



Pathology Services Catalogue

A large, curved, semi-circular graphic on the left side of the cover. It features a microscopic view of several red blood cells, rendered in a vibrant red color, set against a dark teal background. The cells are shown in various orientations, some in sharp focus and others blurred, creating a sense of depth.

**HEALTHCARE
DIAGNOSTIC
SOLUTIONS**

06

HEALTH SCREENS

Health screens are varied yet comprehensive packages preselected by our clinical experts, offering a broad overview of patient health and suitable for MOTs, health checks, and as a foundation for further investigations.

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SPECIALISED PANELS

Clinically selected combinations of analytes, precisely targeting areas of the body or specific disease states.

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Index of all tests available including additional individual tests.

HEALTHCARE SOLUTIONS

Taking care of the diagnostics so you can focus on the patient.












With over 40 years in the global diagnostic industry, Randox leads the way in developing and supplying innovative diagnostic solutions for hospitals, clinics, and healthcare providers, including the NHS.

Following decades of pioneering research & development, Randox now offer clinicians and physicians an unrivalled range and combination of tests to facilitate effective disease management, screening, and treatment.

PERSONALISED PATHOLOGY

Use our extensive range of screens and panels, alongside a portfolio of 100's of individual tests, as the building blocks to create your own personalised health screens.



Vacutainer And Sample Requirement Key					
					
Turn Around Time	SST (8.5ml)	EDTA (4ml)	Lithium Heparin (4.5ml)	Citrate (2.7ml)	Sterile Urine Container
					
Sterile Container	FLOQSwab in eNAT Tube	Stool Container	ThinPrep Collection Swab & Vial	Culture Swab	

TEST MENU

Health Screens		
Acute Med 1	Acute Med 2	Lifestyle Screen
Lipids & HbA1c	Basic Screen	Standard Screen
Standard Screen Plus	Advanced GP 2	Advanced GP 3
Tired All The Time	Long Covid	Anaemia Profile
Sports Performance	Fertility Panel ♂♀	Nutritional Health (New)
Specialised Panels		
Biochemistry		
Bone Health	Diabetes Status	Heart Health
Iron Status	Kidney Health	Liver Health
Lipid Profile	Metabolic Syndrome	Metabolic Syndrome Extended
Prostate Profile (New)	Pancreatic Health	Urinalysis
Endocrinology		
Endocrinology	Endocrinology Plus	Hormonal Health
Stress	Testosterone Monitoring	Thyroid
Immunology & Rheumatology		
Muscle & Joint Health	Rheumatology (New)	Rheumatology Extended (New)
Inflammation (New)	-	-
Lifestyle & Nutrition		
Digestive Health	Digestive Health Extended (New)	Nutritional & Digestive Health
Vitamins & Minerals	-	-
Haematology		
Anaemia Profile	Coagulation Screen	Full Blood Count
Inflammation (New)	-	-
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	HPV Screen	Hepatitis B Immunity
Microbiology		
Candida Culture	Culture & Sensitivities	Gastrointestinal Panel (Stool PCR)
Urine Microscopy & Culture	Helicobacter Pylori Antigen Stool	Urinary Tract Infection (New)
Cough, Cold, Flu (New)	-	-
Genetic Tests		
Genetic Bowel Cancer Risk	Genetic Breast & 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
Genetic Core Cancer Risk	Nutrition and Lifestyle DNA	

HEALTH SCREENS

Health screens are varied yet comprehensive packages preselected by our clinical experts, offering a broad overview of patient health and suitable for MOTs, health checks, and as a foundation for further investigations.







Acute Med 1

Essential clinical chemistry biomarkers to quickly identify illness in patients.

Sample Requirements:



CODE: HSC3

 <p>Full Blood Count</p> <p>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</p>	 <p>Heart Health</p> <p>Total Cholesterol LDL Cholesterol HDL Cholesterol Total Cholesterol/HDL Cholesterol Ratio Triglycerides</p>	 <p>Liver Health</p> <p>Alkaline Phosphatase Alanine Aminotransferase Aspartate Transferase Gamma-glutamyl Transferase Total Bilirubin Albumin</p>	 <p>Kidney Health</p> <p>Creatinine eGFR Chloride Calcium (Adjusted) Potassium* Phosphate Sodium Urea</p>
	 <p>Bone Health</p> <p>Alkaline Phosphatase Calcium (Adjusted) Phosphate</p>	 <p>Diabetes Health</p> <p>Glucose HbA1c</p>	





Acute Med 2

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

Sample Requirements:



CODE: HSC4

<p>Includes Panels Covered in Acute Med 1:</p> <p>Full Blood Count Heart Health Liver Health Bone Health Kidney Health Diabetes Health</p>	 <p>Urinalysis</p> <p>Bilirubin Glucose Ketones Nitrite pH Protein Red Blood Cells Urobilinogen White Blood Cells</p>	 <p>Muscle & Joint Health</p> <p>Creatine Kinase Uric Acid</p>	 <p>Iron Status</p> <p>Ferritin Iron Total Iron Binding Capacity Transferrin Transferrin Saturation</p>
		 <p>Infection & Inflammation</p> <p>C-Reactive Protein</p>	

Note: Potassium is stable for 7 hours prior to processing

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

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

Note: Potassium is stable for 7 hours prior to processing






Basic Screen

Find the baseline health of your patients.

Sample Requirements:



CODE: HSC5

 <h3>Full Blood Count</h3> <ul style="list-style-type: none"> 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 	 <h3>Kidney Health</h3> <ul style="list-style-type: none"> Creatinine eGFR Chloride Potassium* Phosphate Sodium Urea 	 <h3>Heart Health</h3> <ul style="list-style-type: none"> Total Cholesterol LDL Cholesterol HDL Cholesterol Total Cholesterol/HDL Cholesterol Ratio Triglycerides High Sensitivity C-Reactive Protein 	 <h3>Liver Health</h3> <ul style="list-style-type: none"> Alkaline Phosphatase Alanine Aminotransferase Aspartate Transferase Gamma-glutamyl Transferase Total Bilirubin Albumin
			 <h3>Diabetes Health</h3> <ul style="list-style-type: none"> Glucose





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: <ul style="list-style-type: none"> Full Blood Count Heart Health Liver Health Kidney Health Diabetes Health 	 <h3>Urinalysis</h3> <ul style="list-style-type: none"> Bilirubin Glucose Ketones Nitrite PH Protein Red Blood Cells Urobilinogen White Blood Cells 	 <h3>Bone Health</h3> <ul style="list-style-type: none"> Alkaline Phosphatase Calcium (Adjusted) Phosphate Vitamin D 	 <h3>Diabetes Health</h3> <ul style="list-style-type: none"> Glucose HbA1c
			 <h3>Iron Status</h3> <ul style="list-style-type: none"> Ferritin

Note: Potassium is stable for 7 hours prior to processing

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)

Extended Panel:

Test	Product Code
Standard Screen Plus + Folic Acid and Vitamin B12	WIN1F/M
Standard Screen Plus + Hormonal Health	HSC7F/M_RP7

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



Heart Health

Apolipoprotein A-I
Apolipoprotein B
Apolipoprotein B / A-I Ratio
Apolipoprotein CII
Apolipoprotein CIII
Apolipoprotein E
Cardiovascular Risk Score
High Sensitivity C-Reactive Protein
Lipoprotein (a)
Small LDL Cholesterol

Diabetes Health

Glucose
HbA1c
Insulin
C-Peptide

Iron Status

Ferritin
Iron
TIBC
Transferrin
Transferrin Saturation

Kidney Health

Cystatin C
Magnesium
Uric Acid

Metabolic Syndrome

Leptin
Adiponectin
Resistin

Nutritional Health

Calcium (Adjusted)
Albumin
Iron
Vitamin D
Magnesium

Muscle & Joint Health

Uric Acid

Infection & Inflammation

C-Reactive Protein

Note: Potassium is stable for 7 hours prior to processing

Advanced GP3

Rando'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



Goes Well With:

Test	Sample Requirements	Product Code
Nutrition & Lifestyle DNA		NGS_NUTRI

Why add this on? Here's what our clinical team says;

The Nutritional & Lifestyle DNA test is an affordable add-on or stand alone test that offers personalised insights into patients' nutritional factors, such as absorption rates of key vitamins. It helps identify risks like folate and vitamin D deficiencies, prompting earlier interventions. The test also assesses what your genetic baseline Omega 3:6 ratio is, guiding adjustments for healthier inflammatory levels, and provides insights into fasting responses and caffeine metabolism, making it a valuable tool for personalised patient care.




