

**BEING WELL**

P H A R M A C Y

**Blood Testing  
List**

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Here at Being Well Pharmacy we offer a comprehensive range of blood tests. Whether you want to check for your own health concerns, to help guide your training or nutrition, your peace of mind or simply because you just want to know, there is a test available for you. We believe in patients being a main voice in their treatment and their health so it is your choice which test you choose to have, but of course we're happy to guide you as part of your wellness journey if you come to us with your concerns. The panels that have been put together here are great for giving real insights into your health but you can opt for an individual test or individually selected tests if you wish to do so. There's free parking outside, we take the blood here on site with no extra fees to pay other than what's listed. It's a calm, quiet space designed to make the process as easy as possible. Your results will usually be back within 2-3 days and one of us in the pharmacy, often the same person who took the sample, will chat through your results with you and see if you have any questions and explain your results to you. You then get sent a nice, easy to read report of your results which you can then pass on to your doctor if you want to. Give us a call if there's anything you want to ask before booking.



## TEST MENU

An overview of our screens and panels alongside a portfolio of 100's of individual tests.

### Health Screens

Acute Med 1	Acute Med 2	Advanced GP 2
Advanced GP 3	Basic Screen	Lifestyle Screen
Lipids & HbA1c	Long Covid	Male/Female Fertility Panel
Sports Performance	Standard Screen	Standard Screen Plus
Tired All The Time	-	-

### Specialised Panels

Anaemia Profile	Basic Kidney Health	Bone Health
Diabetes Status	Digestive Health	Endocrinology
Extended Kidney Health	Full Blood Count	Heart Health
Hormonal Health	HPV DNA Screen	Iron Status
Lipid Profile	Liver Health	Metabolic Syndrome
Metabolic Syndrome Extended	Muscle & Joint Health	Muscle & Rheumatology
Nutritional & Digestive Health	Pancreatic Health	Stress
Testosterone Monitoring	Thyroid	Urinalysis
Vitamins & Minerals	-	-

### Sexual Health

STI 10 Plex	STI CT/NG	STI Blood Screen
STI Complete	STI Comprehensive	STI Routine Screen with Hep B
STI Routine Screen with Syphilis	-	-

### Microbiology

Candida Culture	Culture & Sensitivities	Gastrointestinal Panel
Urine Microscopy & Culture		

### Genetic Tests

Genetic Bowel Cancer Risk	Genetic Breast and Ovarian Cancer Risk	Genetic Coeliac Disease
Genetic Familial Hypercholesterolaemia Risk	Genetic Full Cancer Risk	Genetic Full Cardiac Risk
Genetic Haemochromatosis	Genetic Lactose Intolerance	Genetic Prostate Cancer Risk



# HEALTH SCREENS

Comprehensive health screens specifically designed to cover key areas of patient health.

## Acute Med 1

Essential clinical chemistry biomarkers to quickly identify illness in patients.

Sample Requirements:     

CODE: HSC3

<p><b>Full Blood Count</b></p> <ul style="list-style-type: none"> <li>Haemoglobin</li> <li>Hematocrit</li> <li>Mean Cell Haemoglobin</li> <li>Mean Cell Haemoglobin Concentration (MCHC)</li> <li>Mean Cell Volume</li> <li>Red Blood Cell Count</li> <li>Basophil Count</li> <li>Lymphocyte Count</li> <li>Eosinophil Count</li> <li>Monocyte Count</li> <li>Neutrophil Count</li> <li>White Blood Cell Count</li> <li>Platelet Count</li> </ul>	<p><b>Heart Health</b></p> <ul style="list-style-type: none"> <li>Total Cholesterol</li> <li>LDL Cholesterol</li> <li>HDL Cholesterol</li> <li>Total Cholesterol/HDL Cholesterol Ratio</li> <li>Triglycerides</li> </ul>	<p><b>Liver Health</b></p> <ul style="list-style-type: none"> <li>Alkaline Phosphatase</li> <li>Alanine Aminotransferase</li> <li>Aspartate Transferase</li> <li>Gamma-glutamyl Transferase</li> <li>Total Bilirubin</li> <li>Albumin</li> </ul>	<p><b>Kidney Health</b></p> <ul style="list-style-type: none"> <li>Creatinine</li> <li>eGFR</li> <li>Chloride</li> <li>Calcium (Adjusted)</li> <li>Potassium*</li> <li>Phosphate</li> <li>Sodium</li> <li>Urea</li> </ul>
	<p><b>Bone Health</b></p> <ul style="list-style-type: none"> <li>Alkaline Phosphatase</li> <li>Calcium (Adjusted)</li> <li>Phosphate</li> </ul>	<p><b>Diabetes Health</b></p> <ul style="list-style-type: none"> <li>Glucose</li> <li>HbA1c</li> </ul>	

\*Only Stable For 7 Hours at 2 - 8 °C.

## Acute Med 2

An extended selection of clinical chemistry biomarkers to quickly identify general illness in patients.

Sample Requirements:     

CODE: HSC4

**Includes Panels Covered in Acute Med 1:**

- Full Blood Count
- Heart Health
- Liver Health
- Bone Health
- Kidney Health
- Diabetes Health

<p><b>Urinalysis</b></p> <ul style="list-style-type: none"> <li>Bilirubin</li> <li>Glucose</li> <li>Ketones</li> <li>Nitrite</li> <li>pH</li> <li>Protein</li> <li>Red Blood Cells</li> <li>Urobilinogen</li> <li>White Blood Cells</li> </ul>	<p><b>Muscle &amp; Joint Health</b></p> <ul style="list-style-type: none"> <li>Creatine Kinase</li> <li>Uric Acid</li> </ul> <p><b>Infection &amp; Inflammation</b></p> <ul style="list-style-type: none"> <li>C-Reactive Protein</li> </ul>	<p><b>Iron Status</b></p> <ul style="list-style-type: none"> <li>Ferritin</li> <li>Iron</li> <li>Total Iron Binding Capacity</li> <li>Transferrin</li> <li>Transferrin Saturation</li> </ul>
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Only Stable For 7 Hours at 2 - 8 °C.



# Advanced GP2









A detailed dive into patient health and wellbeing including extended cardiovascular health.

Sample Requirements:      

CODE: HSC8F/M

**Includes Panels Covered in Standard Screen Plus:**

- Full Blood Count
- Heart Health
- Liver Health
- Kidney Health
- Diabetes Health
- Urinalysis
- Bone Health
- Thyroid Health
- Tumour Markers

 <p><b>Heart Health</b></p> <ul style="list-style-type: none"> <li>Apolipoprotein A-I</li> <li>Apolipoprotein B</li> <li>Apolipoprotein B / A-I Ratio</li> <li>Apolipoprotein CII</li> <li>Apolipoprotein CIII</li> <li>Apolipoprotein E</li> <li>Cardiovascular Risk Score</li> <li>High Sensitivity C-Reactive Protein</li> <li>Lipoprotein (a)</li> <li>Small LDL Cholesterol</li> </ul>	 <p><b>Diabetes Health</b></p> <ul style="list-style-type: none"> <li>Glucose</li> <li>HbA1c</li> <li>Insulin</li> <li>C-Peptide</li> </ul>	 <p><b>Iron Status</b></p> <ul style="list-style-type: none"> <li>Ferritin</li> <li>Iron</li> <li>TIBC</li> <li>Transferrin</li> <li>Transferrin Saturation</li> </ul>
 <p><b>Nutritional Health</b></p> <ul style="list-style-type: none"> <li>Calcium (Adjusted)</li> <li>Albumin</li> <li>Iron</li> <li>Vitamin D</li> <li>Magnesium</li> </ul>	 <p><b>Kidney Health</b></p> <ul style="list-style-type: none"> <li>Cystatin C</li> <li>Magnesium</li> <li>Uric Acid</li> </ul>	 <p><b>Metabolic Syndrome</b></p> <ul style="list-style-type: none"> <li>Leptin</li> <li>Adiponectin</li> <li>Resistin</li> </ul>
	 <p><b>Muscle &amp; Joint Health</b></p> <ul style="list-style-type: none"> <li>Uric Acid</li> </ul>	 <p><b>Infection &amp; Inflammation</b></p> <ul style="list-style-type: none"> <li>C-Reactive Protein</li> </ul>

\*Only Stable For 7 Hours at 2 - 8 °C.

# Advanced GP3

Randox's largest and most exclusive screen covering over 150 data points across key health areas.

