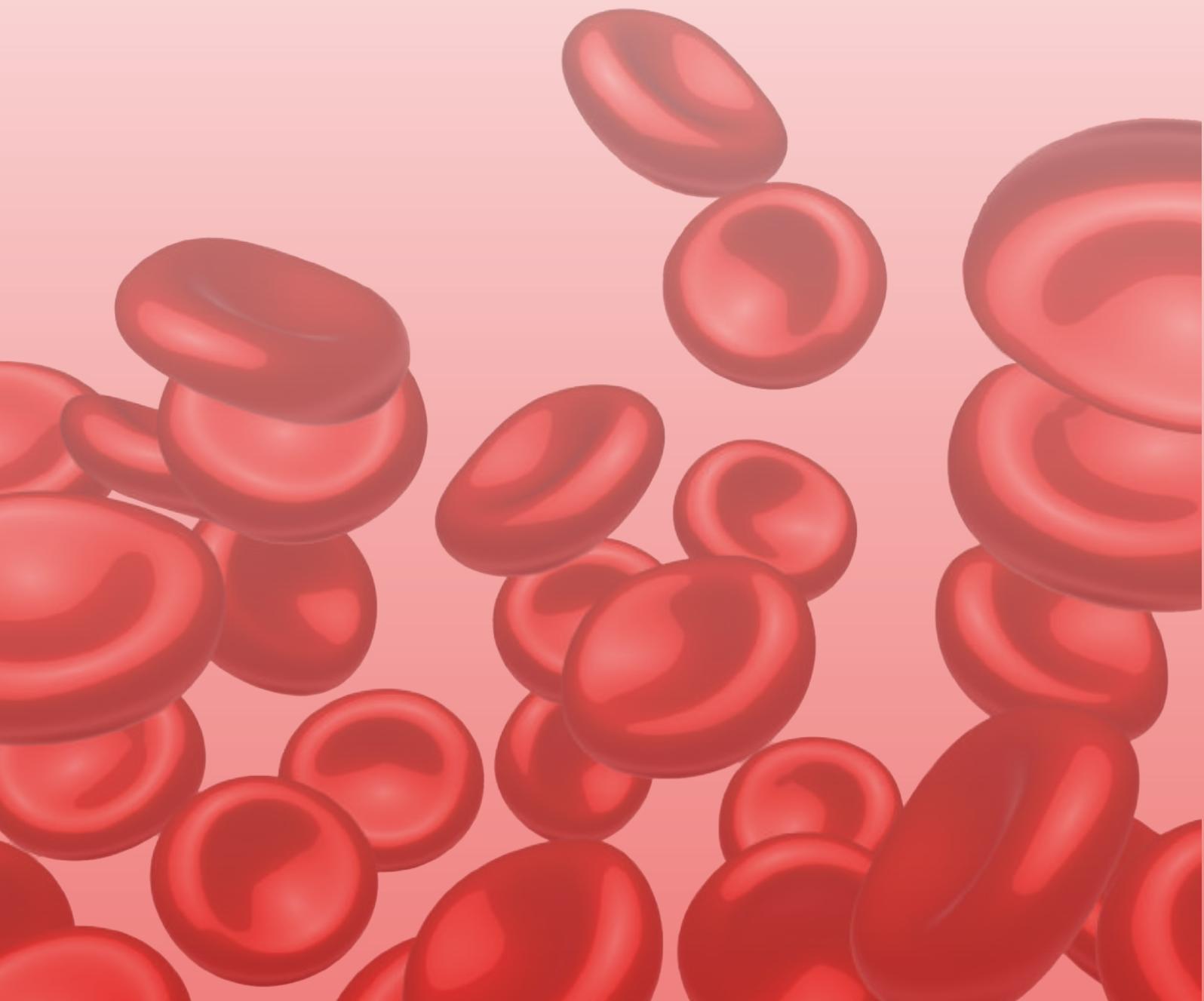
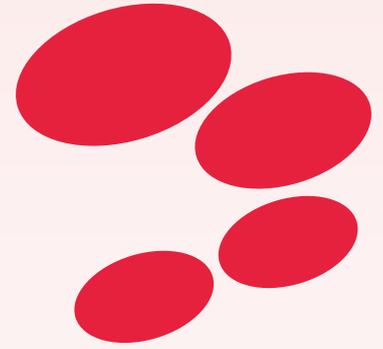


