanced Screen	●		18
FSWS	Female Sexual Health - Advanced Screen	●		19

Allergy Tests				
ALEX2	Allergy Complete - 295 allergens tested	●		19

Covid-19 Tests				
COVPCR	Covid-19 PCR Swab Test			
COVIGGQ	Covid-19 Immunity IgG Quantitative Antibody	●		19
COVIGM	Covid-19 IgM Antibody Test	●		

London Medical Laboratory Tests

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* FBC samples need to be tested within 24 hours and are not suitable for post

CA Calcium

Calcium is an important mineral which is found in the bones as well as circulating in the blood. It has a range of functions and is essential in bone formation and blood clotting. In the blood, calcium can either be free and active or it can be bound to proteins like albumin. Calcium tests are used to diagnose and monitor different conditions that can affect bone, heart and kidneys.

LIPP Cholesterol Profile

Biomarkers:

HDL Percentage	✓
HDL (High-Density Lipoprotein)	✓
LDL (Low-Density Lipoprotein)	✓
Non-HDL Cholesterol	✓
Total Cholesterol	✓
Total Cholesterol : HDL Ratio	✓
Triglyceride	✓

About the test:

This test can indicate your risk of developing cardiovascular problems. High cholesterol levels can cause your arteries to become blocked - leading to coronary heart disease, heart attack or a stroke. Finding out about high levels of cholesterol can help you to make the positive lifestyle and dietary changes needed to improve your chances of a long and healthy life.

HCRP hsCRP (High Sensitivity C-Reactive Protein)

Inflammation is a process by which your body's white blood cells protect you from infection by bacteria and viruses. Checking for inflammation can help identify a wide range of conditions. hsCRP is a test which measures a protein which increases in the blood during inflammation. hsCRP tests are also used predict the risk of heart conditions such as a heart attack.

CORT Cortisol

Cortisol is a steroid hormone produced in your adrenal glands. A cortisol test is used to measure adrenal performance and can indicate if you are putting your body under too much stress.

GHB Diabetes - HbA1c

A high HbA1c is used to diagnose diabetes. It is particularly useful because it gives an indication of how often you have had abnormally high blood glucose levels over the previous 3 months – rather than a glucose test which only shows your level at a single point in time. It is a potentially life-saving test and it is quite common for people to have diabetes and not know about it. Unmanaged or undiagnosed diabetes is one of the leading causes of mortality.

FERR Ferritin

Ferritin is a blood protein that is used to store iron. Iron is used for the transportation of oxygen in the blood. It is measured to understand how much iron the body stores. Ferritin tests are used to diagnose anaemia and liver disease.

FOLA Folate (Vitamin B9)

Folate is a vitamin which is necessary for the formation of red blood cells, tissue and cellular repairs and is important during pregnancy. It can be found in leafy green vegetables, yeast and citrus fruits. Folate tests are used to help diagnose the cause of anaemia.

FSH Follicular Stimulating Hormone (FSH)

FSH is a reproductive hormone that is produced by the pituitary gland in the brain. FSH stimulates the growth and development of unfertilised eggs during the menstrual cycle in women and initiates the production of sex hormones such as oestradiol and progesterone. FSH is also used to stimulate the production of sperm in men. The FSH hormone is often tested with other sex hormones such as LH, testosterone, oestradiol and progesterone for diagnosing infertility and pituitary gland disorders in men and women.

FBC Full Blood Count (FBC)

Provides information about different cells in the blood, including red blood cells, white blood cells and platelets. Red blood cells contain haemoglobin which carries oxygen to different tissues in the body whereas white blood cells

control the immune system and protects the body from foreign invaders such as bacteria and viruses. It is used as a screening test for various disorders like anaemia and infections. **Please note that FBC samples need to be tested within 24 hours and are not suitable for post.**

HBIM Hepatitis B Immunity

A hepatitis B IgG immunity blood test indicates whether a person is protected against the hepatitis B virus. The test is normally carried out after receiving a course of hepatitis B vaccines.

AUAG Hepatitis B Surface Antigen

Hepatitis B Surface Antigen (HBsAg) are produced in the body by the hepatitis B virus. It is a virus which causes a liver infection and is spread from contact with the blood and bodily fluids of an infected person. HBsAg tests are used to diagnose if a person is currently infectious.

HEPC Hepatitis C Antibodies

Hepatitis C Antibodies (HCAg) are produced by the immune system after exposure to hepatitis C. Hepatitis C is a virus which causes a liver infection and is spread from contact with the blood of an infected person. HCAg tests are used to determine whether a person has previously been exposed to hepatitis C.

HDOU HIV 1&2 Antibodies and p4 Antigen

HIV 1&2 antibodies are produced by the immune system after exposure to HIV. HIV 1&2 antibodies tests are used to measure the presence of antibodies being produced in response to the presence of HIV. Levels of the viral p24 protein are present in the blood serum of newly infected individuals during the short period between infection and seroconversion, making p24 antigen assays useful in diagnosing primary HIV infection.