Sample Requirements:      

CODE: HSC9M/F

**Includes Panels Covered in Advanced GP2:**

- Full Blood Count
- Heart Health
- Liver Health
- Kidney Health
- Diabetes Health
- Urinalysis
- Bone Health
- Thyroid Health
- Tumour Markers
- Nutritional Health
- Infection & Inflammation
- Iron Status
- Metabolic Syndrome

 <p><b>Muscle &amp; Joint Health</b> Creatine Kinase Uric Acid Rheumatoid Factor</p>	 <p><b>Infection &amp; Inflammation</b> C-Reactive Protein Albumin Complement Component 3 Complement Component 4 Ferritin Immunoglobulin A Immunoglobulin G Immunoglobulin M Anti-streptolysin O</p>	 <p><b>Male Hormonal Health</b> Testosterone Sex Hormone Binding Globulin Free Androgen Index</p>
 <p><b>Female Hormonal Health</b> Oestradiol Follicle Stimulating Hormone Luteinising Hormone Progesterone Prolactin Testosterone Sex Hormone Binding Globulin Free Androgen Index</p>	 <p><b>Pancreatic Health</b> Pancreatic Amylase Lipase</p>	 <p><b>Nutritional Health</b> Folic Acid Vitamin B12 Total Antioxidant Status</p>
 <p><b>Bone Health</b> Parathyroid Hormone</p>	 <p><b>Allergy Evaluation</b> Immunoglobulin E</p>	 <p><b>Digestive Health</b> <i>H. Pylori</i> Anti-Tissue Transglutaminase Antibodies</p>

\*Only Stable For 7 Hours at 2 - 8 °C.

## Basic Screen

Find the baseline health of your patients.

Sample Requirements:

CODE: HSC5

Full Blood Count	Kidney Health	Heart Health	Liver Health
<ul style="list-style-type: none"> <li>Haemoglobin</li> <li>Haematocrit</li> <li>Mean Cell Haemoglobin</li> <li>Mean Cell Haemoglobin Concentration (MCHC)</li> <li>Mean Cell Volume</li> <li>Red Blood Cell Count</li> <li>Basophil Count</li> <li>Lymphocyte Count</li> <li>Eosinophil Count</li> <li>Monocyte Count</li> <li>Neutrophil Count</li> <li>White Blood Cell Count</li> <li>Platelet Count</li> </ul>	<ul style="list-style-type: none"> <li>Creatinine</li> <li>eGFR</li> <li>Chloride</li> <li>Potassium*</li> <li>Phosphate</li> <li>Sodium</li> <li>Urea</li> </ul>	<ul style="list-style-type: none"> <li>Total Cholesterol</li> <li>LDL Cholesterol</li> <li>HDL Cholesterol</li> <li>Total Cholesterol/HDL Cholesterol Ratio</li> <li>Triglycerides</li> <li>High Sensitivity C-Reactive Protein</li> </ul>	<ul style="list-style-type: none"> <li>Alkaline Phosphatase</li> <li>Alanine Aminotransferase</li> <li>Aspartate Transferase</li> <li>Gamma-glutamyl Transferase</li> <li>Total Bilirubin</li> <li>Albumin</li> </ul>
			<ul style="list-style-type: none"> <li><b>Diabetes Health</b></li> <li>Glucose</li> </ul>

\*Only Stable For 7 Hours at 2 - 8 °C.

## Lifestyle Screen

Essential clinical chemistry tests combined with nutritional markers to establish the general wellbeing of a patient.

Sample Requirements:     

CODE: HSC13

### Includes Panels Covered in Acute Med 1:

Full Blood Count  
Heart Health  
Liver Health  
Bone Health  
Kidney Health  
Diabetes Health



#### Iron Status

Ferritin  
Iron  
Total Iron Binding Capacity  
Transferrin  
Transferrin Saturation

#### Nutritional Health

Folic Acid  
Vitamin B12  
Vitamin D

Only Stable For 7 Hours at 2 - 8 °C.

## Lipids HbA1c

Quickly screen for basic diabetic and cardiovascular risk in patients.

Sample Requirements:    

CODE: HSC2

#### Full Blood Count

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

#### Heart Health

Total Cholesterol  
LDL Cholesterol  
HDL Cholesterol  
Total Cholesterol/  
HDL Cholesterol Ratio  
Triglycerides  
High Sensitivity  
C-Reactive Protein

#### Diabetes Health

HbA1c

# Long Covid

Use Randox's cutting edge panel to establish likelihood of having long-covid.

Sample Requirements:      

**CODE: HSC11**

 <p><b>Liver Health</b>                  Alkaline Phosphatase                  Alanine Aminotransferase                  Aspartate Transferase                  Gamma-glutamyl Transferase                  Total Bilirubin                  Albumin</p>	 <p><b>Blood Count</b>                  Lymphocyte Count                  Eosinophil Count                  Neutrophil Count                  White Blood Cell Count                  Platelet Count</p>	 <p><b>Heart Health</b>                  Total Cholesterol                  LDL Cholesterol                  HDL Cholesterol                  Total Cholesterol/HDL                  Cholesterol Ratio                  Triglycerides</p>	 <p><b>Muscle &amp; Joint Health</b>                  Creatine Kinase                  CK-MB                  Myoglobin                  Troponin-T</p>
 <p><b>Iron Status</b>                  Ferritin                  Iron                  Total Iron Binding Capacity                  Transferrin                  Transferrin Saturation</p>	 <p><b>Thyroid Health</b>                  Thyroid Stimulating                  Hormone</p>	 <p><b>Infection &amp; Inflammation</b>                  C-Reactive Protein                  D-Dimer **</p>	 <p><b>Kidney Health</b>                  Creatinine                  eGFR                  Cystatin C</p>
 <p><b>Pancreatic Health</b>                  Lipase</p>	 <p><b>Nutritional Health</b>                  Vitamin D</p>	 <p><b>Diabetes Health</b>                  Glucose</p>	

\*\*Only Stable For 4 Hour at 2 - 8 °C.

# Male/Female Fertility Panel

Rule out common differential diagnoses associated with difficulty conceiving.

Sample Requirements:     

CODE: HSC14

<p><b>Thyroid Health</b></p> <p>Thyroid Stimulating Hormone Free Thyroxine Free Tri-iodothyronine Anti-Thyroglobulin Antibody Anti-Thyroid Peroxidase Antibody</p>	<p><b>Full Blood Count</b></p> <p>Haemoglobin Haematocrit Mean Cell Haemoglobin Mean Cell Haemoglobin Concentration (MCHC) Mean Cell Volume Red Blood Cell Count Basophil Count Eosinophil Count Lymphocyte Count Monocyte Count Neutrophil Count White Blood Cell Count Platelet Count</p>	<p><b>Liver Health</b></p> <p>Alanine Aminotransferase Alkaline Phosphatase Aspartate Aminotransferase Gamma- glutamyltransferase Total Bilirubin Albumin Ferritin</p>	<p><b>Heart Health</b></p> <p>Total Cholesterol LDL Cholesterol HDL Cholesterol Total Cholesterol / HDL Cholesterol Ratio Triglycerides</p>
<p><b>Hormonal Health</b></p> <p>Oestradiol Follicle Stimulating Hormone Luteinising Hormone Progesterone Prolactin Testosterone Sex Hormone Binding Globulin Free Androgen Index</p>	<p><b>Iron Status</b></p> <p>Iron Ferritin Total Iron Binding Capacity Transferrin Transferrin Saturation</p>	<p><b>Diabetes Health</b></p> <p>Glucose HbA1c Insulin</p>	<p><b>Kidney Health</b></p> <p>Chloride Phosphate Potassium* Sodium Urea</p>
<p><b>Nutritional Health</b></p> <p>Vitamin D</p>		<p><b>Stress</b></p> <p>Cortisol DHEA-S</p>	<p><b>Infection &amp; Inflammation</b></p> <p>C-Reactive Protein</p>

\*Only stable for 7 hours at 2 - 8 °C.

### Additional Tests:

Test	Product Code
Male/Female Fertility Panel + AMH	HSC14AMH
Male/Female Fertility Panel + Standard Urine or Swab based CT/NG	HSC14CTNG

# Sports Performance

A profile to optimise athletic performance through specific monitoring of nutrition, hormone and stress levels, providing insight to prevent injury and overtraining.