Note: Potassium is stable for 7 hours prior to processing

Tired All The Time

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

Sample Requirements:    

CODE: HSC10

 <h3>Full Blood Count</h3> <ul style="list-style-type: none"> 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 	 <h3>Kidney Health</h3> <ul style="list-style-type: none"> Creatinine eGFR Chloride Potassium* Phosphate Sodium Urea Cystatin C Magnesium 	 <h3>Nutritional Health</h3> <ul style="list-style-type: none"> Calcium (Adjusted) Albumin Iron Folic Acid Vitamin B12 Vitamin D 	 <h3>Thyroid Health</h3> <ul style="list-style-type: none"> Thyroid Stimulating Hormone Free Tri-iodothyronine Free Thyroxine Anti-Thyroglobulin Antibody Anti-Thyroid Peroxidase Antibody
	 <h3>Bone Health</h3> <ul style="list-style-type: none"> Alkaline Phosphate 	 <h3>Iron Status</h3> <ul style="list-style-type: none"> Ferritin Iron Total Iron Binding Capacity Transferrin Transferrin Saturation 	 <h3>Diabetes Health</h3> <ul style="list-style-type: none"> Glucose HbA1c Insulin C-Peptide
	 <h3>Infection & Inflammation</h3> <ul style="list-style-type: none"> C-Reactive Protein 		

Note: Potassium is stable for 7 hours prior to processing

Long Covid

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

Sample Requirements:     




CODE: HSC11

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





**D-Dimer marker has a 4 hour stability

Anaemia Profile

This panel assesses the current state of a patient's anaemia and evaluates key factors that could be contributing to the condition.

Sample Requirements:   

CODE: RP21

 Full Blood Count 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	 Iron Status Iron Ferritin Total Iron Binding Capacity Transferrin Transferrin Saturation	 Nutritional Health Folic Acid Vitamin B12	 Infection & Inflammation High Sensitivity C-Reactive Protein
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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

 <h3>Full Blood Count</h3> <ul style="list-style-type: none"> 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 	 <h3>Heart Health</h3> <ul style="list-style-type: none"> Total Cholesterol LDL Cholesterol HDL Cholesterol Total Cholesterol / HDL Cholesterol Ratio Triglycerides Apolipoprotein A-I Apolipoprotein B Apolipoprotein B / A-I Ratio High Sensitivity C-Reactive Protein Cardiovascular Risk Score 	 <h3>Urinalysis</h3> <ul style="list-style-type: none"> Bilirubin Glucose Ketones Nitrite pH Protein Red Blood Cells Urobilinogen White Blood Cells 	 <h3>Kidney Health</h3> <ul style="list-style-type: none"> Creatinine eGFR Calcium (Adjusted) Chloride Magnesium Phosphate Potassium* Sodium Urea Uric Acid
 <h3>Nutritional Health</h3> <ul style="list-style-type: none"> Total Antioxidant Status Folic acid Vitamin B12 Vitamin D 	 <h3>Liver Health</h3> <ul style="list-style-type: none"> Alanine Aminotransferase Alkaline Phosphatase Aspartate Transferase Gamma-glutamyl Transferase Total Bilirubin Albumin Ferritin 	 <h3>Iron Status</h3> <ul style="list-style-type: none"> Iron Ferritin Total Iron Binding Capacity Transferrin Transferrin Saturation 	 <h3>Muscle & Joint Health</h3> <ul style="list-style-type: none"> Creatine Kinase CK-MB Myoglobin
 <h3>Thyroid Health</h3> <ul style="list-style-type: none"> Thyroid Stimulating Hormone Free Tri-iodothyronine FT3 Free Thyroxine FT4 	 <h3>Male Hormonal Health</h3> <ul style="list-style-type: none"> Testosterone Sex Hormone Binding Globulin Free Androgen Index 	 <h3>Female Hormonal Health</h3> <ul style="list-style-type: none"> Luteinising Hormone Testosterone Sex Hormone Binding Globulin Free Androgen Index 	 <h3>Bone Health</h3> <ul style="list-style-type: none"> Alkaline Phosphatase Calcium (Adjusted) Phosphate Vitamin D
 <h3>Stress Health</h3> <ul style="list-style-type: none"> Cortisol DHEA-S 	 <h3>Diabetes Health</h3> <ul style="list-style-type: none"> Glucose HbA1c 	 <h3>Infection & Inflammation</h3> <ul style="list-style-type: none"> C-Reactive Protein 	

Goes Well With:

Test	Sample Requirements	Product Code
Omega-3 Index Complete Includes Omega-3 index, Omega-6:Omega-3 ratio, AA:EPA ratio, AA, EPA & Trans Fat Index		OMEGA_6_3_COMPLETE


Why add this on? Here's what our clinical team says;

The Omega-3 Index Complete assesses the Omega-3 index, Omega-6:Omega-3 ratio, AA:EPA ratio, AA, EPA, and Trans Fat Index, providing a comprehensive reflection of the body's Omega-3 status over the previous four months, with optimal levels enhancing overall health, particularly cardiovascular and metabolic health, and supporting heart, brain, eye, and joint health.


Note: Potassium is stable for 7 hours prior to processing

Fertility Panel ♂♀

Rule out common differential diagnoses associated with difficulty conceiving.


Sample Requirements:    

CODE: HSC14




Thyroid Health

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




Full Blood Count

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




Liver Health

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




Heart Health

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




Hormonal Health

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




Diabetes Health

Glucose
HbA1c
Insulin




Kidney Health

Chloride
Phosphate
Potassium*
Sodium
Urea




Nutritional Health

Vitamin D




Iron Status

Iron
Ferritin
Total Iron Binding Capacity
Transferrin
Transferrin Saturation



Stress

Cortisol
DHEA-S



Infection & Inflammation

C-Reactive Protein

Extended Panels:





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

Note: Potassium is stable for 7 hours prior to processing


Nutritional Health

NEW

Our new nutritional panel, designed and curated by our in-house expert nutritionist, includes key markers of current nutritional status alongside other indicators that may be causative or symptomatic of poor nutritional outcomes.


Sample Requirements:    

CODE: HSC15




Full Blood Count

- 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




Nutritional Health

- Albumin
- Calcium (Adjusted)
- Iron
- Folate
- Vitamin B12
- Vitamin D
- Zinc
- Magnesium




Heart Health

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




Iron Status

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




Digestive Health

- Anti-Tissue Transglutaminase Antibodies




Thyroid Health

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




Diabetes Health

- Glucose
- HbA1c
- Insulin



Liver Health



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



Pancreatic Health

- Pancreatic Amylase

Goes Well With:

Test	Sample Requirements	Product Code
Omega-3 Index Complete Includes Omega-3 index, Omega-6:Omega 3 ratio, AA:EPA ratio, AA, EPA & Trans Fat Index		OMEGA_6_3_COMPLETE
Calprotectin		CALP

Why add this on? Here's what our clinical team says;

Calprotectin can be used to identify gastrointestinal issues, particularly those relating to inflammatory bowel disease (IBD). Increased Calprotectin may suggest intestinal inflammation which can then warrant further investigatory testing.



SPECIALISED PANELS

Clinically selected combinations of analytes,
precisely targeting areas of the body or specific
disease states.



Biochemistry

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

Heart Health

Sample Requirements:



CODE: RP10



Heart Health

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

Iron Status

Sample Requirements:



CODE: RP9



Iron Status

Iron
Ferritin
Total Iron Binding Capacity
Transferrin
Transferrin Saturation

Kidney Health

Sample Requirements:



CODE: RP20



Kidney Health

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

Liver Health

Sample Requirements:



CODE: RP14



Liver Health

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

Extended Panel:

Test	Product Code
Kidney Health + Cystatin C and Uric Acid	RP12

Lipid Profile

Sample Requirements:



CODE: XLIPIDS



Lipid Profile

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

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

Prostate Profile

NEW

Sample Requirements:



CODE: A.TPSA

Prostate Health

Total Prostate Specific Antigen
Free Prostate Specific Antigen
Interleukin-8
Monocyte Chemotactic Protein-1
Epidermal Growth Factor
Prostate Cancer Risk Score

Why order our Prostate Profile panel? Here's what our clinical team says;

Our new prostate profile, designed by our R&D team and widely published, combines traditional TPSA and FPSA with a novel combination of serum markers. This innovative approach, helps triage patients into "low" and "high-risk" categories, allowing general practitioners to improve patient management in primary care and potentially reduce unnecessary, invasive, and costly treatments.