# Pathology

Service Overview





## About Us

**Medical Solutions GP Services Ltd offer state of the art clinical laboratory services designed to deliver exceptional quality, combined with outstanding customer service.**

Our scientific expertise allows us to provide a quality-driven laboratory service to the private pathology sector.

Based in Birmingham, we offer a comprehensive range of tests providing our clients with the advantage of a single supplier for all pathology requirements.

Quality Assurance is our priority at Medical Solutions. Our quality management ensures we provide not only an excellent robust pathology service, but enables us to provide you with quality and accurate results.

Medical Solutions uses a UKAS accredited medical laboratory. We are registered with the Care Quality Commission.

# Helpful Information

## Where to find us



[www.thegpservices.co.uk](http://www.thegpservices.co.uk)



0330 555 0000



**Medical Solutions GP Services Ltd**

1st Floor Kanda Building,  
241-243 Soho Road,  
Birmingham,  
B21 9RY.

Email: [info@thegpservices.co.uk](mailto:info@thegpservices.co.uk)

## Useful Emails



For new clients

[jay@thegpservices.co.uk](mailto:jay@thegpservices.co.uk)

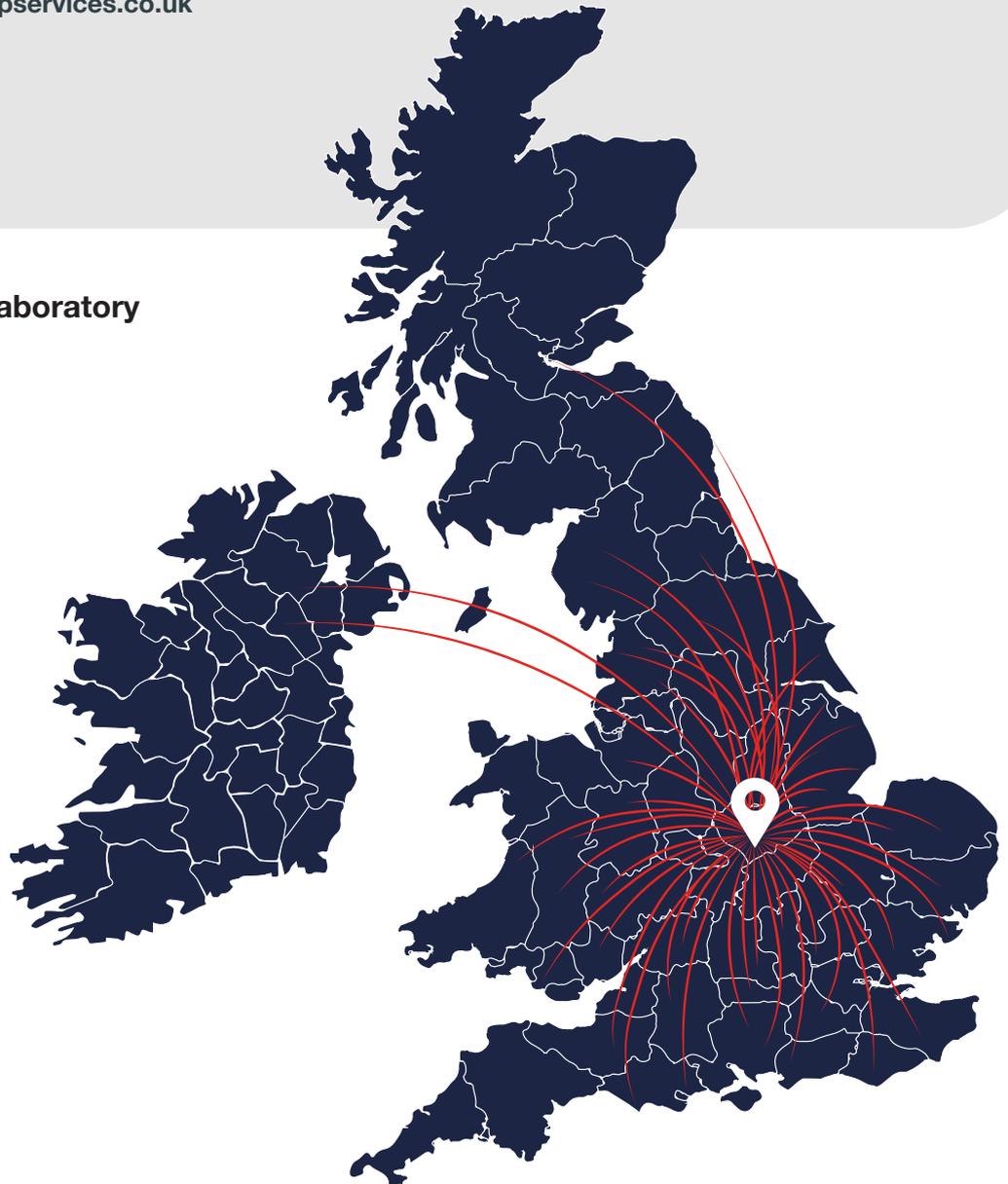
For general enquiries

[info@thegpservices.co.uk](mailto:info@thegpservices.co.uk)

For appointment requests

[appointments@thegpservices.co.uk](mailto:appointments@thegpservices.co.uk)

## Our Midlands based Laboratory





## **Medical Solutions GP Services Ltd Pathology Testing**

### **Routine Profiles**

Please note these profiles are not exhaustive,  
you are able to create bespoke panels with bespoke pricing

Medical Solutions GP Services Ltd is proud to be able to offer bespoke profiles for all clients.

Furthermore Medical Solutions offers a list of commonly requested profiles such as Wellman, Wellwoman, basic Biochemistry, and Hormone panels.