KF Kidney Function

Biomarkers:

Creatinine	✓
Glomerular Filtration Rate	✓
Urea	✓

About the test:

Your kidneys play a vital role in keeping your body functioning including the removal of waste products, releasing hormones to regulate blood pressure and controlling the production of red blood cells. A healthy kidney function is vital to your overall health and wellbeing.

LFT Liver Function

Biomarkers:

Alanine Transaminase (ALT)	✓
Albumin	✓
Alkaline Phosphate (ALP)	✓
Aspartate Aminotransferase (AST)	✓
Gamma-Glutamyl Transferase (GGT)	✓
Globulin	✓
Total Bilirubin	✓
Total Protein	✓

About the test:

The liver is responsible for many of the bodies essential functions such as regulating blood sugar levels, fighting infections and detoxifying your blood. Good liver function is vital to your overall health and wellbeing.

LH Luteinizing Hormone (LH)

LH is a reproductive hormone that is produced by the pituitary gland in the brain. This hormone is used to regulate the menstrual cycle and ovulation by stimulating the ovaries to produce other reproductive hormones in females whereas in men, LH stimulates and controls testosterone. The LH test is used to determine any reproductive problems.

MG Magnesium

Magnesium is a mineral found mainly in the bone, but it can also be seen in the blood. It is used for energy production, muscle contraction

and for maintaining strong bones. The body regulates the magnesium levels by regulating the amount being absorbed from the intestines and the amount being excreted in the urine. Magnesium tests are used to investigate the severity of kidney problems as well as diagnosing and monitoring gastrointestinal disorders.

OEST Oestradiol

Oestradiol is a form of oestrogen and the main female hormone produced by non-pregnant women. The hormone has an important role in the development of female physical features and reproductive functions. Oestradiol tests are used for the evaluation of ovarian function. It can also be used to diagnose the cause of early and delayed puberty in girls as well as used to monitor hormone replacement therapy in women during after menopause.

QHCG Pregnancy - Beta HCG (Quantitative)

Checks whether you are pregnant or not. Blood tests can detect pregnancy hormones at lower levels than a urine test so this test can help you confirm your pregnancy at the earliest possible date. This test looks for the presence of the pregnancy hormone beta-HCG. It also checks the quantitative levels of this hormone in your blood which can sometimes be used to determine what stage your pregnancy is at.

PROG Progesterone - Day 21 Ovulation

Checks your progesterone levels which can confirm whether you have ovulated or not. It needs to be taken about 21 days into your cycle. Analysis of progesterone levels show a large spike in the latter half of your cycle if successful ovulation has occurred.

PROL Prolactin

Prolactin is a hormone produced by the pituitary gland in the brain. The main role of prolactin is to promote lactation (breast milk production) in women during pregnancy and after childbirth. A prolactin test is used to diagnose infertility in both men and women as well as menstrual problems and erectile dysfunction.

SERJ Syphilis IgM/IgG

Syphilis IgM/IgG are produced by the immune system during and after exposure to syphilis. IgM are antibodies that are the first form of response to syphilis are used to indicate current infection. IgG are antibodies that are produced after exposure to syphilis are used as an indicator of long-term immunity that the body creates.

TEST Testosterone Check

Checks your level of the hormone Testosterone. Testosterone is the main sex hormone in males. The high levels of testosterone that men have compared to women are responsible for the development of virtually all the physical differences between the sexes. In adult males it controls sex drive, maintains muscle mass and helps make sperm. Understanding your testosterone level may help if you are experiencing low sex drive, infertility, erectile dysfunction and more. Testosterone levels should also be checked regularly by anyone using testosterone supplements for any reason.

TF Thyroid Function Profile

Biomarkers:	
Free T4 (thyroxine)	✓
Thyroid Stimulating Hormone (TSH)	✓

About the test:

This Thyroid Function Profile checks the general function of your thyroid gland. It tests for the level of thyroid stimulating hormone (TSH) and free T4 (thyroxine). It will give you a very good indication of whether your thyroid is functioning normally or not, which can lead to tiredness, mood problems and weight issues.

B12 Vitamin B12 (Total)

Vitamin B12 is essential for your health and wellbeing and performs several important functions in the body, including keeping the nervous system healthy. Understanding your level is important as low levels of vitamin B12 can have severe effects on blood and overall health. A Vitamin B12 test is particularly important for those on a plant-based diet.

VITD Vitamin D

Vitamin D is essential for your health and wellbeing. It helps regulate the amount of calcium and phosphate in the body which are needed to keep bones, teeth and muscles healthy. Understanding your vitamin D levels is very important for anyone living in the UK. Up to a quarter of the population is low in vitamin D at the end of winter. Low levels can cause a long list of health problems including fatigue, bone & muscle pain, depression and more.