Pancreatic Health

Sample Requirements:



CODE: RP15



Pancreatic Health

Pancreatic Amylase
Lipase

Urinalysis

Sample Requirements:






CODE: RP13



Urinalysis

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

Biochemistry Most Popular Individual Tests

Test	Sample Requirements	Product Code
Calprotectin		CALP
Faecal Occult Blood		FOB_FIT_STOOL
Homocysteine		HOMO

Endocrinology

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

Endocrinology Plus

Sample Requirements:



CODE: RP23

Includes Panels Covered in Endocrinology:

Thyroid Health
Hormonal Health



Diabetes Health

HbA1c
Insulin

Stress

Cortisol
DHEA-S

Female Reproductive Health

Anti Mullerian Hormone (AMH)

Hormonal Health

Sample Requirements:



CODE: RP7

Hormonal Health

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

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

Endocrinology Most Popular Individual Tests

Test	Sample Requirments	Product Code
Free Testosterone		FREE_TESTOSTERONE
T3 Triiodothyronine		TT3
T4 Thyroxine		TT4
Beta Human Chorionic Gonadotropin (βHCG)		THCG_BETA
Anti Mullerian Hormone (AMH)		AMH

Immunology & Rheumatology

Muscle & Joint Health

Sample Requirements:



CODE: RP19

Muscle & Joint Health

Creatine Kinase
Uric Acid
Rheumatoid Factor
Lactate Dehydrogenase

Rheumatology

NEW

Sample Requirements:



CODE: RP25

Rheumatology

Anti-CCP
Rheumatoid Factor
Uric Acid
Erythrocyte Sedimentation Rate

Inflammation

NEW

Sample Requirements:



CODE: RP24

Inflammation

CRP
ESR
FBC
Ferritin

Extended Panel:

NEW

Test	Product Code
Rheumatology + Smooth Muscle Antibodies and Anti Nuclear Antibodies	RP27

Immunology & Rheumatology Most Popular Individual Tests

Test	Sample Requirments	Product Code
Anti-Cyclic Citrullinated Peptide Antibodies (CCP)		ANTI-CCP
Epstein-Barr Virus Antibodies (EBV VCA IgG, EBV VCA IgM, EBNA IgG)		EBVAB
Gastric Parietal Cell Antibodies		GAS_PC_AB
Herpes Simplex I/II Antibodies		HSV_ABS
Intrinsic Factor Antibodies		INT_FACTOR_ABS
Anti LKM Antibodies		LKM
Antimitochondrial Antibodies		AMA
Anti Neutrophil Cytoplasmic Antibodies (ANCA)		ANCA
Antinuclear Antibodies		ANTI_NUC_AB

Lifestyle & Nutrition

Digestive Health

Sample Requirements:



CODE: RP16

Digestive Health

H. Pylori

Anti-Tissue Transglutaminase Antibodies

Extended Panel:

NEW

Test	Product Code
Digestive Health + Calprotectin, QFIT - Faecal Occult Blood, Liver Health, Full Blood Count and Helicobacter Pylori Antigen Stool	RP26

Nutritional & Digestive Health

Sample Requirements:



CODE: RP1

Full Blood Count

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

Nutritional Health

Total Antioxidant Status
Albumin
Calcium (Adjusted)
Magnesium
Iron
Folic acid
Vitamin B12
Vitamin D
Zinc

Heart Health

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

Iron Status

Iron
Ferritin
Total Iron Binding Capacity
Transferrin
Transferrin Saturation

Digestive Health

H. Pylori
Anti-Tissue
Transglutaminase
Antibodies

Diabetes Health



Glucose
HbA1c
Insulin

Vitamins & Minerals







Sample Requirements:



CODE: RP5

 <p>Iron Status</p> <p>Iron Ferritin Total Iron Binding Capacity</p> <p>Transferrin Transferrin Saturation</p>	 <p>Nutritional Health</p> <p>Albumin Calcium (Adjusted) Magnesium Iron</p> <p>Folic acid Vitamin B12 Zinc Vitamin D</p>
--	--

Nutrition & Lifestyle Most Popular Individual Tests

Test	Sample Requirements	Product Code
Omega-3 Index (includes Omega-3 Index, Omega-6:Omega-3 ratio, AA:EPA ratio, Trans Fat Index)		OMEGA_6_3
Omega-3 Index Complete (includes Omega-3 index, Omega-6:Omega 3 ratio, AA:EPA ratio, AA, EPA, Trans fat index)		OMEGA_6_3_COMPLETE
Red Cell Folate		RED_CELL_FOLATE
Vitamin B12 (Active)		ACTB12
Tissue Transglutaminase IgA (Coeliac)		TTG_AB_IGA
Intrinsic Factor Antibodies		INT_FACTOR_ABS

Haematology

Anaemia Profile

Sample Requirements:



CODE: RP21

Anaemia Profile

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
Iron
Ferritin
Total Iron Binding Capacity
Transferrin
Transferrin Saturation
Folic Acid
Vitamin B12
High Sensitivity
C-Reactive Protein

Coagulation Screen

Sample Requirements:



CODE: COAG_SCREEN

Coagulation Screen

Inter Norm Ratio
Partial Thromboplastin Time
Fibrinogen
Prothrombin Time

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

Inflammation

NEW

Sample Requirements:



CODE: RP24

Inflammation

CRP
ESR
FBC
Ferritin

Haematology Most Popular Individual Tests

Test	Sample Requirments	Product Code
Blood Film		BLOOD_FILM
Blood Group		BLOOD_GROUP
D-dimer		DDIMER_LONG
Erythrocyte Sedimentation Rate		ESR
Glucose-6-phosphate dehydrogenase (G6PD)		G6PD
Prothrombin Time		PTB_TIME

SEXUAL HEALTH

Profiles designed to facilitate thorough screening for common sexually transmitted infections, enabling both detection and exclusion of infection.



STI TESTING GUIDANCE

Most STIs have an incubation following a sexual encounter meaning 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 the below 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 provide 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 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 offer 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 the STI_10PLEX panel, intended primarily for genital chancres, overt lesions, or specimens with purulent discharges. It is important to note 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, characterised 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 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.

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

Sample should be provided from the start of urine flow (first catch) and not within two hours of last urination. 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





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



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





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



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  

STI Blood Screen

Screen for multiple blood borne pathogens with the 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  and  

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  and  

Urine

Chlamydia trachomatis
Neisseria gonorrhoeae

Blood

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

STI Comprehensive

Urine

CODE: STI_COMPREHENSIVE_U



Swab



CODE: STI_COMPREHENSIVE_S









STI Routine Screen with Hep B

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

Sample Requirements:  or  and  



 Urine <i>Chlamydia trachomatis</i> <i>Neisseria gonorrhoeae</i>	 Blood HIV1&2/p24Ag Hepatitis B Surface Antigen
---	--







STI Routine Screen with Hep B	
Urine CODE: STI_ROUTINE_HEPB_U	  
Swab CODE: STI_ROUTINE_HEPB_S	  

STI Routine Screen with Syphilis

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

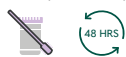
Sample Requirements:  or  and  

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


STI Routine Screen with Syphilis	
Urine CODE: STI_ROUTINE_SYPH_U	  
Swab CODE: STI_ROUTINE_SYPH_S	  

HPV DNA Screen

Sample Requirements:



CODE: HPV

 HPV DNA Screen Cervical screening for high risk strains of human papillomavirus (HPV) including; 16,18,45,31,33,35,39,51, 52,56,58,59,66,88. If HPV is detected, cervical cytology is included.
--

Hepatitis B Immunity

Sample Requirements:



CODE: HEPB_IMM

 Hepatitis B Immunity Hepatitis B Surface Antibody
--

MICROBIOLOGY

Microbiology investigations for detecting and identifying microorganisms, facilitating precise species identification and antimicrobial susceptibility testing.



Microbiology

Candida Culture

Sample Requirements:



CODE: CANDIDA_CULTURE



Swab culture test for identification of candida species. Antimicrobial susceptibility testing dependant on growth. Please specify site of swab when placing your order.

Culture & Sensitivities

Sample Requirements:



CODE: CULTURE



Swab culture test for identification of pathogens. Antimicrobial susceptibility testing performed to aid with administration of appropriate antibiotics for treatment; dependent on growth. Please specify site of swab when placing your order.

Gastrointestinal Panel (Stool PCR)

Identifies a broad range of bacterial, viral, and parasitic gastrointestinal pathogens using PCR. This replaces traditional culture methods.

Sample Requirements:



CODE: GASTRO_PCR



Includes;

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



Includes;

Pathogen
Urine Casts
Glucose



Ketones
pH
Protein

Red Blood Cells
Urobilinogen
White Blood Cells

Cough, Cold & Flu

NEW

PCR panel for respiratory tract infections screens for a total of 22 viral and bacterial pathogens.

