



Laboratory Guide 2025

Health Screens

Acute Med 1

HSC3

£65

Essential clinical chemistry biomarkers to quickly identify illness in patients

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

Heart Health

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

Liver Health

Alkaline Phosphatase
Alanine Aminotransferase
Aspartate Transferase
Gamma-glutamyl Transferase
Total Bilirubin
Albumin

Kidney Health

Creatinine
eGFR
Chloride
Calcium (Adjusted)
Potassium*
Phosphate
Sodium
Urea

Bone Health

Alkaline Phosphatase
Calcium (Adjusted)
Phosphate

Diabetes Health

Glucose
HbA1c

Acute Med 2

HSC4

£85

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

Includes Panels Covered in Acute Med 1:

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



Urinalysis

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

Muscle & Joint Health

Creatine Kinase
Uric Acid

Diabetes Health

Glucose
HbA1c

Iron Status

Ferritin
Iron
Total Iron Binding Capacity
Transferrin
Transferrin Saturation

Lifestyle Screen

HSC13

£100

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

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

Health Screens

Lipids HbA1c

HSC2

£35

Quickly screen for basic diabetic and cardiovascular risk in patients.

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

Basic Screen

HSC5

£42

Find the baseline health of your patients.

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

Kidney Health

Creatinine
eGFR
Chloride
Potassium*
Phosphate
Sodium
Urea

Heart Health

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

Liver Health

Alkaline Phosphatase
Alanine Aminotransferase
Aspartate Transferase
Gamma-glutamyl Transferase
Total Bilirubin
Albumin

Diabetes Health

Glucose

Standard Screen

HSC6

£100

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

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

Diabetes Health

Glucose
HbA1c

Iron Status

Ferritin

Bone Health

Alkaline Phosphatase
Calcium (Adjusted)
Phosphate
Vitamin D

Health Screens

Standard Screen Plus

HSC7F/M

£125

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

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:

Standard Screen Plus + Folic Acid and Vitamin B12

WIN1F/M

£140

Standard Screen Plus + Hormonal Health

HSC7F/M_RP7

£160

Advanced GP2

HSC8F/M

£165

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

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

Nutritional Health

Calcium (Adjusted)
Albumin
Iron
Vitamin D
Magnesium

Diabetes Health

Glucose
HbA1c
Insulin
C-Peptide

Kidney Health

Cystatin C
Magnesium
Uric Acid

Muscle & Joint Health

Uric Acid

Iron Status

Ferritin
Iron
TIBC
Transferrin
Transferrin Saturation

Metabolic Syndrome

Leptin
Adiponectin
Resistin

Infection & Inflammation

C-Reactive Protein

Health Screens

Advanced GP3

HSC9M/F

£290

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

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



Female Hormonal Health

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

Infection & Inflammation

C-Reactive Protein
Albumin
Complement Component 3
Complement Component 4
Ferritin
Immunoglobulin A
Immunoglobulin G
Immunoglobulin M
Anti-streptolysin O

Male Hormonal Health

Testosterone
Sex Hormone Binding Globulin
Free Androgen Index

Nutritional Health

Folic Acid
Vitamin B12
Total Antioxidant Status

Muscle & Joint Health

Creatine Kinase
Uric Acid
Rheumatoid Factor

Pancreatic Health

Pancreatic Amylase
Lipase

Bone Health

Parathyroid Hormone

Allergy Evaluation

Immunoglobulin E

Digestive Health

H. Pylori
Anti-Tissue
Transglutaminase
Antibodie

Goes Well With:

Nutrition & Lifestyle DNA

NGS_NUTRI

£235

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

Our 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.