Sample Requirements:      

CODE: HSC12

 <p><b>Full Blood Count</b></p> <ul style="list-style-type: none"> <li>Haemoglobin</li> <li>Haematocrit</li> <li>Mean Cell Haemoglobin</li> <li>Mean Cell Haemoglobin Concentration (MCHC)</li> <li>Mean Cell Volume</li> <li>Red Blood Cell Count</li> <li>Basophil Count</li> <li>Eosinophil Count</li> <li>Lymphocyte Count</li> <li>Monocyte Count</li> <li>Neutrophil Count</li> <li>White Blood Cell Count</li> <li>Platelet Count</li> </ul>	 <p><b>Heart Health</b></p> <ul style="list-style-type: none"> <li>Total Cholesterol</li> <li>LDL Cholesterol</li> <li>HDL Cholesterol</li> <li>Total Cholesterol / HDL Cholesterol Ratio</li> <li>Triglycerides</li> <li>Apolipoprotein A-I</li> <li>Apolipoprotein B</li> <li>Apolipoprotein B / A-I Ratio</li> <li>High Sensitivity C-Reactive Protein</li> <li>Cardiovascular Risk Score</li> </ul>	 <p><b>Urinalysis</b></p> <ul style="list-style-type: none"> <li>Bilirubin</li> <li>Glucose</li> <li>Ketones</li> <li>Nitrite</li> <li>pH</li> <li>Protein</li> <li>Red Blood Cells</li> <li>Urobilinogen</li> <li>White Blood Cells</li> </ul>	 <p><b>Kidney Health</b></p> <ul style="list-style-type: none"> <li>Creatinine</li> <li>eGFR</li> <li>Calcium (Adjusted)</li> <li>Chloride</li> <li>Magnesium</li> <li>Phosphate</li> <li>Potassium*</li> <li>Sodium</li> <li>Urea</li> <li>Uric Acid</li> </ul>
 <p><b>Nutritional Health</b></p> <ul style="list-style-type: none"> <li>Total Antioxidant Status</li> <li>Folic acid</li> <li>Vitamin B12</li> <li>Vitamin D</li> </ul>	 <p><b>Liver Health</b></p> <ul style="list-style-type: none"> <li>Alanine Aminotransferase</li> <li>Alkaline Phosphatase</li> <li>Aspartate Transferase</li> <li>Gamma-glutamyl Transferase</li> <li>Total Bilirubin</li> <li>Albumin</li> <li>Ferritin</li> </ul>	 <p><b>Iron Status</b></p> <ul style="list-style-type: none"> <li>Iron</li> <li>Ferritin</li> <li>Total Iron Binding Capacity</li> <li>Transferrin</li> <li>Transferrin Saturation</li> </ul>	 <p><b>Muscle &amp; Joint Health</b></p> <ul style="list-style-type: none"> <li>Creatine Kinase</li> <li>CK-MB</li> <li>Myoglobin</li> </ul>
 <p><b>Thyroid Health</b></p> <ul style="list-style-type: none"> <li>Thyroid Stimulating Hormone</li> <li>Free Tri-iodothyronine FT3</li> <li>Free Thyroxine FT4</li> </ul>	 <p><b>Male Hormonal Health</b></p> <ul style="list-style-type: none"> <li>Testosterone</li> <li>Sex Hormone Binding Globulin</li> <li>Free Androgen Index</li> </ul>	 <p><b>Female Hormonal Health</b></p> <ul style="list-style-type: none"> <li>Luteinising Hormone</li> <li>Testosterone</li> <li>Sex Hormone Binding Globulin</li> <li>Free Androgen Index</li> </ul>	 <p><b>Bone Health</b></p> <ul style="list-style-type: none"> <li>Alkaline Phosphatase</li> <li>Calcium (Adjusted)</li> <li>Phosphate</li> <li>Vitamin D</li> </ul>
 <p><b>Stress Health</b></p> <ul style="list-style-type: none"> <li>Cortisol</li> <li>DHEA-S</li> </ul>	 <p><b>Diabetes Health</b></p> <ul style="list-style-type: none"> <li>Glucose</li> <li>HbA1c</li> </ul>	 <p><b>Infection &amp; Inflammation</b></p> <ul style="list-style-type: none"> <li>C-Reactive Protein</li> </ul>	

\*Only stable for 7 hours at 2 - 8 °C.

## Standard Screen

Establish the general health of your patients with a broad screen including vitamin D and ferritin.

Sample Requirements:      

CODE: HSC6

**Includes Panels Covered in Basic Screen:**

- Full Blood Count
- Heart Health
- Liver Health
- Kidney Health
- Diabetes Health

+

**Urinalysis**

- Bilirubin
- Glucose
- Ketones
- Nitrite
- PH
- Protein
- Red Blood Cells
- Urobilinogen
- White Blood Cells

**Bone Health**

- Alkaline Phosphatase
- Calcium (Adjusted)
- Phosphate
- Vitamin D

**Diabetes Health**

- Glucose
- HbA1c

**Iron Status**

- Ferritin

Only Stable For 7 Hours at 2 - 8 °C.

## Standard Screen Plus

Establish the general health of your patients with an extended screen including vitamin D and thyroid function.

Sample Requirements:      

CODE: HSC7F/M

**Includes Panels Covered in Standard Screen:**

- Full Blood Count
- Heart Health
- Liver Health
- Kidney Health
- Diabetes Health
- Urinalysis
- Bone Health
- Iron Status

+

**Thyroid Health**

- Thyroid Stimulating Hormone
- Free Tri-iodothyronine
- Free Thyroxine
- Anti-Thyroglobulin Antibody
- Anti-Thyroid Peroxidase Antibody

**Tumour Markers**

- Total Prostate Specific Antigen (m)
- CA-125 (f)

Only Stable For 7 Hours at 2 - 8 °C.

### Additional Tests:

Test	Product Code
Standard Screen Plus + Folic Acid and Vitamin B12	WIN1F/M




# Tired All The Time

Address common causes of fatigue in your patients including nutritional deficiencies and thyroid function.


Sample Requirements:     

CODE: HSC10




**Full Blood Count**

- Haemoglobin
- Hematocrit
- Mean Cell Haemoglobin
- Mean Cell Haemoglobin Concentration (MCHC)
- Mean Cell Volume
- Red Blood Cell Count
- Basophil Count
- Lymphocyte Count
- Eosinophil Count
- Monocyte Count
- Neutrophil Count
- White Blood Cell Count
- Platelet Count




**Kidney Health**

- Creatinine
- eGFR
- Chloride
- Potassium\*
- Phosphate
- Sodium
- Urea
- Cystatin C
- Magnesium



**Nutritional Health**

- Calcium (Adjusted)
- Albumin
- Iron
- Folic Acid
- Vitamin B12
- Vitamin D




**Thyroid Health**

- Thyroid Stimulating Hormone
- Free Tri-iodothyronine
- Free Thyroxine
- Anti-Thyroglobulin Antibody
- Anti-Thyroid Peroxidase Antibody




**Bone Health**

- Alkaline Phosphate



**Iron Status**

- Ferritin
- Iron
- Total Iron Binding Capacity
- Transferrin
- Transferrin Saturation



**Diabetes Health**

- Glucose
- HbA1c
- Insulin
- C-Peptide



**Infection & Inflammation**

- C-Reactive Protein

\*Only Stable For 7 Hours at 2 - 8 °C.



# SPECIALISED PANELS

Packaged health panels to precisely target specific health and disease areas.



## Anaemia Profile

Sample Requirements:



CODE: RP21

<p><b>Full Blood Count</b></p> <ul style="list-style-type: none"> <li>Haemoglobin</li> <li>Haematocrit</li> <li>Mean Cell Haemoglobin</li> <li>Mean Cell Haemoglobin Concentration (MCHC)</li> <li>Mean Cell Volume</li> <li>Red Blood Cell Count</li> <li>Basophil Count</li> <li>Eosinophil Count</li> <li>Lymphocyte Count</li> <li>Monocyte Count</li> <li>Neutrophil Count</li> <li>White Blood Cell Count</li> <li>Platelet Count</li> </ul>	<p><b>Iron Status</b></p> <ul style="list-style-type: none"> <li>Iron</li> <li>Ferritin</li> <li>Total Iron Binding Capacity</li> <li>Transferrin</li> <li>Transferrin Saturation</li> </ul> <p><b>Infection &amp; Inflammation</b></p> <ul style="list-style-type: none"> <li>High Sensitivity C-Reactive Protein</li> </ul>	<p><b>Nutritional Health</b></p> <ul style="list-style-type: none"> <li>Folic Acid</li> <li>Vitamin B12</li> </ul>
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## Basic Kidney Health

Sample Requirements:



CODE: RP20

**Basic Kidney Health**

- Creatinine
- Estimated Glomerular Filtration Rate
- Calcium (Adjusted)
- Chloride
- Magnesium
- Phosphate
- Potassium\*
- Sodium
- Urea

\*Only Stable For 7 Hours at 2 - 8 °C.