ZINC Zinc (serum)

Zinc is an essential component in many cellular processes and is also a co-factor in many enzymes. Zinc deficiency is very common worldwide and can affect the skin and gastrointestinal tract, brain & central nervous system, immune, skeletal, and reproductive systems. Zinc tests are popular for people on plant-based diets.

ISP Iron Status Profile

Biomarkers:	
Ferritin	✓
Iron	✓
Total Iron Binding Capacity	✓
Transferrin Saturation	✓
Unsaturated Iron Binding Capacity	✓

About the test:

This profile checks levels of iron. Low iron can cause anaemia, a common issue causing a list of problems starting with fatigue, weakness and coldness which can then progress to more serious conditions. We also test for how well the body can absorb iron which may be reduced in conditions affecting the liver.

PSPA Prostate PSA Total

Total Prostate Specific Antigen (PSA) is the total amount of prostate specific antigen being produced by the cells in the prostate gland. This test is used to detect and monitor the treatment response of prostate cancer.

FCG/ FSCG Chlamydia/Gonorrhoea Screen - Male (urine) or Female (swab)

Biomarkers:	
Chlamydia PCR	✓
Gonorrhoea PCR	✓

Chlamydia is a sexually transmitted infection from the bacteria *Chlamydia trachomatis*. Chlamydia is by far the most common sexually transmitted disease in the UK at present. A large percentage of people with this will not exhibit any symptoms thus chlamydia often being referred to as "The Silent Epidemic". Chlamydia can be easily treated, if left untreated however it can cause significant reproductive problems. If your result is positive, it is important to contact your partner (s) to advise them of the result and get tested / treated as well.

Gonorrhoea is a sexually transmitted infection caused by the bacteria *Neisseria gonorrhoeae*. If left untreated, gonorrhoea can cause severe reproductive and health problems.

TESTP Testosterone Plus

Biomarkers:	
Hormones	
Free Testosterone Calculation	✓
Sex Hormone Binding Globulin (SHBG)	✓
Testosterone	✓

About the test:

Understanding your testosterone levels may help if you are experiencing low sex drive, infertility, erectile dysfunction and more. Testosterone levels should also be checked regularly by anyone using testosterone supplements for any reason. This is the enhanced testosterone test which includes albumin, sex hormone binding globulin (SHBG) and a free testosterone calculation will give you a very good indication of the levels of testosterone in your body.

PR2 Prostate Profile

Biomarkers:	
Free Prostate Specific Antigen	✓
Free : Total PSA Ratio	✓
Total Prostate Specific Antigen (PSA)	✓

About the test:

This profile checks the levels of Prostate Specific Antigen (PSA). A high PSA can indicate problems with the prostate gland.

ML1P General Health Profile

Biomarkers:

Liver Function

Alanine transaminase	✓
Albumin	✓
Alkaline Phosphatase	✓
Aspartate aminotransferase	✓
Gamma GT	✓
Globulin	✓
Total Bilirubin	✓
Total Protein	✓

Cholesterol

HDL Percentage	✓
HDL (High-Density Lipoprotein)	✓
LDL (Low-Density Lipoprotein)	✓
Non-HDL Cholesterol	✓
Total Cholesterol	✓
Total Cholesterol : HDL Ratio	✓
Triglyceride	✓

Diabetes

HbA1c (Glycosylated Haemoglobin)	✓
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Kidney Function

Creatinine	✓
Glomerular Filtration Rate (eGFR)	✓
Urea	✓

Iron

Iron	✓
Total Iron Binding Capacity	✓
Transferrin Saturation	✓
Unsaturated Iron Binding Capacity	✓

Muscle & Bone

Adjusted calcium	✓
Calcium	✓
Creatine Kinase	✓

Gout

Urate (Uric Acid)	✓
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About the test:

This profile is a detailed check of your liver & kidney function, your muscle & bone health,

gout, iron levels, diabetes (HbA1c), and your full cholesterol profile.

This profile provides a good baseline health check. It helps you to proactively manage your health and identify/monitor many underlying or pre-existing conditions throughout your body.

AMH Anti-Mullerian Hormone (AMH)

An AMH test is often used to check a woman's ability to produce eggs that can be fertilised for pregnancy. A woman's ovaries can make thousands of eggs during her childbearing years. The number declines as a woman gets older. AMH levels can help show how many potential egg cells a woman has left (the ovarian reserve).