Health Screens

Tired All The Time

HSC10

£135

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

Full Blood Count	Kidney Health	Nutritional Health	Thyroid Health
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	Creatinine eGFR Chloride Potassium* Phosphate Sodium Urea Cystatin C Magnesium	Calcium (Adjusted) Albumin Iron Folic Acid Vitamin B12 Vitamin D	Thyroid Stimulating Hormone Free Tri-iodothyronine Free Thyroxine Anti-Thyroglobulin Antibody Anti-Thyroid Peroxidase Antibody
	Bone Health	Iron Status	Diabetes Health
	Alkaline Phosphate	Ferritin Iron Total Iron Binding Capacity Transferrin Transferrin Saturation	Glucose HbA1c Insulin C-Peptide
	Infection & Inflammation		
	Alkaline Phosphate		

Long Covid

HSC11

£85

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

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

Health Screens

Anaemia Profile

RP21

£102

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

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

Health Screens

Sports Performance

HSC12

£210

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

Full Blood Count	Heart Health	Urinalysis	Kidney Health
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	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	Bilirubin Glucose Ketones Nitrite pH Protein Red Blood Cells Urobilinogen White Blood Cells	Creatinine eGFR Calcium (Adjusted) Chloride Magnesium Phosphate Potassium* Sodium Urea Uric Acid
Nutritional Health	Liver Health	Iron Status	Muscle & Joint Health
Total Antioxidant Status Folic acid Vitamin B12 Vitamin D	Alanine Aminotransferase Alkaline Phosphatase Aspartate Transferase Gamma-glutamyl Transferase Total Bilirubin Albumin Ferritin	Ferritin Iron Total Iron Binding Capacity Transferrin Transferrin Saturation	Creatine Kinase CK-MB Myoglobin
Thyroid Health	Male Hormonal Health	Female Hormonal Health	Bone Health
Thyroid Stimulating Hormone Free Tri-iodothyronine FT3 Free Thyroxine FT4	Testosterone Sex Hormone Binding Globulin Free Androgen Index	Luteinising Hormone Testosterone Sex Hormone Binding Globulin Free Androgen Index	Alkaline Phosphatase Calcium (Adjusted) Phosphate Vitamin D
Stress Health	Diabetes Health	Infection & Inflammation	
Cortisol DHEA-S	Glucose HbA1c	C-Reactive Protein	

Goes Well With:

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

£89

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.

Health Screens

Fertility Panel

HSC14

£125

Rule out common differential diagnoses associated with difficulty conceiving.

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

Extended Panel:

Fertility Panel + AMH

HSC14AMH

£175

Fertility Panel + Standard Urine or Swab based CT/NG

HSC14CTNG

£140

Health Screens

Nutritional Health

HSC15

£215

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.

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:

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

£90

Calprotectin

CALP

£77

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 | Biochemistry

Bone Health

Bone Health

RP18

£82

Alkaline Phosphatase
Calcium (Adjusted)
Phosphate
Vitamin D
Parathyroid Hormone

Diabetes Status

Diabetes Health

RP6

£38

Glucose
HbA1c
Insulin
C-peptide

Heart Health

Heart Health

RP10

£60

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

Iron Status

Iron Status

RP9

£35

Iron
Ferritin
Total Iron Binding Capacity
Transferrin
Transferrin Saturation

Kidney Health

Kidney Health

RP20

£20

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

Liver Health

Liver Health

RP14

£16

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

Extended Panel:

Kidney Health + Cystatin C and Uric Acid

RP12

£50

Lipid Profile

Lipid Profile

XLIPIDS

£21

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

Specialised Panels | Biochemistry

Metabolic Syndrome

RP11

£33

Leptin
Adiponectin
Resistin
High Sensitivity C-Reactive Protein

Metabolic Syndrome Extended

RP3

£72

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

A.TPSA

£52

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

Specialised Panels | Biochemistry

Pancreatic Health	Urinalysis
RP15£36	RP13£16
Pancreatic Amylase Lipase	Bilirubin Glucose Ketones Nitrite pH Protein Red Blood Cells Urobilinogen White Blood Cells