## Bone Health

Sample Requirements:



CODE: RP18

**Bone Health**

- Alkaline Phosphatase
- Calcium (Adjusted)
- Phosphate
- Vitamin D
- Parathyroid Hormone

## Diabetes Status

Sample Requirements:



CODE: RP6

**Diabetes Health**

- Glucose
- HbA1c
- Insulin
- C-peptide

## Digestive Health

Sample Requirements:



CODE: RP16

**Digestive Health**

- H. Pylori*
- Anti-Tissue Transglutaminase Antibodies

## Endocrinology

Sample Requirements:



CODE: RP22

### Thyroid Health

Thyroid Stimulating Hormone  
Free Thyroxine  
Free Tri-iodothyronine  
Anti-Thyroglobulin Antibody  
Anti-Thyroid Peroxidase  
Antibody

### Hormonal Health

Oestradiol  
Follicle Stimulating Hormone  
Luteinising Hormone  
Progesterone  
Prolactin  
Testosterone  
Sex Hormone Binding  
Globulin  
Free Androgen Index

## Extended Kidney Health

Sample Requirements:



CODE: RP12

### Extended Kidney Health

Creatinine  
Estimated Glomerular Filtration Rate  
Cystatin C  
Calcium (Adjusted)  
Chloride  
Magnesium  
Phosphate  
Potassium\*  
Sodium  
Urea  
Uric Acid

\*Only Stable For 7 Hours at 2 - 8 °C.

## Full Blood Count

Sample Requirements:



CODE: HSC1

### Full Blood Count

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

## Heart Health

Sample Requirements:



CODE: RP10

### Heart Health

Total Cholesterol  
LDL Cholesterol  
HDL Cholesterol  
Total Cholesterol / HDL Cholesterol Ratio  
Triglycerides  
Apolipoprotein A-I  
Apolipoprotein B  
Apolipoprotein B / A-I Ratio  
Apolipoprotein CII  
Apolipoprotein CIII  
Apolipoprotein E  
Small LDL Cholesterol  
Lipoprotein (a)  
High Sensitivity C-Reactive Protein

## Hormonal Health

Sample Requirements:



CODE: RP7

Oestradiol  
Follicle Stimulating Hormone  
Luteinising Hormone  
Progesterone  
Prolactin  
Testosterone  
Sex Hormone Binding Globulin  
Free Androgen Index

## HPV DNA Screen

Sample Requirements:



CODE: HPV

### HPV DNA Screen

High Risk including;  
16,18,45,31,33,35,39,51,52,56,58,59,66,88.

## Iron Status

Sample Requirements:



CODE: RP9

### Iron Status

Iron  
 Ferritin  
 Total Iron Binding Capacity  
 Transferrin  
 Transferrin Saturation

## Lipid Profile

Sample Requirements:



CODE: XLIPIDS

### Lipid Profile

Total Cholesterol  
 LDL Cholesterol  
 HDL Cholesterol  
 Total Cholesterol/HDL Cholesterol Ratio  
 Triglycerides

## Liver Health

Sample Requirements:



CODE: RP14

### Liver Health

Alanine Aminotransferase  
 Alkaline Phosphatase  
 Aspartate Aminotransferase  
 Gamma- glutamyltransferase  
 Total Bilirubin  
 Albumin  
 Ferritin

## Metabolic Syndrome

Sample Requirements:



CODE: RP11

### Metabolic Syndrome

Leptin  
 Adiponectin  
 Resistin  
 High Sensitivity C-Reactive Protein

## Metabolic Syndrome Extended

Sample Requirements:



CODE: RP3

### Heart Health

Total Cholesterol  
 LDL Cholesterol  
 HDL Cholesterol  
 Total Cholesterol / HDL  
 Cholesterol Ratio  
 Triglycerides  
 Apolipoprotein A-I  
 Apolipoprotein B  
 Apolipoprotein B / A-I Ratio  
 Apolipoprotein CII  
 Apolipoprotein CIII  
 Apolipoprotein E  
 Small LDL Cholesterol  
 Lipoprotein (a)  
 High Sensitivity  
 C-Reactive Protein

### Metabolic Syndrome

Glucose  
 HDL Cholesterol  
 Triglycerides  
 HbA1c  
 Insulin  
 C-peptide  
 Leptin  
 Adiponectin  
 Resistin  
 High Sensitivity  
 C-Reactive Protein

### Diabetes Health

Glucose  
 HbA1c  
 Insulin  
 C-peptide

## Muscle & Joint Health

Sample Requirements:



CODE: RP19

**Muscle & Joint Health**

- Creatine Kinase
- Uric Acid
- Rheumatoid Factor

## Muscle & Rheumatology

Sample Requirements:



CODE: RP2

**Nutritional Health**

- Calcium (Adjusted)
- Albumin
- Vitamin D

**Kidney Health**

- Creatinine
- Estimated Glomerular Filtration Rate
- Cystatin C
- Calcium (Adjusted)
- Chloride
- Magnesium
- Phosphate
- Potassium\*
- Sodium
- Urea
- Uric Acid

**Bone Health**

- Alkaline Phosphatase
- Calcium (Adjusted)
- Phosphate
- Vitamin D

**Infection & Inflammation**

- C-Reactive Protein
- Rheumatoid Factor
- Albumin
- Complement Component 3
- Complement Component 4
- Ferritin
- Immunoglobulin A
- Immunoglobulin G
- Immunoglobulin M

**Liver Health**

- Alanine Aminotransferase
- Alkaline Phosphatase
- Aspartate Aminotransferase
- Gamma- glutamyltransferase
- Total Bilirubin
- Albumin
- Ferritin

**Iron Status**

- Iron
- Ferritin
- Total Iron Binding Capacity
- Transferrin
- Transferrin Saturation

**Muscle & Joint Health**

- Creatine Kinase
- Uric Acid
- Rheumatoid Factor

\*Only Stable For 7 Hours at 2 - 8 °C.

## Nutritional & Digestive Health

Sample Requirements:



CODE: RP1

<p><b>Full Blood Count</b></p> <ul style="list-style-type: none"> <li>Haemoglobin</li> <li>Haematocrit</li> <li>Mean Cell Haemoglobin</li> <li>Mean Cell Haemoglobin Concentration (MCHC)</li> <li>Mean Cell Volume</li> <li>Red Blood Cell Count</li> <li>Basophil Count</li> <li>Eosinophil Count</li> <li>Lymphocyte Count</li> <li>Monocyte Count</li> <li>Neutrophil Count</li> <li>White Blood Cell Count</li> <li>Platelet Count</li> </ul>	<p><b>Nutritional Health</b></p> <ul style="list-style-type: none"> <li>Total Antioxidant Status</li> <li>Albumin</li> <li>Calcium (Adjusted)</li> <li>Magnesium</li> <li>Iron</li> <li>Folic acid</li> <li>Vitamin B12</li> <li>Vitamin D</li> <li>Zinc</li> </ul>	<p><b>Heart Health</b></p> <ul style="list-style-type: none"> <li>Total Cholesterol</li> <li>LDL Cholesterol</li> <li>HDL Cholesterol</li> <li>Total Cholesterol/HDL</li> <li>Cholesterol Ratio</li> <li>Triglycerides</li> </ul>	<p><b>Iron Status</b></p> <ul style="list-style-type: none"> <li>Iron</li> <li>Ferritin</li> <li>Total Iron Binding Capacity</li> <li>Transferrin</li> <li>Transferrin Saturation</li> </ul>
		<p><b>Digestive Health</b></p> <ul style="list-style-type: none"> <li><i>H. Pylori</i></li> <li>Anti-Tissue</li> <li>Transglutaminase</li> <li>Antibodies</li> </ul>	<p><b>Diabetes Health</b></p> <ul style="list-style-type: none"> <li>Glucose</li> <li>HbA1c</li> <li>Insulin</li> </ul>

## Pancreatic Health

Sample Requirements:



CODE: RP15

**Pancreatic Health**

- Pancreatic Amylase
- Lipase

## Stress

Sample Requirements:



CODE: RP8

**Stress**

- Cortisol
- DHEA-S

## Testosterone Monitoring

Sample Requirements:



CODE: RP17

**Testosterone Monitoring**

- Testosterone
- Sex Hormone Binding Globulin
- Free Androgen Index
- Free Testosterone
- Albumin