Sample Requirements:  or  (72 HRS)

Cough, Cold & Flu

Influenza A
Influenza B
Human Respiratory Syncytial virus A
Human Respiratory Syncytial virus B
Human Parainfluenza Virus 1
Human Parainfluenza Virus 2
Human Parainfluenza Virus 3
Human Parainfluenza Virus 4
Human Enterovirus
A/B/C Human Adenovirus
A/B/C/D/E
Human Coronavirus 229E/
NL63
Human Coronavirus OC43/
HKU1
Human Bocavirus 1/2/3
Human Metapneumovirus
Chlamydia Pneumoniae
Legionella Pneumophila
Mycoplasma Pneumoniae
Streptococcus Pneumoniae
Bordetella Pertussis
Moraxella Catarrhalis
Haemophilus Influenzae
Human Rhinovirus A/B/C.

Cough, Cold & Flu

Sputum

CODE: COUGH_COLD_FLU



Swab

CODE: COUGH_COLD_FLU_SW



Why order the Cold, Cough & Flu panel? Here's what our clinical team says;

The Cough, Cold, and Flu panel is a quicker and more precise alternative to respiratory tract culturing, detecting both viruses and bacteria that routine cultures might miss. With a much quicker turnaround time, it's more sensitive, allowing clinicians to prescribe targeted treatments or reassure patients that their viral infection doesn't require antibiotics, thereby supporting antibiotic stewardship.

Urinary Tract Infection

NEW

Sample Requirements:



CODE: UTI_VIVA

Pathogens

Citrobacter freundii
Citrobacter koseri
Enterobacter cloacae
Escherichia coli
Enterococcus faecalis
Enterococcus faecium
Klebsiella aerogenes

Klebsiella oxytoca
Klebsiella pneumoniae
Morganella morganii
Pseudomonas aeruginosa
Providencia rettgeri
Providencia stuartii
Proteus spp.

Streptococcus agalactiae (GBS)
Staphylococcus aureus
Staphylococcus epidermidis
Serratia marcescens
Staphylococcus saprophyticus
Candida albicans



Resistance Markers

dfrA1
dfrA12
dfrA5
dfrA7&17
mecA
vanA
vanB

Why order the Urinary Tract Infection panel? Here's what our clinical team says;

The new UTI PCR panel detects common causes of UTI infections along with resistance genes, enabling targeted and rapid antibiotic treatment. As a first-line test, it provides results much faster than traditional culture, improving the time to appropriate treatment and avoiding the use of broad-spectrum antibiotics while waiting for culture results.

Microbiology Most Popular Individual Tests

Test	Sample Requirements	Product Code
Helicobacter Pylori Antigen Stool		HPA_STOOL
Quantiferon		TBQ_GOLD

GENETIC TESTS

Cutting-edge sequencing and PCR solutions to identify whether patients might have a predisposition or an elevated risk of developing specific conditions, including certain cancers.



A Complete Genetics Service

Simple Ordering



Use our Proprietary Ordering Software to Place Genetic Test Requests



Provide Patient and Family Issue



Add any Patient Notes

Complimentary Genetic Counselling Service



Speak to One of Our Trained Genetic Counsellors



Available for Pre and Post-Test Discussions



Simple Booking Process

What Is A Genetic Counsellor?

According to the UK Genetic Counsellor Registration Board, “**Genetic counsellors are clinical healthcare professionals**, skilled and trained in: calculating genetic risk, explaining inheritance patterns, ordering genomic testing, interpreting variants, arranging medical and/or diagnostic testing as well as testing of relatives, predicting risks of genetic disease, referring patients for appropriate disease screening and handling all the consequent psychosocial and ethical issues raised for individuals and their families.”