# Testing: Routine Profiles

**\*Bespoke profiles available\***

## Routine Biochemistry

### FBC : Full Blood Count (£69.99)

Full Blood Count (FBC) is a common blood test that looks at your red blood cells, white blood cells and platelets to give an overall picture of your general health. It helps your GP check for anaemia (low blood count), infection, inflammation and certain blood or immune problems, even before you feel unwell. An FBC is quick to do, supports early detection of illness, and can also be used to monitor how well treatments are working, so your care can be tailored safely and effectively.

Monocytes	Neutrophils	Lymphocytes	MCHC	MCH
Eosinophils	White cell count	HCT	Red Blood Count	
Basophils	RDW	MCV	MPV	Platelets
				Haemoglobin

TAT : Same Day

1 x Purple EDTA

### LFT : Liver Function (£69.99)

Liver Function Tests assess how well your liver is working by measuring enzymes, proteins and bilirubin in your blood. They help detect inflammation or damage early, monitor the effects of medicines, alcohol, or infections, and guide your GP in keeping your liver healthy.

AST/GOT	Alkaline phosphatase	Total Bilirubin
Gamma GT	Globulin	ALT/GPT
	Albumin	Total Protein

TAT : Same Day

1 x Yellow SST

### TFT : Thyroid Function (£79.99)

Thyroid Function Tests measure hormones that show how active your thyroid gland is. They help diagnose an underactive or overactive thyroid, which can cause symptoms such as tiredness, weight changes, mood changes or feeling too hot or cold, and allow your GP to adjust treatment so your energy and metabolism are better balanced.

Free Thyroxine	Thyroid Stimulating Hormone
----------------	-----------------------------

TAT : Same Day

1 x Yellow SST

### LIP : Lipids (£74.99)

A lipid profile measures the levels of cholesterol and fats in your blood, including "good" (HDL) and "bad" (LDL) cholesterol and triglycerides. It helps assess your risk of heart disease and stroke, and supports your GP in giving tailored advice on diet, lifestyle, or medication to protect your long-term heart health.