## Thyroid

Sample Requirements:



CODE: RP4

**Thyroid Health**

- Thyroid Stimulating Hormone
- Free Tri-iodothyronine
- Free Thyroxine
- Anti-Thyroglobulin Antibody
- Anti-Thyroid Peroxidase Antibody




# Urinalysis

Sample Requirements:



CODE: RP13


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


# Vitamins & Minerals

Sample Requirements:



CODE: RP5

  
**Iron Status**  
Iron  
Ferritin  
Total Iron Binding Capacity  
Transferrin  
Transferrin Saturation

  
**Nutritional Health**  
Albumin  
Calcium (Adjusted)  
Magnesium  
Iron  
Folic acid  
Vitamin B12  
Zinc  
Vitamin D



# SEXUAL HEALTH

Portfolio of panels to screen and diagnose  
common sexually-transmitted diseases



## STI TESTING GUIDANCE

Most STIs have an incubation following a sexual encounter meaning that they may not be detected within a certain timeframe. Most STI's require you to wait at least 14 days after sexual activity before taking a test, however, please refer to these timeframes instead if testing for the following STI's to ensure the results are accurate:

### HIV

For accuracy the best time to take the test is 6 weeks after exposure, however early detection tests can be taken 10 days post exposure. The HIVDUO test measures blood levels of HIV p24 antigen which are high in the first few weeks after infection, meaning the test can detect infection in the earliest stages. This test specifically measures HIV-1 p24 antigen and antibodies to HIV-1 including group O and HIV-2.

### Hepatitis B

Hepatitis B Surface Antigen assays are employed to detect Hepatitis B virus infections, particularly during acute and chronic stages. This test should be performed after an incubation period of six weeks to several months following suspected exposure: a positive result indicates that the patient is currently infected with the Hepatitis B virus. To further elucidate the status of the infection, a subsequent test after six months is recommended. The Hepatitis B Immunity test detects Hepatitis B Surface Antibody and is utilised to validate the necessity and success of vaccination, as well as monitor the course of the disease following acute Hepatitis B infection. Results are interpreted as non-reactive if values are less than 10 IU/L, while values equal to or greater than 10 IU/L are reactive, and the patient is considered immune to HBV.

### Hepatitis C

Randox provides testing for the presence of anti-HCV antibodies, which typically become detectable within 6-8 weeks after infection. These antibodies can emerge along with the onset of symptoms or even up to 6 months post-infection. If a patient tests positive for anti-HCV or receives an indeterminate result, it is crucial to confirm active HCV infection by conducting a sensitive HCV RNA test. This second step is essential for an accurate diagnosis. Keep in mind that the window period during which a patient may be anti-HCV negative but HCV RNA positive can range from 40 to 60 days, although it can vary among individuals.

### Syphilis

Randox offers two distinct syphilis tests to cater to specific diagnostic needs. A *T. pallidum* PCR test is a valuable diagnostic tool available exclusively as part of our STI\_10PLEX panel, intended primarily for genital chancres, overt lesions, or specimens with purulent discharges. It is important to note that this test is not offered as a standalone option. Given the practicality of noninvasive urine samples, we also offer this for non-suspected screenings. PCR for *T. pallidum* is not suitable for diagnosing syphilis, particularly latent syphilis without clinical symptoms. For latent infections, characterized by the absence of clinical manifestations, serologic testing is recommended. Randox provides the Syphilis Serum Antibodies test, designed to detect total IgG and IgM antibodies against bacterial TpN15, TpN17, and TpN47 in serum. In most settings, the screening and diagnosis of syphilis is based on serologic tests. By the time that signs and symptoms of primary syphilis are present most patients have detectable IgG and IgM but before this there is a short window around 2-4 weeks post-infection when only IgM is detectable.

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## SAMPLE COLLECTION

If there is no noticeable genital lesion or genital discharge, a urine sample should be provided.  
If there is a genital lesion or genital discharge, a swab sample should be provided.

### Collection of Urine Samples

Provide client with urine collection device. Sample should be provided from the start of urine flow (first catch) and not within two hours of last urination. Ensure the tube lid is replaced and screwed on tightly. A urine sample should not be taken during a patient's menstrual cycle.

### Collection of Swab Samples

Run the nylon tipped end of the collection swab against any lesions or discharge for 5 seconds, ensuring any fluid is transferred onto the swab. Swabs should only be collected from the genital area. The collection swab should be inserted into the sample collection tube (eNAT tube), making sure the nylon tipped end is covered by the clear solution. Ensure the tube lid is replaced and screwed on tightly.

## STI 10-Plex

Simultaneously detect 10 viral, bacterial and protozoan STIs from either a urine or lesion-based swab.

Sample Requirements:  or   or  

### STI

#### STI 10-Plex

*Chlamydia trachomatis*  
*Neisseria gonorrhoeae*  
 Syphilis (Presence in lesion or urine)  
 Herpes Simplex I  
 Herpes Simplex II  
*Trichomonas Vaginalis*  
*Mycoplasma Hominis*  
*Mycoplasma Genitalium*  
*Ureaplasma Urelyticum*  
 Chancroid

### Quick 10-Plex

Urine



CODE: STI\_10PLEX\_Q\_U

Swab



CODE: STI\_10PLEX\_Q\_S

### Standard 10-Plex

Urine



CODE: STI\_10PLEX\_U

Swab



CODE: STI\_10PLEX\_S

## STI CT/NG

PCR-based Screen for two of the most common STIs; *Chlamydia trachomatis* and *Neisseria gonorrhoeae*.

Sample Requirements:  or   or  

### STI

#### STI CT/NG

*Chlamydia trachomatis*  
*Neisseria gonorrhoeae*

### Quick CT/NG

Urine



CODE: STI\_CTNG\_Q\_U

Swab



CODE: STI\_CTNG\_Q\_S

### Standard CT/NG

Urine



CODE: STI\_CTNG\_U

Swab






CODE: STI\_CTNG\_S


Samples for same day turnaround must be received into the laboratory by 2pm.

## STI Blood Screen

Screen for multiple blood borne pathogens with our STI blood profile.

Sample Requirements:   

CODE: STI\_BLOOD


 **Blood**

- HIV1&2/p24Ag
- Hepatitis B Surface Antigen
- Hepatitis C Antibodies
- Syphilis Antibodies (IgG/IgM)


## STI Complete

A complete screen of Randox's entire 14 pathogen STI portfolio, comprising 10 urine or swab pathogens and 4 blood-borne viruses.

Sample Requirements:  or    

 **Urine**

- Chlamydia trachomatis*
- Neisseria gonorrhoeae*
- Syphilis* (Presence in lesion or urine)
- Herpes Simplex I
- Herpes Simplex II
- Trichomonas Vaginalis*
- Mycoplasma Hominis*
- Mycoplasma Genitalium*
- Ureaplasma Urelyticum*
- Chancroid

 **Blood**

- HIV1&2/p24Ag
- Hepatitis B Surface Antigen
- Hepatitis C Antibodies
- Syphilis Antibodies (IgG/IgM)

### STI Complete

Urine



CODE: STI\_COMPLETE\_U

Swab





CODE: STI\_COMPLETE\_S









## STI Comprehensive

A comprehensive panel simultaneously detecting 6 sexually transmitted pathogens by serology and urine/swab.

Sample Requirements:  or    

	
<p><b>Urine</b></p> <p><i>Chlamydia trachomatis</i> <i>Neisseria gonorrhoeae</i></p>	<p><b>Blood</b></p> <p>HIV1&amp;2/p24Ag Hepatitis B Surface Antigen Hepatitis C Antibodies Syphilis Antibodies (IgG/IgM)</p>



**STI Comprehensive**

<p><b>Urine</b></p> <p>   </p> <p>CODE: STI_COMPREHENSIVE_U</p>
<p><b>Swab</b></p> <p>   </p> <p>CODE: STI_COMPREHENSIVE_S</p>









## STI Routine Screen with Hep B

Our routine screen covers testing for Chlamydia, Gonorrhoea and HIV, with the addition of Hepatitis B surface antigen serology.

Sample Requirements:  or    

	
<p><b>Urine</b></p> <p><i>Chlamydia trachomatis</i> <i>Neisseria gonorrhoeae</i></p>	<p><b>Blood</b></p> <p>HIV1&amp;2/p24Ag Hepatitis B Surface Antigen</p>



**STI Routine Screen with Hep B**

<p><b>Urine</b></p> <p>   </p> <p>CODE: STI_ROUTINE_HEPB_U</p>
<p><b>Swab</b></p> <p>   </p> <p>CODE: STI_ROUTINE_HEPB_S</p>









## STI Routine Screen with Syphilis

Our routine screen tests for Chlamydia, Gonorrhoea and HIV, with the addition of Syphilis serology.