Biochemistry Most Popular Individual Tests

Calprotectin	CALP	£77
Faecal Occult Blood	FOB_FIT_STOOL	£50
Homocysteine	HOMO	£65

Specialised Panels | Endocrinology

Endocrinology

RP22

£82

Essential clinical chemistry biomarkers to quickly identify illness in patients

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

RP23

£205

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

Stress

Hormonal Health

RP7

£51

Stress

RP8

£46

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

Cortisol
DHEA-S

Testosterone Monitoring

Thyroid

Testosterone Monitoring

RP17

£38

Thyroid Health

RP4

£38

Testosterone
Sex Hormone Binding Globulin
Free Androgen Index
Free Testosterone
Albumin

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

Specialised Panels | Endocrinology

Biochemistry Most Popular Individual Tests		
Free Testosterone	FREE_ TESTOSTERONE	£38
T3 Triiodothyronine	TT3	£52
T4 Thyroxine	TT4	£22
Beta Human Chorionic Gonadotrophin (βHCG)	THCG_BETA	£55
Anti Mullerian Hormone (AMH)	AMH	£82

Specialised Panels | Immunology & Rheumatology

Muscle & Joint Health

RP19

£32

Creatine Kinase
Uric Acid
Rheumatoid Factor
Lactate Dehydrogenase

Rheumatology

RP25

£50

Anti-CCP
Rheumatoid Factor
Uric Acid
Erythrocyte Sedimentation Rate

Inflammation

RP24

£48

CRP
ESR
FBC
Ferritin

Extended Panel:

Rheumatology +
Smooth Muscle Antibodies
and Anti Nuclear Antibodies

RP27

£125

Immunology & Rheumatology Most Popular Individual Tests

Anti-Cyclic Citrullinated Peptide Antibodies (CCP)

ANTI-CCP

£36

Epstein-Barr Virus Antibodies

(EBV VCA IgG, EBV VCA IgM, EBNA IgG)

EBVAB

£68

Gastric Parietal Cell Antibodies

GAS_PC_AB

£60

Herpes Simplex I/II Antibodies

HSV_ABS

£156

Intrinsic Factor Antibodies

INT_FACTOR_ABS

£55

Anti LKM Antibodies

LKM

£81

Antimitochondrial Antibodies

AMA

£60

Anti Neutrophil Cytoplasmic Antibodies (ANCA)

ANCA

£62

Antinuclear Antibodies

ANTI_NUC_AB

£56

Specialised Panels | Lifestyle & Nutrition

Digestive Health

RP16

£76

H. Pylori
Anti-Tissue Transglutaminase Antibodies

Extended Panel:

**Digestive Health +
Calprotectin, QFIT - Faecal Occult Blood,
Liver Health, Full Blood Count and Helicobacter
pylori Antigen Stool**

RP26

£235

Nutritional & Digestive Health

RP1

£156

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

RP5

£65

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

Specialised Panels | Lifestyle & Nutrition

Nutrition & Lifestyle Most Popular Individual Tests

Omega-3 Index (includes Omega-3 Index, Omega-6:Omega-3 ratio, AA:EPA ratio, Trans Fat Index)	OMEGA_6_3	£78
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	£89
Red Cell Folate	RED_CELL_FOLATE	£52
Vitamin B12 (Active)	ACTB12	£42
Tissue Transglutaminase IgA (Coeliac)	TTG_AB_IGA	£77
Intrinsic Factor Antibodies	INT_FACTOR_ABS	£55

Specialised Panels | Haematology

Anaemia Profile

RP21

£102

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

COAG_SCREEN

£51

Inter Norm Ratio
Partial Thromboplastin Time
Fibrinogen
Prothrombin Time

Full Blood Count

HSC1

£29

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

RP24

£47

CRP
ESR
FBC
Ferritin

Haematology Most Popular Individual Tests

Blood Film

BLOOD_FILM

£30

Blood Group

BLOOD_GROUP

£33

D-dimer

DDIMER_LONG

£52

Erythrocyte Sedimentation Rate

ESR

£16

Glucose-6-phosphate dehydrogenase (G6PD)