Comprehensive Clinical Reporting



Detailed Report Provided by Specialist Clinical Scientists



Clinical Interpretation and Guidance

Bespoke Integrations

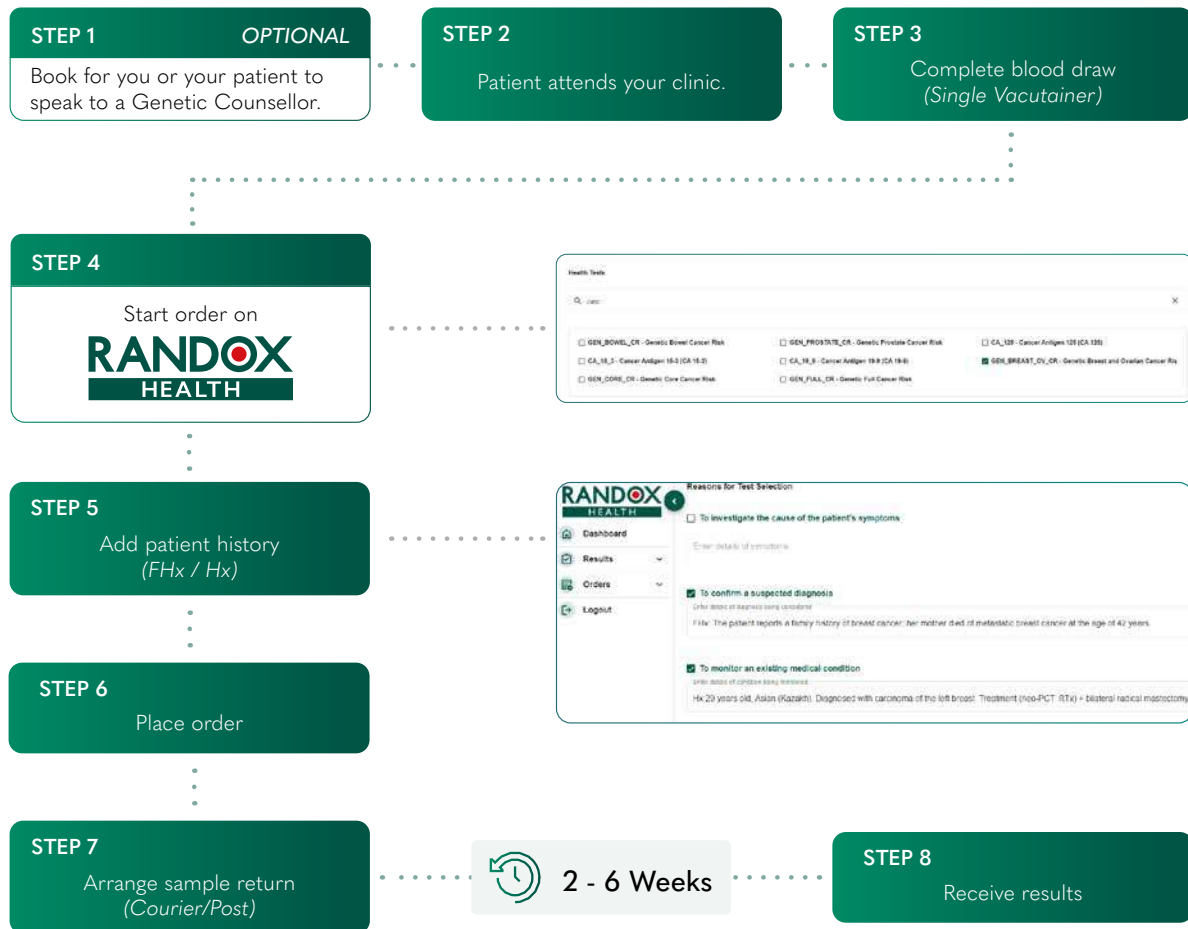


Large In-House IT Team able to Deliver Completely Bespoke Integrations

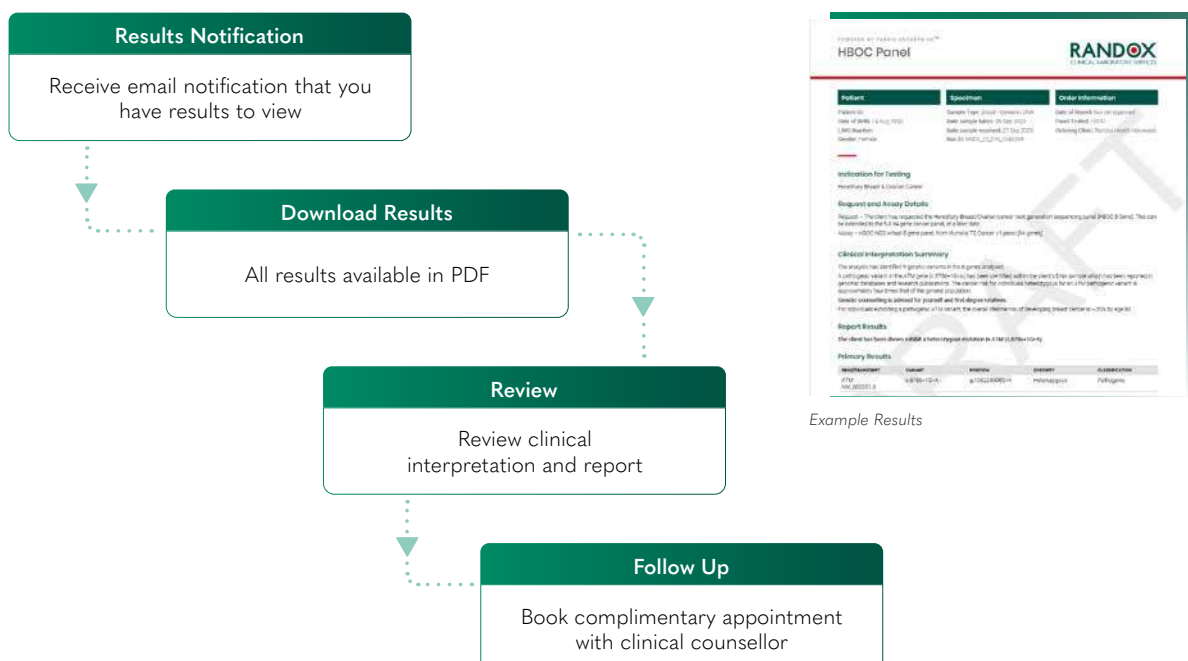


API, HL7 and NPEX Software Capabilities

Ordering: Our Pathways



Results – Our Pathways (Specialist Oncology)



What We Offer

Lifestyle And Nutritional Medicine



Lactose Intolerance



Nutrition & Lifestyle



Microbiome Testing

Diagnostic Work-Up



Genetic Coeliac
Disease Risk



Genetic Haemochromatosis



Familial
Hypercholesterolaemia (FH)

Specialist Oncology



Genetic Breast &
Ovarian Cancer Risk



Prostate Cancer
Risk Test



Core Cancer
Genetic Risk Test



Genetic Full
Cancer Risk



Genetic Bowel
Cancer Risk Test



Genetic Full
Cardiac Risk

Do I Need To Be A Specialist To Order These Tests?

No, you don't. Randox Health provide a clinical interpretation for every report which is written in a style even patients can understand. We also provide a free genetic counsellor service to discuss implications of results.



Lifestyle and Nutrition Medicine

Genetic Lactose Intolerance



CODE: GEN_LACTOSE



What is it?

C13910T and G22018A SNPs of the **MCM6 gene** associated with lactose intolerance.



When to order?

When patient experiences **gastrointestinal issues after eating products containing lactose**.

Turn Around Time



7 Days

Sample Matrix



EDTA (4ml)

Gene List

C13910T

G22018A

Nutrition & Lifestyle DNA



CODE: NGS_NUTRI



What is it?

Genotype significant variants that can provide you with the **knowledge to make nutritional, exercise, and lifestyle choices** that are better suited to your body, helping you prevent lifestyle diseases and keeping you performing to your athletic potential.



When to order?

Request to **optimise personalised nutritional/performance programmes** or when nutritional deficiencies are detected.

Turn Around Time



6 Weeks

Sample Matrix



EDTA (4ml)

Gene List

ACE	CYP2R1	MC4R
APOA2	TRPM6	SLC30A8
MCM6	SEP-15	TCF7L2
HLA-DQ2.5	CA1	ADD1
HLA-DQ8	LRP5	LDLR
TAS1R3	FADS1	APOB
TAS2R38	FADS2	CYP1A2
GNB3	MSTN	ADORA2A
BCOM1	ACTN3	CLOCK
TCN1	AGTR2	GABRA6
MTHFR	IL-6	HTR1B
SLC23A1	COL5A1	NPAS2
SLC23A2	CKM	
GC	FTO	

Microbiome Testing



CODE: NGS_MICROBIOME



What is it?

In depth shotgun sequencing and subsequent **analysis of the gut microbiome**, identifying over 30 biomarkers that play major roles in the health of the human gut microbiome.



When to order?

Request to **provide recommendations to changes in diet** that can be made to obtain a healthy gut microbiome or when experiencing gastrointestinal issues. Testing includes: overall gut diversity, 15 probiotic biomarkers, 9 potentially harmful bacteria, gut parasites, fungi, archaea, and viruses.

Turn Around Time



3-4 Weeks

Sample Matrix



Home
Collection Tube

Gene List

Bacterial Composition

The Firmicutes/Bacteroidetes (F/B) ratio
Microbiome weight gain conditions
Butyric acid producing bacteria
Bacteria that breakdown fibre
Bacteria with probiotic properties
Pathogenic bacteria
Hydrogen Sulphide producing Bacteria
Presence of Oxalate-degrading Bacteria

Viral Composition

Bacteriophages

Fungal Composition

Fungal Composition

Archaeal Composition

Archaeal Composition

Diagnostic Work Up



Genetic Coeliac Disease

CODE: GEN_COELIAC



What is it?

Genotyping for **HLA-DQ2.2, HLA-DQ2.5, and HLA-DQ8**, markers positive in up to 99.7% of all CD patients.



When to order?

HLA haplotypes for coeliac disease should be tested in individuals **exhibiting symptoms such as chronic diarrhoea, abdominal pain, bloating, fatigue**, as well as those with a family history of the disease.

Turn Around Time



7 Days

Sample Matrix



EDTA (4ml)

Gene List

HLA-DQ2

HLA-DQ8

Genetic Haemochromatosis



CODE: GEN_HFE



What is it?

Genotyping (by RT-PCR) of **3 SNPs within the HFE gene**, commonly associated with increased risk of developing haemochromatosis: C282Y, H63D and S65C.

Turn Around Time



7 Days

Sample Matrix



EDTA (4ml)

Gene List

HFE C282Y

HFE H63D

HFE S65C



When to order?

Patients of north European ancestry with **unexplained raised serum Ferritin** and **random Tsat** (>300 lg/l and >50% males; >200 lg/l and >40% females).

Familial Hypercholesterolaemia



CODE: GEN_FH_R



What is it?

Screens and **detects genetic variants in 5 genes** which may increase risk of FH.

Turn Around Time



6 Weeks

Sample Matrix



EDTA (4ml)

Gene List

APOB
APOE

LDLR
LDLRAP1

PCSK9



When to order?

Adults with **unexplained total cholesterol** of >7.5mmol/l or **LDL-C** >4.9 mmol/l and 1st/2nd degree relative with history of premature MI.

Genetic Full Cardiac Risk



CODE: GEN_CARDIAC_R



What is it?

This NGS deep sequencing screen offers a cost-effective way to **identify over 100 different genetic variants** that cause Inherited Cardiac Conditions.



When to order?

When evaluating patients with suspected or confirmed inherited cardiac conditions (ICCs). It is particularly **useful for individuals with a family history of cardiac conditions**, those presenting with unexplained cardiac symptoms, or in cases where the genetic basis of the condition is unclear.

Turn Around Time



6 Weeks

Sample Matrix



EDTA (4ml)

Gene List

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

Specialist Oncology

Genetic Breast & Ovarian Cancer Risk



CODE: GEN_BREAST_OV_CR



What is it?

Screens and detects genetic variants in 8 genes which may increase risk of breast and ovarian cancer.



When to order?

Patient has been diagnosed with breast or ovarian cancer, where there is a family history of breast or ovarian cancer, or where there is Ashkenazi Jewish ancestry.

Turn Around Time



6 Weeks

Sample Matrix



EDTA (4ml)

Gene List

ATM
BRCA1
BRCA2

CDH1
CHEK2
PALB2

PTEN
TP53

Core Cancer Genetic Risk Test



CODE: GEN_CORE_CR



What is it?

Comprehensively screens and detects genetic variants in 29 genes which may increase risk of common cancers eg. breast, bowel, prostate and ovarian cancer.



When to order?

To be requested where the patient has been diagnosed with cancer, where there is a family history of common cancer types, where no previous variants were detected on a smaller gene panel, or where there is family history of a variant within one of the included genes.

Turn Around Time



6 Weeks

Sample Matrix



EDTA (4ml)

Gene List

ATM
APC
ATM
BMPRI1A
BRCA1
BRCA2
CDKN2A
CHEK2
FLCN
MEN1

MET
MLH1
MSH2
MSH6
MUTYH
NBN
PALB2
PMS1
PMS2
PTEN

RAD51C
RAD51D
RB1
RET
SMAD4
STK11
TP53
TSC1
TSC2
VHL

Genetic Bowel Cancer



CODE: GEN_BOWEL_CR



What is it?