Sample Requirements:  or    

	
<p><b>Urine</b></p> <p><i>Chlamydia trachomatis</i> <i>Neisseria gonorrhoeae</i></p>	<p><b>Blood</b></p> <p>HIV1&amp;2/p24Ag Syphilis Antibodies (IgG/IgM)</p>

**STI Routine Screen with Syphilis**

<p><b>Urine</b></p> <p>   </p> <p>CODE: STI_ROUTINE_SYPH_U</p>
<p><b>Swab</b></p> <p>   </p> <p>CODE: STI_ROUTINE_SYPH_S</p>





# MICROBIOLOGY

Isolation and identification of microorganisms for management and treatment in patients.



# MICROBIOLOGY

Isolation and identification of microorganisms for management and treatment in patients.

## Candida Culture

Swab culture test for identification of candida species, causing candidiasis infection.

Sample Requirements:



CODE: CANDIDA\_CULTURE



Please specify site of sample.

## Culture & Sensitivities

Swab culture test for identification of pathogens, with sensitivity testing to aid with administration of appropriate antibiotics for treatment.

Sample Requirements:



CODE: CULTURE



Please specify site of sample.

## Gastrointestinal Panel (Stool PCR)

Identifies a broad range of bacterial, viral, and parasitic gastrointestinal pathogens using PCR.

Sample Requirements:



CODE: GASTRO\_PCR



### Tests for;




Adenovirus  
Astrovirus  
Campylobacter spp  
Clostridium Difficile Toxin A/B  
Cryptosporidium spp  
Cyclospora cayetanensis  
Entamoeba histolytica  
Enteraggregative E. coli  
Enteroinvasive E. coli/Shigella

Enteropathogenic E. coli  
Enterotoxigenic E. coli LT/ST  
Giardia lamblia  
Norovirus GI/GII  
Plesiomonas shigelloides  
Rotavirus A  
Salmonella spp  
Sapovirus (GI GII GIV GV)

Shiga-like toxin producing E. coli 0157:H7  
Shiga-like toxin producing E. coli Stx-1/Stx-2  
Vibrio cholerae  
Vibrio parahaemolyticus  
Vibrio vulnificus  
Yersinia enterocolitica

# Urine Microscopy & Culture

Urine microscopy, with culture if urinary casts are positive and urinary tract infection is suspected. Includes urinalysis.

Sample Requirements:   

CODE: URINE\_MICRO



<b>Tests for;</b> Urine casts Urine RBC Urine WBC	Glucose Ketones pH	Protein Urobilinogen
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# GENETIC TESTS

Innovative sequencing and PCR solutions to identify genetic mutations and disease risk in patients.



# GENETIC TESTS

Innovative sequencing and PCR solutions to identify genetic mutations and disease risk in patients.

## Genetic Bowel Cancer

Screens for mutations in 15 genes associated with increased bowel cancer risk

Sample Requirements:



CODE: GEN\_BOWEL\_CR

Gene List				
APC	MLH1	MSH6	PMS2	SMAD4
BMPR1A	MSH2	MUTYH	PTEN	STK11
EPCAM				

## Genetic Breast and Ovarian Cancer Risk

The hereditary breast and ovarian cancer genetic risk test covers 8 different genes including BRCA1 and BRCA2 associated with both hereditary breast and ovarian cancer.

Sample Requirements:



CODE: GEN\_BREAST\_OV\_CR

Gene List				
ATM	BRCA2	CHEK2	PTEN	TP53
BRCA1	CDH1	PALB2		

## Genetic Coeliac Disease

Detection of HLA-DQB1\*02, DQB1\*03:02, DQA1\*05 and DQA1\*03 alleles by RT-PCR, from extracted genomic DNA in whole blood, and the consequent determination of DQ2 and DQ8 antigens associated to coeliac disease.

Sample Requirements:






CODE: GEN\_COELIAC

Gene List	
HLA-DQ2	HLA-DQ8

## Genetic Familial Hypercholesterolaemia Risk

Screens for mutations in 5 genes associated with increased FH risk




Sample Requirements:   

CODE: GEN\_FH\_R

Gene List				
APOB	APOE	LDLR	LDLRAP1	PCSK9

## Genetic Full Cancer Risk

Expert-defined content targeting 113 genes associated with genetic cancer risk predisposition, including, breast, ovarian, colon, gastric and other inherited cancer syndromes.

Sample Requirements:   

CODE: GEN\_FULL\_CR

Gene List				
AIP	DDB2	FANCL	PALB2	SLX4
ALK	DICER1	FANCM	PHOX2B	SMAD4
APC	DIS3L2	FH	PMS1	SMARCB1
ATM	EGFR	FLCN	PMS2	STK11
BAP1	EPCAM	GATA2	PRF1	SUFU
BLM	ERCC2	GPC3	PRKAR1A	TMEM127
BMPR1A	ERCC3	HNF1A	PTCH1	TP53
BRCA1	ERCC4	HRAS	PTEN	TSC1
BRCA2	ERCC5	KIT	RAD51C	TSC2
BRIP1	EXT1	MAX	RAD51D	VHL
BUB1B	EXT2	MEN1	RB1	WRN
CDC73	EZH2	MET	RECQL4	WT1
CDH1	FANCA	MLH1	RET	XPA
CDK4	FANCB	MSH2	RHBDF2	XPC
CDKN1C	FANCC	MSH6	RUNX1	
CDKN2A	FANCD2	MUTYH	SBDS	
CEBPA	FANCE	NBN	SDHAF2	
CEP57	FANCF	NF1	SDHB	
CHEK2	FANCG	NF2	SDHC	
CYLD	FANCI	NSD1	SDHD	

## Genetic Full Cardiac Risk

A comprehensive, cost-effective solution for identifying causal variants implicated in inherited cardiac conditions (ICCs).

Sample Requirements:



CODE: GEN\_CARDIAC\_R

Gene List				
ABCC9	CSRP3	JAG1	MYLK	SGCG
ABCG5	CTF1	JPH2	MYLK2	SHOC2
ABCG8	DES	JUP	MYO6	SLC25A4
ACTA1	DMD	KCNA5	MYOZ2	SLC2A10
ACTA2	DNAJC19	KCND3	MYPN	SMAD3
ACTC1	DOLK	KCNE1	NEXN	SMAD4
ACTN2	DPP6	KCNE2	NKX2-5	SNTA1
AKAP9	DSC2	KCNE3	NODAL	SOS1
ALMS1	DSG2	KCNH2	NOTCH1	SREBF2
ANK2	DSP	KCNJ2	NPPA	TAZ
ANKRD1	DTNA	KCNJ5	NRAS	TBX20
APOA4	EFEMP2	KCNJ8	PCSK9	TBX3
APOA5	ELN	KCNQ1	PDLIM3	TBX5
APOB	EMD	KLF10	PKP2	TCAP
APOC2	EYA4	KRAS	PLN	TGFB2
APOE	FBN1	LAMA2	PRDM16	TGFB3
BAG3	FBN2	LAMA4	PRKAG2	TGFBR1
BRAF	FHL1	LAMP2	PRKAR1A	TGFBR2
CACNA1C	FHL2	LDB3	PTPN11	TMEM43
CACNA2D1	FKRP	LDLR	RAF1	TMPO
CACNB2	FKTN	LDLRAP1	RANGRF	TNNC1
CALM1	FXN	LMF1	RBM20	TNNI3
CALR3	GAA	LMNA	RYR1	TNNT2
CASQ2	GATAD1	LPL	RYR2	TPM1
CAV3	GCKR	LTBP2	SALL4	TRDN
CB2	GJAS	MAP2K1	SCN1B	TRIM63
CBL	GLA	MAP2K2	SCN2B	TRPM4
CETP	GPD1L	MIB1	SCN3B	TTN
COL3A1	GPIHBP1	MURC	SCN4B	TTR
COL5A1	HADHA	MYBPC3	SCN5A	TXNRD2
COL5A2	HCN4	MYH11	SCO2	VCL
COX15	HFE	MYH6	SDHA	ZBTB17
CREB3L3	HRAS	MYH7	SEPN1	ZHX3
CRELD1	HSPB8	MYL2	SGCB	ZIC3
CRYAB	ILK	MYL3	SGCD	

## Genetic Haemochromatosis

Detection of polymorphisms p.His63Asp, p.Ser65Cys and p.Cys282Tyr in the HFE gene associated with Haemochromatosis. Confirmatory diagnostic genetic testing to diagnose or rule out HH should be carried out for symptomatic individuals with biochemical evidence of iron overload.