G6PD

£102

Prothrombin Time

PTB_TIME

£30

Sexual Health

STI 10-Plex

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

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 Urealyticum
Chancroid

Quick 10-Plex

**SAME
DAY**

Urine **STI_10PLEX_Q_U** **£98**

Swab **TI_10PLEX_Q_S** **£98**

Standard 10-Plex

**NEXT
DAY**

Urine **STI_10PLEX_Q_U** **£60**

Swab **TI_10PLEX_Q_S** **£60**

STI CT/NG

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

STI CT/NG

Chlamydia trachomatis
Neisseria gonorrhoeae

Quick CT/NG

**SAME
DAY**

Urine **STI_CTNG_Q_U** **£72**

Swab **STI_CTNG_Q_S** **£72**

Standard CT/NG

**NEXT
DAY**

Urine **STI_CTNG_U** **£33**

Swab **STI_CTNG_S** **£33**

Sexual Health

Endocrinology

STI_BLOOD

£71

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

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

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

48H

Urine

STI_COMPLETE_U

£130

Swab

STI_COMPLETE_S

£130

STI Comprehensive

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

Urine

Chlamydia trachomatis
Neisseria gonorrhoeae

Blood

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

STI Comprehensive

NEXT DAY

Urine

STI_
COMPREHENSIVE
_U

£99

Swab

STI_
COMPREHENSIVE
_S

£99

Sexual Health

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.

Urine

Chlamydia trachomatis
Neisseria gonorrhoeae

Blood

HIV1&2/p24Ag
Hepatitis B Surface Antigen

STI Routine Screen with Hep B

Urine

STI_
ROUTINE_HEPB
_U

£62

Swab

STI_
ROUTINE_HEPB
_S

£62

STI Routine Screen with Syphilis

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

Urine

Chlamydia trachomatis
Neisseria gonorrhoeae

Blood

HIV1&2/p24Ag
Syphilis Antibodies (IgG/IgM)

STI Routine Screen with Syphilis

Urine

STI_
ROUTINE_SYPH
_U

£65

Swab

STI_
ROUTINE_SYPH
_S

£65

HPV DNA Screen

HPV

£76

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

HEPB_IMM

£30

Hepatitis B Surface Antibody

Microbiology

Candida Culture

CANDIDA_CULTURE

£65

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

Culture & Sensivities

CULTURE

£65

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)

GASTRO_PCR

£156

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

Adenovirus
Astrovirus
Campylobacter spp
Clostridium Difficile Toxin A/B
Cryptosporidium spp
Cyclospora cayetanensis
Entamoeba histolytica
Enteroaggregative 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_MICRO

£37

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

Pathogen
Urine Casts
Glucose

Ketones
pH
Protein

Red Blood Cells
Urobilinogen
White Blood Cells

Microbiology

Cough, Cold & Flu

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

Cough, Cold & Flu

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

Cough, Cold & Flu

Sputum

COUGH_
COLD_FLU

£78

Swab

COUGH_
COLD_FLU_SW

£78

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

Our 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

UTI_VIVA

£92

Pathogens

Citrobacter freundii	Klebsiella oxytoca	Streptococcus agalactiae (GBS)	dfrA1
Citrobacter koseri	Klebsiella pneumoniae	Staphylococcus aureus	dfrA12
Enterobacter cloacae	Morganella morganii	Staphylococcus epidermidis	dfrA5
Escherichia coli	Pseudomonas aeruginosa	Serratia marcescens	dfrA7&17
Enterococcus faecalis	Providencia rettgeri	Staphylococcus saprophyticus	mecA
Enterococcus faecium	Providencia stuartii	Candida albicans	vanA
Klebsiella aerogenes	Proteus spp		vanB

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

Our new UTI PCR panel detects the most 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

Helicobacter Pylori Antigen Stool

HPA_STOOL

£56

Quantiferon

TBQ_GOLD

£50

Genetic Tests | Lifestyle and Nutrition Medicine

Genetic Lactose Intolerance

GEN_LACTOSE

£120

Gene List

C13910T	G22018A
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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**.