IMPOP Erectile Dysfunction Profile

Biomarkers:

Cholesterol

HDL Percentage	✓
HDL (High-Density Lipoprotein)	✓
LDL (Low-Density Lipoprotein)	✓
Non-HDL Cholesterol	✓
Total Cholesterol	✓
Total Cholesterol : HDL Ratio	✓
Triglyceride	✓

Diabetes

HbA1c (Glycosylated Haemoglobin)	✓
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Thyroid

Thyroid Stimulating Hormone (TSH)	✓
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Hormones

Free Testosterone Calculation	✓
Prolactin	✓
Testosterone	✓

Prostate

Total Prostate Specific Antigen (PSA)	✓
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About the test:

This profile checks for a range of male hormones and other health indicators which can contribute to erectile dysfunction.

It includes a full cholesterol test, a test for diabetes, a check-up of both your prostate and thyroid glands, and a hormone test for prolactin and testosterone, the main sex hormone in males.

FIP Fertility Hormones Profile

Biomarkers:

Follicular Stimulating Hormone (FSH)	✓
Luteinizing Hormone (LH)	✓
Oestradiol	✓
Prolactin	✓

About the test:

Checks levels of important hormones related to fertility, menopause, period problems and other hormone related issues. It may identify imbalances that could impact your fertility.

HHP Heart Health Profile (including diabetes)

Biomarkers:

Cholesterol

HDL Percentage	✓
HDL (High-Density Lipoprotein)	✓
LDL (Low-Density Lipoprotein)	✓
Non-HDL Cholesterol	✓
Total Cholesterol	✓
Total Cholesterol : HDL Ratio	✓
Triglyceride	✓

Inflammation

High Sensitivity C-Reactive Protein (CRP)	✓
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Diabetes

HbA1c (Glycosylated Haemoglobin)	✓
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About the test:

This test includes a range of tests that have been shown to be very important indicators of risks to your heart's health, including a full cholesterol profile and tests for inflammation. It also includes a test for diabetes which shows you how well your body controls your blood sugar.

HEPB Hepatitis B Full Profile

Biomarkers:

Hepatitis B Core Antibodies	✓
Hepatitis B Immunity	✓
Hepatitis B Surface Antigen	✓

About the test:

A detailed profile which checks not only for a current hepatitis B infection but to differentiate between immunity due to a previous infection or a vaccination.

MHP Male Hormone Profile (including fertility)

Biomarkers:

Liver Function

Albumin	✓
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Hormones

DHEA-Sulphate	✓
Follicular Stimulating Hormone (FSH)	✓
Free Androgen Index	✓
Free Testosterone Calculation	✓
Luteinizing Hormone (LH)	✓
Oestradiol	✓
Prolactin	✓
Sex Hormone Binding Globulin (SHBG)	✓
Testosterone	✓

About the test:

This profile checks for the full range of male hormones which is very useful for giving information about male fertility and other hormone related issues. It also covers hormones relevant to sports and testosterone supplementation.

FMP Menopause Hormones Profile

Biomarkers:

Thyroid Function

Thyroid Stimulating Hormone (TSH)	✓
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Hormones

Follicular Stimulating Hormone (FSH)	✓
Luteinizing Hormone (LH)	✓
Oestradiol	✓

About the test:

Checks for the important hormones needed to give information about menopause. It can also help with hormone replacement therapy monitoring, period problems and other hormone related issues. It can identify the hormonal changes expected at the onset of menopause.

ML2P Premier Health Profile

Biomarkers:

Liver Function

Alanine transaminase (ALT)	✓
Alkaline Phosphatase (ALP)	✓
Aspartate aminotransferase (AST)	✓
Gamma GT (GGT)	✓
Globulin	✓
Total Bilirubin	✓
Total Protein	✓

Kidney Function

Creatinine	✓
Glomerular Filtration Rate	✓
Urea	✓

Cholesterol

HDL Percentage	✓
HDL (High-Density Lipoprotein)	✓
LDL (Low-Density Lipoprotein)	✓
Non-HDL Cholesterol	✓
Total Cholesterol	✓
Total Cholesterol : HDL Ratio	✓
Triglyceride	✓

Diabetes

HbA1c (Glycosylated Haemoglobin)	✓
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Iron

Iron	✓
Total Iron Binding Capacity	✓
Transferrin Saturation	✓
Unsaturated Iron Binding Capacity	✓

Muscle & Bone

Adjusted calcium	✓
Calcium	✓
Creatine Kinase	✓

Gout

Urate (Uric Acid)	✓
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Blood Cells

Full Blood Count (with 5 part White Cell Differential)	✓
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About the test:

Comprehensive check of your liver & kidney function, your muscle & bone health, gout, iron levels, diabetes (HbA1c), your full cholesterol profile and full blood count.

It provides an excellent baseline health check. It helps you to proactively manage your health and identify/monitor many underlying or pre-existing conditions throughout your body.

SH14 STI Screen - Bloods Only

Biomarkers:

Hepatitis B surface antigen	✓
Hepatitis C antibodies	✓
HIV 1 & 2 antibodies, p24 antigen	✓
Syphilis IgM/IgG	✓

About the test:

This blood test covers a wide range of common blood-borne infections and provides you with a fast and simple way to check up on your sexual health.