Sample Requirements:






CODE: GEN\_HFE

Gene List		
HFE C282Y	HFE H63D	HFE S65C



## Genetic Lactose Intolerance

For detecting the C13910T and G22018A polymorphisms of the MCM6 gene by RT-PCR.




Sample Requirements:   

CODE: GEN\_LACTOSE

Gene List	
C13910T	G22018A

## Genetic Prostate Cancer Risk

Screens for mutations in 14 genes associated with increased prostate cancer risk

Sample Requirements:   

CODE: GEN\_PROSTATE\_CR

Gene List				
ATM	CHEK2	MLH1	NBN	RAD51D
BRCA1	EPCAM	MSH2	PALB2	TP53
BRCA2	HOXB13*	MSH6	PMS2	

\*Reporting restricted to HOXB13 missense variant G84E (rs138213197)



HEALTH SCREENS		
Panel	Code	Price
Acute Med 1	HSC3	£117
Acute Med 2	HSC4	£139
Advanced GP2	HSC8F/M	£243
Advanced GP3	HSC9F/M	£395
Basic Screen	HSC5	£91
Lifestyle Screen	HSC13	£163
Lipids & HBA1C	HSC2	£83
Long COVID	HSC11	£144
Male/Female Fertility Panel	HSC14	£192
Male/Female Fertility Panel + AMH	HSC14AMH	£256
Male/Female Fertility Panel + Standard Urine or Swab based CT/NG	HSC14CTNG	£210
Sports Performance	HSC12	£296
Standard Screen	HSC6	£160
Standard Screen Plus	HSC7F/M	£192
Standard Screen Plus Folic Acid & Vitamin B12	WIN1F/M	£211
Tired All The Time	HSC10	£205

SPECIALISED PANELS		
Panel Code Sample Requirements List Price TAT Stability Page		
Anaemia Profile	RP21	£162
Basic Kidney Health	RP20	£62
Bone Health	RP18	£141
Diabetes Status	RP6	£86
Digestive Health	RP16	£133
Endocrinology	RP22	£138
Extended Kidney Health	RP12	£101
Full Blood Count	HSC1	£74
Heart Health	RP10	£112
Hormonal Health	RP7	£102
HPV DNA Screen	HPV	£133
Iron Status	RP9	£82
Lipid Profile	XLIPIDS	£66
Liver Health	RP14	£59
Metabolic Syndrome	RP11	£80
Metabolic Syndrome Extended	RP3	£128
Muscle & Joint Health	RP19	£78
Muscle and Rheumatology	RP2	£155
Nutritional & Digestive Health	RP1	£232
Pancreatic Health	RP15	£83
Stress	RP8	£96
Testosterone Monitoring	RP17	£86
Thyroid	RP4	£86
Urinalysis	RP13	£59
Vitamins and Minerals	RP5	£118

GENETIC TESTS		
Test Name Code Sample Requirements List Price TAT Stability Page		
Genetic Bowel Cancer	GEN_BOWEL_CR	£838
Risk	GEN_BREAST_OV_CR	£808
Genetic Coeliac Disease	GENETIC_COELIAC	£184

Genetic Familial		
Hypercholesterolaemia Risk	GEN_FH_R	£840
Genetic Full Cancer Risk	GEN_FULL_CR	£1,771
Genetic Full Cardiac Risk	GEN_CARDIAC_R	£1,318
Genetic Haemochromatosis	GEN_HFE	£150
Genetic Lactose Intolerance	GENETIC_LACTOSE	£184
Genetic Prostate Cancer Risk	GEN_PROSTATE_CR	£808

MICROBIOLOGY		
Test Name Code Sample Requirements List Price TAT Stability Page		
Candida Culture	CANDIDA_CULTURE	£148
Culture & Sensitivities	CULTURE	£113
Gastrointestinal Panel (Stool PCR)	GASTRO_PCR	£228
Urine Microscopy & Culture	URINE_MICRO	£85

SEXUAL HEALTH		
Test Name Code Sample Requirements List Price TAT Stability Page		
Quick Swab Based 10-Plex	STI_10PLEX_Q_S	£160
Quick Swab Based	CT/NG STI_CTNG_Q_S	£128
Quick Urine Based 10-Plex	STI_10PLEX_Q_U	£160
Quick Urine Based	CT/NG STI_CTNG_Q_U	£128
Standard Swab Based 10-Plex	STI_10PLEX_S	£112
Standard Swab Based	CT/NG STI_CTNG_S	£80
Standard Urine Based 10-Plex	STI_10PLEX_U	£112
Standard Urine Based	CT/NG STI_CTNG_U	£80
STI Blood Screen	STI_BLOOD	£126
STI Complete (Swab)	STI_COMPLETE_S	£198
STI Complete (Urine)	STI_COMPLETE_U	£198
STI Comprehensive (Swab)	STI_COMPREHESIVE_S	£162
STI Comprehensive (Urine)	STI_COMPREHESIVE_U	£162
(Swab)	STI_ROUTINE_HEPB_S	£115
(Urine)	STI_ROUTINE_HEPB_U	£115
STI Routine with Syphilis (Swab)	STI_ROUTINE_SYPH_S	£120
STI Routine with Syphilis (Urine)	STI_ROUTINE_SYPH_U	£120

Quick Swab Based 10-Plex	STI_10PLEX_Q_S	£160
Quick Swab Based	CT/NG STI_CTNG_Q_S	£128
Quick Urine Based 10-Plex	STI_10PLEX_Q_U	£160
Quick Urine Based	CT/NG STI_CTNG_Q_U	£128
Standard Swab Based 10-Plex	STI_10PLEX_S	£112
Standard Swab Based	CT/NG STI_CTNG_S	£80
Standard Urine Based 10-Plex	STI_10PLEX_U	£112
Standard Urine Based	CT/NG STI_CTNG_U	£80
STI Blood Screen	STI_BLOOD	£126
STI Complete (Swab)	STI_COMPLETE_S	£198
STI Complete (Urine)	STI_COMPLETE_U	£198
STI Comprehensive (Swab)	STI_COMPREHESIVE_S	£162
STI Comprehensive (Urine)	STI_COMPREHESIVE_U	£162
(Swab)	STI_ROUTINE_HEPB_S	£115
(Urine)	STI_ROUTINE_HEPB_U	£115
STI Routine with Syphilis (Swab)	STI_ROUTINE_SYPH_S	£120
STI Routine with Syphilis (Urine)	STI_ROUTINE_SYPH_U	£120

INDIVIDUAL TESTS		
Test Name	Code	Sample
Requirements	List Price	TAT Stability
Active B12	ACTB12	£89
Adiponectin	ADNP	£228
Alanine Aminotransferase	ALT	£73
Albumin	ALB	£65
Aldolase	ALDOLASE	£108
Alkaline Phosphatase	ALP_AMP	£73
Alpha-Fetoprotein	AFP	£103
Anti-CCP Antibodies	ANTI-CCP	£82
Antimullerian Hormone	AMH	£140
Antinuclear Antibodies	ANTI_NUC_AB	£109
Antistreptolysin O	ASO	£105
Anti-Thyroglobulin Antibody	TGA	£86
Anti-Thyroid Peroxidase Antibody	ATA	£81
Apolipoprotein A-I	APO_A1	£101
Apolipoprotein B	APO_B	£101
Apolipoprotein CII	APO_CII	£76
Apolipoprotein CIII	APO_CIII	£76
Apolipoprotein E	APO_E	£133
Aspartate Aminotransferase	AST	£73
Beta Human Chorionic Gonadotrophin	THCG_BETA	£105
Beta-2-Microglobulin	B2MGB	£140
Bicarbonate	LCO2	£68
Bile Acids	BILE	£71
Blood Film	BLOOD_FILM	£77
Blood Group	BLOOD_GROUP	£78
C-peptide	CPEP	£153