Screens and detects genetic variants in 11 genes which may increase risk of bowel cancer/Lynch Syndrome.



When to order?

To be requested where the patient has been diagnosed with bowel cancer/ Lynch-related cancer or where there is a family history of bowel cancer or Lynch Syndrome.

Turn Around Time



6 Weeks

Sample Matrix



EDTA (4ml)

Gene List

<i>APC</i>	<i>MSH2</i>	<i>PTEN</i>
<i>BMPRI1</i>	<i>MSH6</i>	<i>SMAD4</i>
<i>EPCAM</i>	<i>MUTYH</i>	<i>STK11</i>
<i>MLH1</i>	<i>PMS2</i>	

Genetic Prostate Cancer



CODE: GEN_PROSTATE_CR



What is it?

Screens and detects genetic variants in 14 genes which may increase risk of prostate cancer.



When to order?

To be requested where the patient has been diagnosed with prostate cancer, where there is a family history of prostate cancer, or where there is Ashkenazi Jewish ancestry.

Turn Around Time



6 Weeks

Sample Matrix



EDTA (4ml)

Gene List

<i>ATM</i>	<i>HOXB13*</i>	<i>PALB2</i>
<i>BRCA1</i>	<i>MLH1</i>	<i>PMS2</i>
<i>BRCA2</i>	<i>MSH2</i>	<i>RAD51D</i>
<i>CHEK2</i>	<i>MSH6</i>	<i>TP53</i>
<i>EPCAM</i>	<i>NBN</i>	

*Reporting restricted to HOXB13 missense variant G84E (rs138213197)

Genetic Full Cancer Risk



CODE: GEN_FULL_CR



What is it?


Comprehensively screens and detects genetic variants in **94 genes** which may increase risk of both common and rare cancers.



When to order?


To be requested where the patient has been diagnosed with cancer, **where there is a family history of common/rare cancer types**, where no previous variants were detected on a smaller gene panel, or where there is family history of a variant within one of the included genes.

Turn Around Time



6 Weeks

Sample Matrix



EDTA (4ml)

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



INDEX

Index of all tests available including additional individual tests.

Sample Requirement Key



SST (8.5ml)



Lithium Heparin (4.5ml)



EDTA (4ml)



Citrate (2.7ml)



Sterile Urine Container



FLOQSwab in eNAT tube



Stool Container










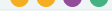







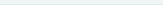



Culture Swab











ThinPrep Collection
Swab & Vial



Sterile Container

HEALTH SCREENS					
Panel	Code	Sample Requirements	TAT	Stability	Page
Acute Med 1	HSC3		Next Day	<8 Hours	8
Acute Med 2	HSC4		Next Day	<8 Hours	8
Advanced GP2	HSC8F/M		72 Hours	<8 Hours	11
Advanced GP3	HSC9F/M		72 Hours	<8 Hours	12
Anaemia Profile	RP21		Next Day	<8 Hours	14
Basic Screen	HSC5		Next Day	<8 Hours	10
Fertility Panel ♂♀	HSC14		Next Day	<8 Hours	16
Fertility Panel ♂♀ + AMH	HSC14AMH		Next Day	<8 Hours	16
Fertility Panel ♂♀ + Standard Urine or Swab based CT/NG	HSC14CTNG		48 Hours	<8 Hours	16
Lifestyle Screen	HSC13		Next Day	<8 Hours	9
Lipids & HBA1C	HSC2		Next Day	<24 Hours	9
Long COVID	HSC11		72 Hours	<8 Hours	14
Nutritional Health	HSC15		48 Hours	<8 Hours	17
Sports Performance	HSC12		48 Hours	<8 Hours	15
Standard Screen	HSC6		Next Day	<8 Hours	10
Standard Screen Plus	HSC7F/M		Next Day	<8 Hours	11
Standard Screen Plus + Folic Acid & Vitamin B12	WIN1F/M		Next Day	<8 Hours	11
Standard Screen Plus + Hormonal Health	HSC7F/M_RP7		Next Day	<8 Hours	11
Tired All The Time	HSC10		48 Hours	<8 Hours	13

SPECIALISED PANELS					
Panel	Code	Sample Requirements	TAT	Stability	Page
Bone Health	RP18		Next Day	<8 Hours	20
Coagulation Screen	COAG_SCREEN		48 Hours	<8 Hours	29
Diabetes Status	RP6		Next Day	<8 Hours	23
Digestive Health	RP16		48 Hours	<8 Hours	27
Digestive Health Extended	RP26		72 Hours	<8 Hours	27
Endocrinology	RP22		Next Day	<24 Hours	24
Endocrinology Plus	RP23		Next Day	<24 Hours	24
Extended Kidney Health	RP12		Next Day	<8 Hours	20
Full Blood Count	HSC1		Next Day	<36 Hours	29
Heart Health	RP10		Next Day	<8 Hours	22
Hormonal Health	RP7		Next Day	<24 Hours	24
Inflammation	RP24		48 Hours	<8 Hours	26, 29
Iron Status	RP9		Next Day	<8 Hours	20
Kidney Health	RP20		Next Day	<8 Hours	20
Lipid Profile	XLIPIDS		Next Day	<24 Hours	23
Liver Health	RP14		Next Day	<24 Hours	20
Metabolic Syndrome	RP11		48 Hours	<8 Hours	22
Metabolic Syndrome Extended	RP3		48 Hours	<8 Hours	22
Muscle & Joint Health	RP19		Next Day	<8 Hours	26
Nutritional & Digestive Health	RP1		48 Hours	<8 Hours	27
Pancreatic Health	RP15		Next Day	<8 Hours	21
Prostate Profile	A.TPSA		72 Hours	<8 Hours	21

SPECIALISED PANELS CONTINUED

Panel	Code	Sample Requirements	TAT	Stability	Page
Rheumatology	RP25	●	48 Hours	<8 Hours	26
Rheumatology Extended	RP27	●	96 Hours	<8 Hours	26
Stress	RP8	●	Next Day	<8 Hours	24
Testosterone Monitoring	RP17	●	Next Day	<24 Hours	25
Thyroid	RP4	●	Next Day	<24 Hours	25
Urinalysis	RP13	●	Next Day	<48 Hours	21
Vitamins and Minerals	RP5	● ● ●	Next Day	<8 Hours	28

SEXUAL HEALTH

Test Name	Code	Sample Requirements	TAT	Stability	Page
Hepatitis B Immunity (HEP B Surface Antibody)	HEPB_IMM	●	48 Hours	<8 Hours	35
HPV DNA Screen	HPV	●	48 Hours	2 Weeks	35
Quick Swab Based 10-Plex	STI_10PLEX_Q_S	●	Same Day	<24 Hours	33
Quick Swab Based CT/NG	STI_CTNG_Q_S	●	Same Day	<24 Hours	33
Quick Urine Based 10-Plex	STI_10PLEX_Q_U	●	Same Day	<24 Hours	33
Quick Urine Based CT/NG	STI_CTNG_Q_U	●	Same Day	<24 Hours	33
Standard Swab Based 10-Plex	STI_10PLEX_S	●	Next Day	<24 Hours	33
Standard Swab Based CT/NG	STI_CTNG_S	●	Next Day	<24 Hours	33
Standard Urine Based 10-Plex	STI_10PLEX_U	●	Next Day	<24 Hours	33
Standard Urine Based CT/NG	STI_CTNG_U	●	Next Day	<24 Hours	33
STI Blood Screen	STI_BLOOD	●	Next Day	<24 Hours	34
STI Complete (Swab)	STI_COMPLETE_S	● ●	48 Hours	<24 Hours	34
STI Complete (Urine)	STI_COMPLETE_U	● ●	48 Hours	<24 Hours	34
STI Comprehensive (Swab)	STI_COMPREHENSIVE_S	● ●	Next Day	<24 Hours	34
STI Comprehensive (Urine)	STI_COMPREHENSIVE_U	● ●	Next Day	<24 Hours	34
STI Routine Screen with Hep B (Swab)	STI_ROUTINE_HEPB_S	● ●	Next Day	<24 Hours	35
STI Routine Screen with Hep B (Urine)	STI_ROUTINE_HEPB_U	● ●	Next Day	<24 Hours	35
STI Routine with Syphilis (Swab)	STI_ROUTINE_SYPH_S	● ●	Next Day	<24 Hours	35
STI Routine with Syphilis (Urine)	STI_ROUTINE_SYPH_U	● ●	Next Day	<24 Hours	35