Nutrition & Lifestyle DNA

NGS_NUTR

£235

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	

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?

To be requested **to optimise personalised nutritional/performance** programmes or when nutritional deficiencies are detected.

Microbiome Testing

NGS_MICROBIOME

£246

Gene List

Bacterial Composition <i>The Firmicutes/Bacteroidetes (F/B) ratio</i> <i>Microbiome weight gain conditions</i> <i>Butyric acid producing bacteria</i> <i>Bacteria that breakdown fibre</i> <i>Bacteria with probiotic properties</i> <i>Pathogenic bacteria</i> <i>Hydrogen Sulphide producing Bacteria</i> <i>Presence of Oxalate-degrading Bacteria</i>	Viral Composition <i>Bacteriophages</i> Fungal Composition <i>Fungal Composition</i> Archaeal Composition <i>Archaeal Composition</i>
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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?

To be requested **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.

Genetic Tests | Diagnostic Work Up

Genetic Coeliac Disease

GEN_COELIAC

£120

Gene List

HLA-DQ2

HLA-DQ8

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 diarrhea, abdominal pain, bloating, fatigue**, as well as those with a family history of the disease.

Genetic Haemochromatosis

GEN_HFE

£90

Gene List

HFE C282Y

HFE H63D

HFE S65C

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.

When to order?

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

Familial Hypercholesterolaemia

GEN_FH_R

£650

Gene List

APOB
APOE

LDLR
LDLRAP1

PCSK9

What is it?

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

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 Tests | Diagnostic Work Up

Genetic Full Cardiac Risk

GEN_CARDIAC_R

£980

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	TGFB1
DPP6	MYBPC3	TGFB2
DSC2	MYH11	TMEM43
DSG2	MYH6	TMPO
DSP	MYH7	TNNC1
DTNA	MYL2	TNNI3
EFEMP2	MYL3	TNNT2
ELN	MYLK	TPM1
EMD	MYLK2	TRDN
EYA4	MYO6	TRIM63
FBN1	MYOZ2	TRPM4
FBN2	MYPN	TTN
FHL1	NEXN	TTR
FHL2	NKX2-5	TXNRD2
FKRP	NODAL	VCL
FKTN	NOTCH1	ZBTB17
FXN	NPPA	ZHX3
GAA	NRAS	ZIC3

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.

Genetic Tests | Specialist Oncology

Genetic Breast & Ovarian Cancer Risk

GEN_BREAST_OV_CR

£650

Gene List

ATM	CDH1	PTEN
BRCA1	CHEK2	TP53
BRCA2	PALB2	

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.

Core Cancer Genetic Risk Test

GEN_CORE_CR

£885

Gene List

ATM	MET	RAD51C
APC	MLH1	RAD51D
ATM	MSH2	RB1
BMPR1A	MSH6	RET
BRCA1	MUTYH	SMAD4
BRCA2	NBN	STK11
CDKN2A	PALB2	TP53
CHEK2	PMS1	TSC1
FLCN	PMS2	TSC2
MEN1	PTEN	VHL

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.

Genetic Bowel Cancer

GEN_BOWEL_CR

£650

Gene List

APC	MSH2	PTEN
BMPR1A	MSH6	SMAD4
EPCAM	MUTYH	STK11
MLH1	PMS2	

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.

Genetic Prostate Cancer

GEN_PROSTATE_CR

£625

Gene List

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

*Reporting restricted to HOXB13 missense variant G84E (rs138213197)

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.

Genetic Tests | Specialist Oncology

Genetic Full Cancer Risk

GEN_FULL_CR

£975

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	

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.