Prolactin	PRL	£71
Prothrombin Time	PTB_TIME	£77
Quantiferon	TBQ_GOLD	£99
Red Cell Folate	RED_CELL_FOLATE	£71
P-Selectin	PSEL	£139
Resistin	RES	£80
Rheumatoid Factor	RF	£64
Sex Hormone Binding Globulin	SHBG	£71
Small LDL Cholesterol	SLDL	£67
Sodium	NA	£70
Soluble IL-2 Receptor a	IL2RA	£250
Soluble IL-6 Receptor	IL6R	£139
Soluble Tumour Necrosis Factor Receptor I	TNFR1	£139
Soluble Tumour Necrosis Factor Receptor II	TNFR2	£139
Syphilis Antibodies (IgG/IgM)	SYPHILIS_BLOOD	£64
T3 Triiodothyronine	TT3	£103
T4 Thyroxine	TT4	£64
Testosterone	TEST	£72
Thyroid Stimulating Hormone	TSH	£59
Tissue Transglutaminase IgA (Coeliac)	TTG_AB_IGA	£134
Total Antioxidant Status	TAS	£80
Total Bilirubin	T_BIL	£73
Total Cholesterol	CHOL	£57
Total Iron Binding Capacity	TIBC	£71
Total Prostate Specific Antigen	TPSA	£77
Total Protein	TP	£57
Transferrin	TF	£133
Triglycerides	TRIGLYCERIDES	£76
Troponin T	TNT	£158
Tumour Necrosis Factor $\alpha$	TNFA	£155
Urea	UREA	£76
Uric Acid	URIC_ACID	£57
Urinalysis	XURINALYSIS	£59
Urine Microscopy & Culture	URINE_MICRO	£85
Vascular Cell Adhesion Molecule-1	VCAM	£139
Vascular Endothelial Growth Factor	VEGF	£288
Vitamin B12	VITB12	£64
Vitamin D	25OH_VITD	£91
Zinc	ZN	£96
Zika Antibodies IgG & IgM	ZIKA_AB_IGG_IGM	£206

HPV DNA Screen	HPV	£133
Human Epididymis Protein 4	HE4	£201
Immunoglobulin A	IGA	£71
Immunoglobulin E	IGE	£71
Immunoglobulin G IGG	IGG	£71
Immunoglobulin M	IGM	£71
Insulin	INS	£103
Insulin-like Growth Factor-1	IGF1	£133
Intercellular Cell Adhesion Molecule-1	ICAM	£139
Interleukin-10	IL10	£452
Interleukin-12p70 subunit	IL12	£139
Interleukin-13	IL13	£139
Interleukin-15	IL15	£139
Interleukin-1 $\alpha$	IL1A	£139
Interleukin-1 $\beta$	IL1B	£288
Interleukin-2	IL2	£288
Interleukin-23	IL23	£139
Interleukin-3	IL3	£139
Interleukin-4	IL4	£288
Interleukin-5	IL5	£139
Interleukin-6	IL6	£288
Interleukin-7	IL7	£139
Interleukin-8	IL8	£430
Intrinsic Factor Antibodies	INT_FACTOR_ABS	£107
Iron	FE	£76
Lactate Dehydrogenase	LDH	£59
LDL	LDL_CHOL	£60
Leptin	LEP	£125
Lipase	LIP	£86
Lipoprotein (a)	LPA	£94
L-Selectin	LSEL	£139
Luteinising Hormone	LH	£71
Macrophage Inflammatory Protein - 1a	MIP1A	£139
Magnesium	MG	£57
Matrix Metalloproteinase-9	MMP9	£139
Microalbumin / Creatinine Ratio	MCR	£65
Monocyte Chemotactic Protein-1	MCP1	£139
Myoglobin	MYO	£103
Neuron Specific Enolase	NSE	£112
Neutrophil Gelatinase-Associated Lipocalin	NGAL	£86
Non-Esterified Fatty Acids	NEFA	£61
Oestradiol	EST	£71
Omega 3:6	OMEGA_6_3	£222
Pancreatic Amylase	PAMY	£62
Parathyroid Hormone	PTH	£150
Phosphate	PHOS	£70
Potassium	K	£70
Pro-BNP	NT-PROBNP	£140
Progesterone	PROG	£71

Helicobacter Pylori Ag Stool	HPA_STOOL	£108
Hepatitis A Antibodies	AHAVIGM	£64
Hepatitis B Immunity	HEPB_IMM	£75
Hepatitis B Surface Antigen	HBSAG2	£62
Hepatitis C Antibodies	AHCV2	£64
Herpes Simplex I/II Antibodies	HSV_ABS	£155
High Sensitivity C-Reactive Protein	CRP	£67
HIV	HIVDUO	£66
Homocysteine	HOMO	£117
HPV DNA Screen	HPV	£133
Human Epididymis Protein 4	HE4	£201
Immunoglobulin A	IGA	£71
Immunoglobulin E	IGE	£71
Immunoglobulin G IGG	IGG	£71
Immunoglobulin M	IGM	£71
Insulin	INS	£103
Insulin-like Growth Factor-1	IGF1	£133
Intercellular Cell Adhesion Molecule-1	ICAM	£139
Interleukin-10	IL10	£452
Interleukin-12p70 subunit	IL12	£139
Interleukin-13	IL13	£139
Interleukin-15	IL15	£139
Interleukin-1 $\alpha$	IL1A	£139
Interleukin-1 $\beta$	IL1B	£288
Interleukin-2	IL2	£288
Interleukin-23	IL23	£139
Interleukin-3	IL3	£139
Fructosamine	FRUCTOSAMINE	£86
G6PD	G6PD	£165
Gamma-Glutamyltransferase	GGT	£70
Gastric Parietal Cell Antibodies	GAS_PC_AB	£110
Gastrin	GAS	£172
Globulin	GLOB	£76
Glucose	GLUCOSE	£57
Glutamate Dehydrogenase	GLDH	£88
Glutathione Reductase	TAS	£89
Granulocyte Macrophage Colony Stimulating Factor	GMCSF	£139
H. pylori	HPYL	£96
Haptoglobin	HAPT	£123
HbA1c	HBA1C	£71
HDL	HDL_CHOL	£88
Heart-type Fatty Acid Binding Protein	FABP	£61
Helicobacter Pylori Ag Stool	HPA_STOOL	£108
Hepatitis A Antibodies	AHAVIGM	£64
Hepatitis B Immunity	HEPB_IMM	£75
Hepatitis B Surface Antigen	HBSAG2	£62
Hepatitis C Antibodies	AHCV2	£64
Herpes Simplex I/II Antibodies	HSV_ABS	£155
High Sensitivity C-Reactive Protein	CRP	£67
HIV	HIVDUO	£66
Homocysteine	HOMO	£117



C-Reactive Protein	CRP	£67
Calcitonin	CALC	£191
Calcium (Adjusted)	CA_ADJ	£57
Calprotectin	CALP	£134
Cancer Antigen 125	CA_125	£80
Cancer Antigen 15-3	CA_15_3	£81
Cancer Antigen 19-9	CA_19_9	£86
Candida Culture	CANDIDA_CULTURE	£148
Carcinoembryonic Antigen	CEA	£71
Chloride	CL	£68
Coagulation Screen	COAG_SCREEN	£102
Complement Component 3	C3	£100
Complement Component 4	C4	£100
Copper	CU	£103
Cortisol	CORTISOL	£101
COVID-19 Antibody	COVID-19 AB	£72
Creatine Kinase	CK_NAC	£72
Creatine Kinase-MB	CKMB	£80
Creatinine	CREA	£73
Culture & Sensitivities	CULTURE	£113
Cystatin C	CYSC	£110
D-dimer	D-DIMER_LONG	£103
Dehydroepiandrosterone Sulphate	DHEAS	£71
Direct Bilirubin	DBIL	£57
Epidermal Growth Factor	EGF	£139
Epstein Barr Virus Antibodies	EBVAB	£122
Erythrocyte Sedimentation Rate	ESR	£58
Faecal Occult Blood (FIT)	FOB_FIT_STOOL	£92
E-Selectin	ESEL	£139
Ferritin	FERRITIN	£72
Folic acid	FOL	£64
Follicle Stimulating Hormone	FSH	£71
Free Prostate Specific Antigen	FPSA	£77
Free Thyroxine	FT4	£59
Free Tri-iodothyronine	FT3	£67
Fructosamine	FRUCTOSAMINE	£86
G6PD	G6PD	£165
Gamma-Glutamyltransferase	GGT	£70
Gastric Parietal Cell Antibodies	GAS_PC_AB	£110
Gastrin	GAS	£172
Globulin	GLOB	£76
Glucose	GLUCOSE	£57
Glutamate Dehydrogenase	GLDH	£88
Glutathione Reductase	TAS	£89
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Haptoglobin	HAPT	£123
HbA1c	HBA1C	£71
HDL	HDL_CHOL	£88
Heart-type Fatty Acid Binding Protein	FABP	£61