MICROBIOLOGY

Test Name	Code	Sample Requirements	TAT	Stability	Page
Candida Culture	CANDIDA_CULTURE	●	72 Hours	<24 Hours	38
Cough, Cold, Flu (Sputum)	COUGH_COLD_FLU	●	72 Hours	<24 Hours	39
Cough, Cold, Flu (Swab)	COUGH_COLD_FLU_SW	●	72 Hours	<24 Hours	39
Culture & Sensitivities	CULTURE	●	72 Hours	<24 Hours	38
Gastrointestinal Panel (Stool PCR)	GASTRO_PCR	●	72 Hours	<5 Days	38
Urine Microscopy & Culture	URINE_MICRO	●	72 Hours	<24 Hours	38
Urinary Tract Infection	UTI_VIVA	●	Next Day 11am	<7 Days	39

GENETIC TESTS					
Test Name	Code	Sample Requirements	TAT	Stability	Page
Genetic Bowel Cancer	GEN_BOWEL_CR	●	<6 Weeks	<96 Hours	49
Genetic Breast and Ovarian Cancer Risk	GEN_BREAST_OV_CR	●	<6 Weeks	<96 Hours	48
Genetic Coeliac Disease	GENETIC_COELIAC	●	<7 Days	<96 Hours	46
Genetic Core Cancer Risk	GEN_CORE_CR	●	<6 Weeks	<96 Hours	48
Genetic Familial Hypercholesterolaemia Risk	GEN_FH_R	●	<6 Weeks	<96 Hours	47
Genetic Full Cancer Risk	GEN_FULL_CR	●	<6 Weeks	<96 Hours	50
Genetic Full Cardiac Risk	GEN_CARDIAC_R	●	<6 Weeks	<96 Hours	51
Genetic Haemochromatosis	GEN_HFE	●	<7 Days	<96 Hours	47
Genetic Lactose Intolerance	GENETIC_LACTOSE	●	<7 Days	<96 Hours	45
Genetic Prostate Cancer Risk	GEN_PROSTATE_CR	●	<6 Weeks	<96 Hours	49
Microbiome Testing	NGS_MICROBIOME	●	<4 Weeks	<96 Hours	46
Nutrition and Lifestyle DNA	NGS_NUTRI	●	<6 weeks	<96 Hours	45

INDIVIDUAL TESTS				
Test Name	Code	Sample Requirements	TAT	Stability
Active B12	ACTB12	●	Next Day	<8 Hours
Adiponectin	ADNP	●	48 Hours	<8 Hours
Alanine Aminotransferase	ALT	●	Next Day	<24 Hours
Albumin	ALB	●	Next Day	<24 Hours
Aldolase	ALDOLASE	●	Next Day	<8 Hours
Alkaline Phosphatase	ALP_AMP	●	Next Day	<24 Hours
Alpha-Fetoprotein	AFP	●	Next Day	<8 Hours
Anti-CCP Antibodies	ANTI-CCP	●	Next Day	<8 Hours
Anti-Müllerian Hormone	AMH	●	Next Day	<8 Hours
Antinuclear Antibodies	ANTI_NUC_AB	●	48 Hours	<8 Hours
Antistreptolysin O	ASO	●	Next Day	<24 Hours
Anti-Thyroglobulin Antibody	TGA	●	Next Day	<24 Hours
Anti-Thyroid Peroxidase Antibody	ATA	●	Next Day	<24 Hours
Anti LKM Antibodies	LKM	●	96 Hours	<8 Hours
Antimitochondrial Antibodies	AMA	●	96 Hours	<8 Hours
Anti Neutrophil Cytoplasmic Antibodies (ANCA)	ANCA	●	96 Hours	<8 Hours
Apolipoprotein A-I	APO_A1	●	Next Day	<8 Hours
Apolipoprotein B	APO_B	●	Next Day	<8 Hours
Apolipoprotein CII	APO_CII	●	Next Day	<8 Hours
Apolipoprotein CIII	APO_CIII	●	Next Day	<8 Hours
Apolipoprotein E	APO_E	●	Next Day	<8 Hours
Aspartate Aminotransferase	AST	●	Next Day	<24 Hours
Beta Human Chorionic Gonadotropin	THCG_BETA	●	Next Day	<8 Hours
Beta-2-Microglobulin	B2MGB	●	Next Day	<8 Hours
Bicarbonate	LCO2	●	Next Day	<8 Hours
Bile Acids	BILE	●	Next Day	<8 Hours
Blood Film	BLOOD_FILM	●	48 Hours	<8 Hours

INDIVIDUAL TESTS				
Test Name	Code	Sample Requirements	TAT	Stability
Blood Group	BLOOD_GROUP	●	48 Hours	<36 Hours
C-peptide	CPEP	●	Next Day	<8 Hours
C-Reactive Protein	CRP	●	Next Day	<24 Hours
Calcitonin	CALC	●	Next Day	<8 Hours
Calcium (Adjusted)	CA_ADJ	●	Next Day	<24 Hours
Calprotectin	CALP	●	48 Hours	<7 Days
Cancer Antigen 125	CA_125	●	Next Day	<24 Hours
Cancer Antigen 15-3	CA_15_3	●	Next Day	<8 Hours
Cancer Antigen 19-9	CA_19_9	●	Next Day	<8 Hours
Candida Culture	CANDIDA_CULTURE	●	72 Hours	<24 Hours
Carcinoembryonic Antigen	CEA	●	Next Day	<8 Hours
Chloride	CL	●	Next Day	<24 Hours
Coagulation Screen	COAG_SCREEN	●	48 Hours	<8 Hours
Complement Component 3	C3	●	Next Day	<8 Hours
Complement Component 4	C4	●	Next Day	<24 Hours
Copper	CU	●	Next Day	<8 Hours
Cortisol	CORTISOL	●	Next Day	<8 Hours
Creatine Kinase	CK_NAC	●	Next Day	<24 Hours
Creatine Kinase-MB	CKMB	●	Next Day	<8 Hours
Creatinine	CREA	●	Next Day	<24 Hours
Culture & Sensitivities	CULTURE	●	72 Hours	<24 Hours
Cystatin C	CYSC	●	Next Day	<24 Hours
D-dimer	D-DIMER_LONG	●	48 Hours	<4 Hours
Dehydroepiandrosterone Sulphate	DHEAS	●	Next Day	<8 Hours
Direct Bilirubin	DBIL	●	Next Day	<8 Hours
Epidermal Growth Factor	EGF	●	72 Hours	<1 Hours
Epstein-Barr Virus Antibodies	EBVAB	●	48 Hours	<8 Hours
Erythrocyte Sedimentation Rate	ESR	●	48 Hours	<8 Hours
Faecal Occult Blood (FIT)	FOB_FIT_STOOL	●	48 Hours	<7 Days
E-Selectin	ESEL	●	72 Hours	<1 Hours
Ferritin	FERRITIN	●	Next Day	<24 Hours
Folic acid	FOL	●	Next Day	<24 Hours
Follicle Stimulating Hormone	FSH	●	Next Day	<24 Hours
Free Prostate Specific Antigen	FPSA	●	Next Day	<8 Hours
Free Thyroxine	FT4	●	Next Day	<24 Hours
Free Tri-iodothyronine	FT3	●	Next Day	<24 Hours
Fructosamine	FRUCTOSAMINE	●	Next Day	<2 Hours
G6PD	G6PD	●	48 Hours	<8 Hours
Gamma-Glutamyltransferase	GGT	●	Next Day	<24 Hours
Gastric Parietal Cell Antibodies	GAS_PC_AB	●	48 Hours	<8 Hours
Gastrin	GAS	●	Next Day	<2 Hours
Globulin	GLOB	●	Next Day	<8 Hours
Glucose	GLUCOSE	●	Next Day	<8 Hours
Glutamate Dehydrogenase	GLDH	●	Next Day	<2 Hours