TF2 Full Thyroid Profile (including antibodies)

Biomarkers:

Antithyroglobulin Antibodies	✓
Free T3 (triiodothyronine)	✓
Free T4 (thyroxine)	✓
Thyroid Peroxidase Antibodies	✓
Thyroid Stimulating Hormone (TSH)	✓

About the test:

Thyroid disorders are common but often remain undiagnosed.

This test checks the function of your thyroid gland. It tests for the level of Thyroid Stimulating Hormone (TSH) and Free T4 (Thyroxine). It will give you a very good indication of whether your thyroid is functioning normally or not, which can lead to tiredness, mood problems and weight issues.

VP Vitamin Profile: D, B12 & Folate

Biomarkers:

Vitamin B12	✓
Vitamin D	✓
Folate (Vitamin B9)	✓

About the test:

Checks your vitamin D, vitamin B9 (Folate) and vitamin B12 levels. These vitamins are all essential for your health and wellbeing.

ABO Blood Group Test

Blood group testing is a method to tell what type of blood you have. Your blood type is based on which proteins are on your red blood cells and this is either type A, B, AB or O. A test is also done to see whether you have Rhesus (Rh) factor on the surface of your red blood cells which is either positive or negative.

ANAE Anaemia Profile

Biomarkers:

Iron Studies

Ferritin	✓
Iron	✓
Total Iron Binding Capacity	✓
Transferrin Saturation	✓
Unsaturated Iron Binding Capacity	✓

Vitamin

Vitamin B12	✓
Folate (Vitamin B9)	✓

Blood Cells

Full Blood Count (with 5 part White Cell Differential)	✓
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About the test:

Anaemia is a shortage of red blood cells and/or haemoglobin. It is a common cause of tiredness and can also lead to lack of energy, feeling faint, becoming easily breathless. This test will give information on several common causes of anaemia. It includes tests for iron levels including ferritin, a full blood count, vitamin B12 and folate (vitamin B9) levels.

TP Tiredness/Fatigue Profile

Biomarkers:

Iron Studies

Ferritin	✓
Iron	✓
Total Iron Binding Capacity	✓
Transferrin Saturation	✓
Unsaturated Iron Binding Capacity	✓

Vitamin

Vitamin D	✓
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Thyroid Function

Free T4 (thyroxine)	✓
Thyroid Stimulating Hormone (TSH)	✓

Blood Cells

Full Blood Count (with 5 part White Cell Differential)	✓
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About the test:

Designed to discover clues in your blood as to why you may be feeling unusually tired or fatigued. It will give you information on several common things that doctors look for in blood tests that may give physical reasons for tiredness. It includes a full blood count and tests for vitamin D, iron levels including ferritin; and thyroid function tests.

MLSB Sports Fitness Profile

Biomarkers:

Liver Function

Alanine transaminase	✓
Albumin	✓
Alkaline Phosphatase	✓
Aspartate aminotransferase	✓
Gamma GT	✓
Globulin	✓
Total Bilirubin	✓
Total Protein	✓

Kidney Function

Creatinine	✓
Glomerular Filtration Rate	✓
Urea	✓

Cholesterol

HDL Percentage	✓
HDL (High-Density Lipoprotein)	✓
LDL (Low-Density Lipoprotein)	✓
Non-HDL Cholesterol	✓
Total Cholesterol	✓
Total Cholesterol : HDL Ratio	✓
Triglyceride	✓

Inflammation

High Sensitivity C-Reactive Protein (CRP)	✓
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Iron Studies

Ferritin	✓
Iron	✓

Total Iron Binding Capacity	✓
Transferrin Saturation	✓
Unsaturated Iron Binding Capacity	✓

Muscle & Bone

Adjusted Calcium	✓
Calcium	✓
Creatinine Kinase	✓

Gout

Urate (Uric Acid)	✓
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Vitamins

Vitamin D	✓
Vitamin B12	✓

Hormones

Testosterone	✓
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Blood Cells

Full Blood Count (with 5 part White Cell Differential)	✓
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About the test:

This test is for anyone wanting information about their fitness for sports – either before starting a programme, or to monitor progress during one.

It includes all the essential biomarkers that are of interest to a sports person to ensure you are operating at peak condition and includes cholesterol, inflammation, vitamins and testosterone.

MLSH Full Sports Hormone Profile

Biomarkers:

Liver Function

Alanine transaminase	✓
Albumin	✓
Alkaline Phosphatase	✓
Aspartate aminotransferase	✓
Gamma GT	✓
Globulin	✓
Total Bilirubin	✓
Total Protein	✓

Thyroid Function

Free T4 (thyroxine)	✓
Thyroid Stimulating Hormone (TSH)	✓

Hormones

DHEA-Sulphate	✓
Follicular Stimulating Hormone (FSH)	✓

Free Androgen Index	✓
Free Testosterone Calculation	✓
Luteinizing Hormone (LH)	✓
Oestradiol	✓
Prolactin	✓
Sex Hormone Binding Globulin (SHBG)	✓
Testosterone	✓

About the test:

This profile is for anyone wanting information about their hormones and related systems that may be affected by their sporting activities or supplements.