INDIVIDUAL TESTS				
Test Name	Code	Sample Requirements	TAT	Stability
Glutathione Reductase	GLUTATHIONE_REDUCTAS	●	Next Day	<2 Hours
Granulocyte Macrophage Colony Stimulating Factor	GMCSF	●	Next Day	<1 Hour
H. Pylori	HPYL	●	Next Day	<8 Hours
Haptoglobin	HAPT	●	Next Day	<2 Hours
HbA1c	HBA1_NEW	●	Next Day	<7 Days
HDL	HDL_CHOL	●	Next Day	<24 Hours
Heart-type Fatty Acid Binding Protein	FABP	●	48 Hours	<8 Hours
Helicobacter Pylori Ag Stool	HPA_STOOL	●	48 Hours	<7 Days
Hepatitis A Antibodies	AHAVIGM	●	Next Day	<24 hours
Hepatitis B Immunity	HEPB_IMM	●	48 Hours	<8 Hours
Hepatitis B Surface Antigen	HBSAG2	●	Next Day	<24 hours
Hepatitis C Antibodies	AHCV2	●	Next Day	<24 hours
Herpes Simplex I/II Antibodies	HSV_ABS	●	48 Hours	<8 Hours
High Sensitivity C-Reactive Protein	CRP	●	Next Day	<24 Hours
HIV1 & 2 Abs/p24 Ag	HIVDUO	●	Next Day	<24 hours
Homocysteine	HOMO	●	Next Day	<1 Hour
HPV DNA Screen	HPV	●	48 Hours	<2 Weeks
Human Epididymis Protein 4	HE4	●	Next Day	<8 Hours
Immunoglobulin A	IGA	●	Next Day	<24 Hours
Immunoglobulin E	IGE	●	Next Day	<24 Hours
Immunoglobulin G	IGG	●	Next Day	<24 Hours
Immunoglobulin M	IGM	●	Next Day	<24 Hours
Insulin	INS	●	Next Day	<8 Hours
Insulin-like Growth Factor-1	IGF1	●	Next Day	<8 Hours
Intercellular Cell Adhesion Molecule-1	ICAM	●	48 Hours	<1 Hour
Interleukin-10	IL10	●	48 Hours	<1 Hour
Interleukin-12p70 subunit	IL12	●	48 Hours	<1 Hour
Interleukin-13	IL13	●	48 Hours	<1 Hour
Interleukin-15	IL15	●	48 Hours	<1 Hour
Interleukin-1α	IL1A	●	48 Hours	<1 Hour
Interleukin-1β	IL1B	●	48 Hours	<1 Hour
Interleukin-2	IL2	●	48 Hours	<1 Hour
Interleukin-23	IL23	●	48 Hours	<1 Hour
Interleukin-3	IL3	●	48 Hours	<1 Hour
Interleukin-4	IL4	●	48 Hours	<1 Hour
Interleukin-5	IL5	●	48 Hours	<1 Hour
Interleukin-6	IL6	●	48 Hours	<8 Hours
Interleukin-7	IL7	●	48 Hours	<1 Hour
Interleukin-8	IL8	●	48 Hours	<1 Hour
Intrinsic Factor Antibodies	INT_FACTOR_ABS	●	48 Hours	<8 Hours
Iron	FE	●	Next Day	<8 Hours
Lactate Dehydrogenase	LDH	●	Next Day	<4 Hours
LDL	LDL_CHOL	●	Next Day	<24 Hours
Leptin	LEP	●	Next Day	<8 Hours

INDIVIDUAL TESTS				
Test Name	Code	Sample Requirements	TAT	Stability
Lipase	LIP	●	Next Day	<8 Hours
Lipoprotein (a)	LPA	●	Next Day	<8 Hours
L-Selectin	LSEL	●	72 Hours	<1 Hour
Luteinising Hormone	LH	●	Next Day	<24 Hours
Macrophage Inflammatory Protein - 1a	MIP1A	●	72 Hours	<1 Hour
Magnesium	MG	●	Next Day	<24 Hours
Matrix Metalloproteinase-9	MMP9	●	72 Hours	<1 Hour
Microalbumin / Creatinine Ratio	MCR	●	Next Day	<24 Hours
Monocyte Chemotactic Protein-1	MCP	●	72 Hours	<1 Hour
Myoglobin	MYO	●	Next Day	<8 Hours
Neuron Specific Enolase	NSE	●	48 Hours	<1 Hour
Neutrophil Gelatinase-Associated Lipocalin	NGAL	●	48 Hours	<1 Hour
Non-Esterified Fatty Acids	NEFA	●	Next Day	<4 Hours
Oestradiol	EST	●	Next Day	<24 Hours
Omega 3 Index	OMEGA_6_3	●	96 Hours	<7 Days
Omega 3 Index Complete	OMEGA_6_3_COMPLETE	●	96 Hours	<7 Days
Pancreatic Amylase	PAMY	●	Next Day	<8 Hours
Parathyroid Hormone	PTH	●	Next Day	<8 Hours
Phosphate	PHOS	●	Next Day	<8 Hours
Potassium	K	●	Next Day	<7 Hours
Pro-BNP	NT-PROBNP	●	Next Day	<8 Hours
Progesterone	PROG	●	Next Day	<24 Hours
Prolactin	PRL	●	Next Day	<24 Hours
Prothrombin Time	PTB_TIME	●	48 Hours	<4 Hours
Quantiferon	TBQ_GOLD	●	72 Hours	<8 Hours
Red Cell Folate	RED_CELL_FOLATE	●	Next Day	<24 Hours
P-Selectin	PSEL	●	48 Hours	<1 Hour
Resistin	RES	●	Next Day	<8 Hours
Rheumatoid Factor	RF	●	Next Day	<24 Hours
Sex Hormone Binding Globulin	SHBG	●	Next Day	<24 Hours
Small LDL Cholesterol	SLDL	●	Next Day	<24 Hours
Smooth Muscle Antibodies	ASMO	●	96 Hours	<8 Hours
Sodium	NA	●	Next Day	<24 Hours
Soluble IL-2 Receptor a	IL2RA	●	48 Hours	<1 Hour
Soluble IL-6 Receptor	IL6R	●	48 Hours	<1 Hour
Soluble Tumour Necrosis Factor Receptor I	TNFR1	●	48 Hours	<1 Hour
Soluble Tumour Necrosis Factor Receptor II	TNFR2	●	48 Hours	<1 Hour
Syphilis Antibodies (IgG/IgM)	SYPHILIS_BLOOD	●	Next Day	<24 Hours
T3 Triiodothyronine	TT3	●	Next Day	<8 Hours
T4 Thyroxine	TT4	●	Next Day	<8 Hours
Testosterone	TEST	●	Next Day	<24 Hours
Thyroid Stimulating Hormone	TSH	●	Next Day	<24 Hours
Tissue Transglutaminase IgA (Coeliac)	TTG_AB_IGA	●	48 Hours	<8 Hours
Total Antioxidant Status	TAS	●	Next Day	<8 Hours

INDIVIDUAL TESTS				
Test Name	Code	Sample Requirements	TAT	Stability
Total Bilirubin	T_BIL	●	Next Day	<24 Hours
Total Cholesterol	CHOL	●	Next Day	<24 Hours
Total Iron Binding Capacity	TIBC	●	Next Day	<24 Hours
Total Prostate Specific Antigen	TPSA	●	Next Day	<24 Hours
Total Protein	TP	●	Next Day	<8 Hours
Transferrin	TF	●	Next Day	<24 Hours
Triglycerides	TRIGLYCERIDES	●	Next Day	<24 Hours
Troponin T	TNT	●	Next Day	<8 Hours
Tumour Necrosis Factor α	TNFA	●	72 Hours	<8 Hours
Urea	UREA	●	Next Day	<24 Hours
Uric Acid	URIC_ACID	●	Next Day	<8 Hours
Urinalysis	XURINALYSIS	●	Next Day	<48 Hours
Urine Microscopy & Culture	URINE_MICRO	●	72 Hours	<24 Hours
Vascular Cell Adhesion Molecule-1	VCAM	●	72 Hours	<1 Hour
Vascular Endothelial Growth Factor	VEGF	●	72 Hours	<1 Hour
Vitamin B12	VITB12	●	Next Day	<24 Hours
Vitamin D	25OH_VITD	●	Next Day	<24 Hours
Zinc	ZN	●	Next Day	<8 Hours
Zika Antibodies IgG & IgM	ZIKA_AB_IGG_IGM	●	48 Hours	<8 Hours

Notes

Notes

Our Network.

Randox Clinics & Laboratories Throughout the UK & Ireland



England

London

Canary Wharf
Chiswick
Croydon
Fulham
Kensington
Marylebone / GPS
St. Paul's
King's Road
Westfield Stratford City

Liverpool

Manchester
Warrington
Birmingham
Dunstable
Chichester
Newcastle
Brighton

Southampton
Bristol
Oxford
Cambridge
Leeds
Swindon

Scotland

Edinburgh
Glasgow
Dundee
Aberdeen

Wales

Cardiff

Northern Ireland

Belfast
Holywood
Crumlin
Derry/Londonderry
Coleraine
Newry
Omagh
Enniskillen

Ireland

Dublin
Galway
Limerick
Wexford
Waterford
Cork
Letterkenny
Drogheda
Sligo
Kilkenny

Accreditation.

Testing is conducted in partnership with ISO/IEC:15189 accredited laboratory, Randox Clinical Laboratory Services, UKAS Lab ID 9329 or approved third party provider.

Contact.

randoxhealth.com | medical.accounts@randoxhealth.com

Information correct at time of print.