ML6P Well Person Profile

Biomarkers:

Liver Function

Albumin	✓
Globulin	✓
Total Protein	✓
Alkaline Phosphatase (ALP)	✓
Alanine transaminase (ALT)	✓
Aspartate aminotransferase (AST)	✓
Gamma GT	✓
Total Bilirubin	✓

Cholesterol

HDL Percentage	✓
HDL (High-Density Lipoprotein)	✓
LDL (Low-Density Lipoprotein)	✓
Non-HDL Cholesterol	✓
Total Cholesterol	✓
Total Cholesterol : HDL Ratio	✓
Triglyceride	✓

Kidney Function

Creatinine	✓
Glomerular Filtration Rate	✓
Urea	✓

Diabetes

HbA1c (Glycosylated Haemoglobin)	✓
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Iron Studies

Ferritin	✓
Iron	✓
Total Iron Binding Capacity	✓
Transferrin Saturation	✓

Unsaturated Iron Binding Capacity	✓
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Muscle & Bone

Adjusted Calcium	✓
Calcium	✓
Creatine Kinase	✓

Gout

Urate (Uric Acid)	✓
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Thyroid Function

Free T4 thyroxine	✓
Thyroid Stimulating Hormone (TSH)	✓

Blood Cells

Full Blood Count (with 5 part White Cell Differential)	✓
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About the test:

This extensive profile is perfect for any man or woman wishing to have a full body check-up and screening for potential underlying diseases or conditions.

It provides key information on your kidney, liver, heart & thyroid health and blood sugar; plus iron & calcium levels. It can tell whether you are anaemic, have a current infection and even if you are suffering from any underlying inflammation.

It also includes a full blood count.

ML7P Well Man Comprehensive Profile

Biomarkers:

Liver Function

Alanine transaminase	✓
Albumin	✓
Alkaline Phosphatase	✓
Aspartate aminotransferase	✓
Gamma GT	✓
Globulin	✓
Total Bilirubin	✓
Total Protein	✓
Zinc	✓

Kidney Function

Creatinine	✓
Glomerular Filtration Rate	✓
Urea	✓

Cholesterol

HDL Percentage	✓
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HDL (High-Density Lipoprotein)	✓
LDL (Low-Density Lipoprotein)	✓
Non-HDL Cholesterol	✓
Total Cholesterol	✓
Total Cholesterol : HDL Ratio	✓
Triglyceride	✓

Inflammation

High Sensitivity C-Reactive Protein (CRP)	✓
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Diabetes

HbA1c (Glycosylated Haemoglobin)	✓
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Iron Studies

Ferritin	✓
Iron	✓
Total Iron Binding Capacity	✓
Transferrin Saturation	✓
Unsaturated Iron Binding Capacity	✓

Muscle & Bone

Adjusted Calcium	✓
Calcium	✓
Creatine Kinase	✓

Gout

Urate (Uric Acid)	✓
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Minerals

Magnesium	✓
Zinc	✓

Vitamins

Folate (Vitamin B9)	✓
Vitamin B12	✓
Vitamin D	✓

Thyroid Function

Free T4 (thyroxine)	✓
Thyroid Stimulating Hormone (TSH)	✓

Hormones

Testosterone	✓
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Blood Cells

Full Blood Count (with 5 part White Cell Differential)	✓
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About the test:

This comprehensive profile is perfect for any man wishing to have a full body check-up and screening for potential underlying diseases or conditions.

It provides key information on your kidney, liver, heart & thyroid health and blood sugar; plus iron, calcium & testosterone hormone levels. It can tell whether you are anaemic, have a current infection and even if

you are suffering from any underlying inflammation. It also includes a full blood count and vitamin profile.

ML8P Well Woman Comprehensive Profile

Biomarkers:

Liver Function

Alanine transaminase	✓
Albumin	✓
Alkaline Phosphatase	✓
Aspartate aminotransferase	✓
Gamma GT	✓
Globulin	✓
Total Bilirubin	✓
Total Protein	✓
Zinc	✓

Kidney Function

Creatinine	✓
Glomerular Filtration Rate	✓
Urea	✓

Cholesterol

HDL Percentage	✓
HDL (High-Density Lipoprotein)	✓
LDL (Low-Density Lipoprotein)	✓
Non-HDL Cholesterol	✓
Total Cholesterol	✓
Total Cholesterol : HDL Ratio	✓
Triglyceride	✓

Inflammation

High Sensitivity C-Reactive Protein (CRP)	✓
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Diabetes

HbA1c (Glycosylated Haemoglobin)	✓
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Iron Studies

Ferritin	✓
Iron	✓
Total Iron Binding Capacity	✓
Transferrin Saturation	✓
Unsaturated Iron Capacity	✓

Muscle & Bone

Adjusted Calcium	✓
Calcium	✓
Creatine Kinase	✓

Gout	
Urate (Uric Acid)	✓
Minerals	
Magnesium	✓
Zinc	✓

Vitamins	
Folate (Vitamin B9)	✓
Vitamin B12	✓
Vitamin D	✓

Thyroid Function	
Free T4 (thyroxine)	✓
Thyroid Stimulating Hormone (TSH)	✓

Hormones	
Follicular Stimulating Hormone (FSH)	✓
Luteinizing Hormone (LH)	✓
Oestradiol	✓

Blood Cells	
Full Blood Count (with 5 part White Cell Differential)	✓

About the test:

This comprehensive profile is perfect for any woman wishing to have a full body check and screening for potential underlying diseases or conditions.

It provides key information on your kidney, liver, heart & thyroid health and blood sugar, plus iron, calcium & vital female hormone levels related to fertility. It can tell whether you are anaemic, have a current infection and even if you are suffering from any underlying inflammation. It also includes a full blood count and vitamin profile.

FUSC Male Sexual Health Advanced Screen

Biomarkers:

Chlamydia PCR	✓
Gonorrhoea PCR	✓
Hepatitis B Surface Antigen	✓
Hepatitis C Antibodies	✓
HIV 1 & 2 Antibodies, p24 Antigen	✓
Syphilis IgM/IgG	✓

About the test:

This blood and urine test covers a wide range of common infections and provides you with a fast and simple way to check up on your sexual health.

FSWS Female Sexual Health Advanced Screen

Biomarkers:

Chlamydia PCR	✓
Gonorrhoea PCR	✓
Hepatitis B Surface Antigen	✓
Hepatitis C Antibodies	✓
HIV 1 & 2 Antibodies, p24 Antigen	✓
Syphilis IgM/IgG	✓

About the test:

This blood and vaginal swab test covers a wide range of common infections and provides you with a fast and simple way to check up on your sexual health. Please note that this test requires a dry swab.

ALEX2 Allergy Complete 295 allergens tested

Biomarkers:

IgE level per allergen	✓
Group IgE allergen levels	✓
Cross-reactive allergen families	✓
Total IgE levels (kU/L)	✓

Individual Allergens Included:

Pollen	
Grass Pollen	✓
Tree Pollen	✓
Weed Pollen	✓

Mites	
House Dust Mites & Storage Mites	✓

Plant-based Food	
Fruits	✓
Grain	✓
Legumes	✓
Nuts & Seeds	✓
Spices	✓
Vegetables	✓

Insects & Venoms	
Ant, Bee, Wasp	✓
Cockroach	✓

Microorganisms	
Fungal Spores & Yeast	✓

Animal-Derived Food	
Egg	✓
Fish & Seafood	✓
Meat	✓
Milk	✓
Epithelial Tissues of Animals	
Farm Animals	✓
Pets (dog, cat, rabbit, etc.)	✓
Others	
CCD	
Ficus & Hops	✓
Latex	✓
Parasite	✓

About the test:

This test can check for close to 300 relevant allergen sources (except drug allergens, such as penicillin). We have the most comprehensive panel in the UK which also tests for molecular allergens, which allows for a comprehensive understanding of allergic cross-reactions and a risk assessment of food allergies (to allow for tailor-made dietary recommendations). Likewise, allergen-specific immunotherapy can be directed against the main triggers of symptoms (available for pollen, house dust mites and insect venoms). This test looks for elevated levels of IgE which causes Type I allergies.

COVIGGQ Covid-19 Immunity IgG Quantitative Antibody

Whether you have been recently vaccinated or caught Covid-19 naturally, this IgG test will confirm whether your immune system has developed neutralising IgG antibodies and gives you a quantitative measure of your body's response (between levels of 0 - 80,000 AU/ml). It will help you to know how your immune system has responded to vaccination or an infection to confirm whether the illness you had was Covid-19 or something else. IgG levels often reduce quite quickly in the months after an infection and this test will enable you to monitor your IgG levels over time to see if your levels are dropping to below the levels that are thought to give immunity.

Marketing & Merchandising Materials



Window Decal



A6 Blood Test Cards



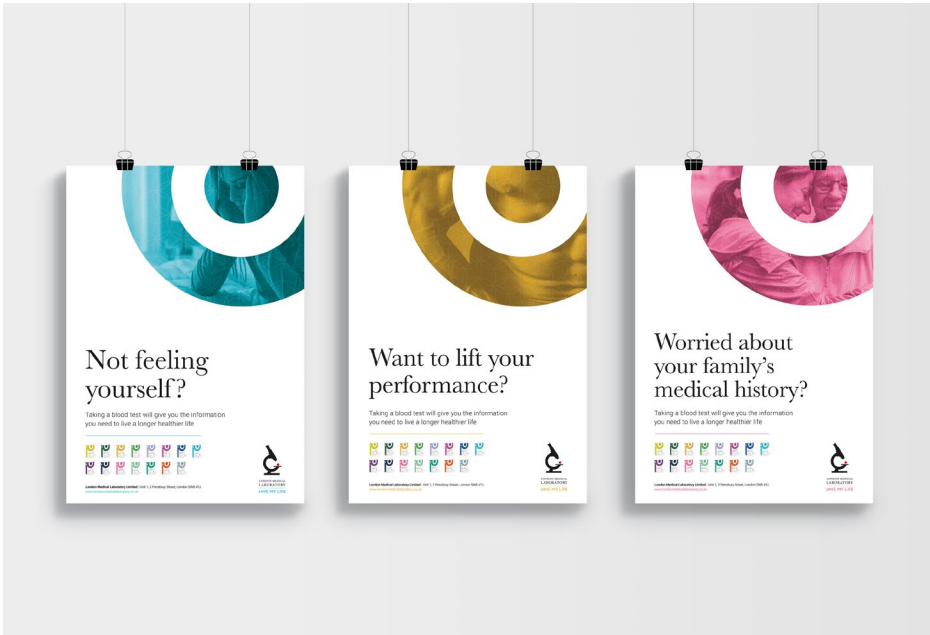
Blood Test Brochure & leaflet display



Certificate of Phlebotomy Training



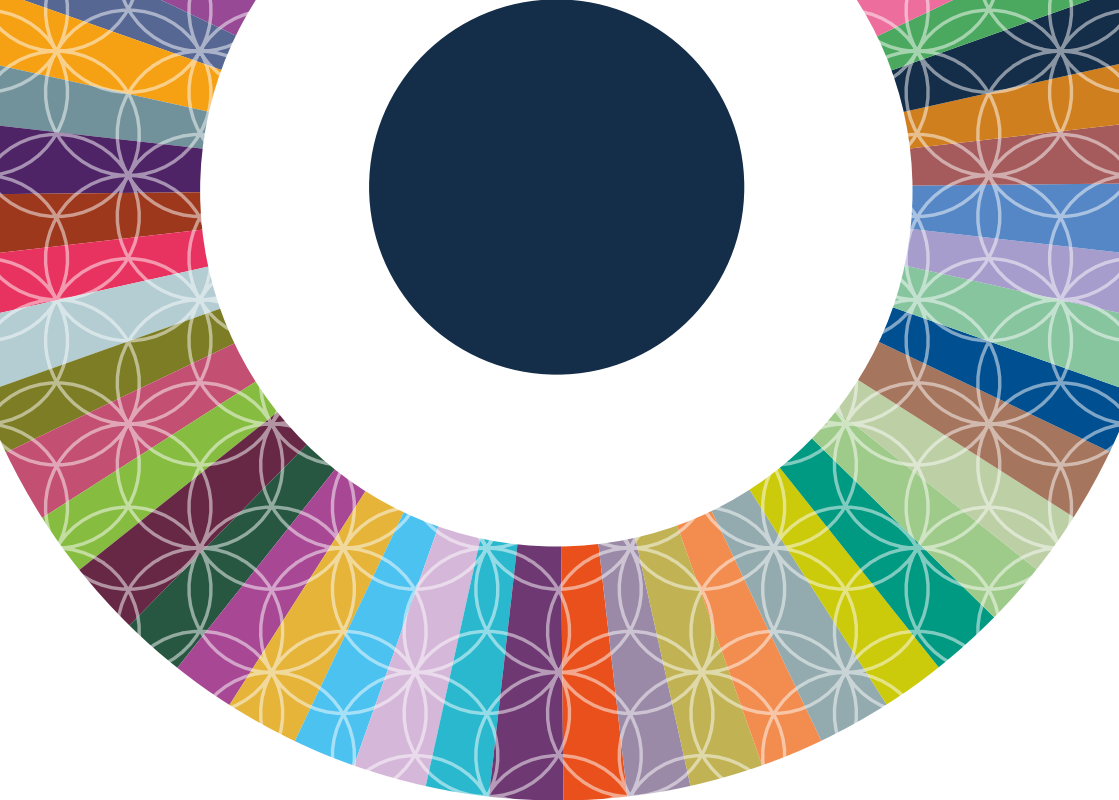
Medium sized display stand



A2 & A3 Posters

Tests available as a finger-prick home testing kit





If you need any further information please contact the team at London Medical Laboratory:

Web: londonmedicallaboratory.com/client-hub

Email: info@londonmedicallaboratory.co.uk

Tel: 020 7183 3718



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