TC/HDL Ratio	HDL Cholesterol	
HDL % of total	Triglyceride	
Non- HDL Cholesterol	LDL Cholesterol	Cholesterol

TAT : Same Day

1 x Yellow SST

### UEC : Urea & Electrolytes (£69.99)

A Urea & Electrolytes test checks how well your kidneys are working and measures important salts and minerals in your blood, such as sodium and potassium. It is useful for investigating tiredness, dehydration, medication side-effects and general kidney health, helping your GP adjust treatment safely.

Creatinine	Urea	Potassium	Sodium
------------	------	-----------	--------

TAT : Same Day

1 x Yellow SST

### EUEC : Extended Urea & Electrolytes (£74.99)

An Extended Urea & Electrolytes profile includes the standard kidney and salt tests, plus additional markers (such as calcium or phosphate) to give a more detailed picture of kidney and metabolic health. This helps your GP investigate more complex symptoms, monitor certain long-term conditions and fine-tune your treatment where needed.

	Chloride	Bicarbonate	
Creatinine	Urea	Potassium	Sodium

TAT : Same Day

1 x Yellow SST

**\*Please enquire for further information about what profiles you need\***

## Commonly Requested Profiles

### NP1 : Acute Medicine 1 (£99.99)

A focused blood profile designed for patients who are acutely unwell. It checks key markers such as blood count, infection, kidney function and blood sugar to help your clinician quickly assess what might be wrong and guide urgent treatment.

Haemoglobin	Calcium
Red Blood Count	Corrected Calcium
RDW	Phosphate
HCT	Chloride
MCV	Albumin
MCH	Alkaline phosphatase
MCHC	Total Bilirubin
Platelets	ALT/GPT
MPV	AST/GOT
White cell count	Gamma GT
Neutrophils	Cholesterol
Lymphocytes	Triglyceride
Monocytes	HDL Cholesterol
Eosinophils	LDL Cholesterol
Basophils	TC/HDL Ratio
Urea	HDL % of total
Sodium	HbA1c
Potassium	
Creatinine	

TAT : Same Day

1 x Yellow SST

1 x Purple EDTA

### NP2 : Acute Medicine 2 (£129.99)

A more detailed acute medical profile for patients who are significantly unwell or have more complex needs. It looks at your blood count, infection markers, kidney and liver function, salts, and blood sugar to provide a broader “snapshot” of your health in urgent situations.

Haemoglobin	Sodium
Red Blood Count	Potassium
RDW	Urea
HCT	Creatinine
MCV	Calcium
MCH	Corrected Calcium
MCHC	Phosphate
Platelets	Chloride
MPV	Total Protein
White cell count	Globulin
Neutrophils	Uric Acid
Lymphocytes	HbA1c
Monocytes	HS- CRP
Eosinophils	Serum Iron
Basophils	Transferrin
Cholesterol	Ferritin
Triglyceride	Iron Binding Capacity
HDL Cholesterol	Creatine Kinase
LDL Cholesterol	pH
TC/HDL Ratio	Urine Protein
HDL % of total	Urine glucose
Albumin	Ketones
Total Bilirubin	Wbc's
Alkaline phosphatase	Rbc's
ALT/GPT	Casts
AST/GOT	Bacterial Count
Gamma GT	Culture & Sensitivities

TAT : Same Day

1 x Yellow SST

1 x Purple EDTA

**NP3 : Lifestyle Screen (£124.99)**

A general health MOT in a blood test. This profile looks at key markers such as cholesterol, blood sugar, liver and kidney function to assess the impact of diet, alcohol, exercise and weight on your health, helping you to make informed lifestyle changes.

Haemoglobin	Alkaline phosphatase
Red Blood Count	Total Bilirubin
RDW	ALT/GPT
HCT	AST/GOT
MCV	Gamma GT
MCH	Cholesterol
MCHC	Triglyceride
Platelets	HDL Cholesterol
MPV	LDL Cholesterol
White cell count	TC/HDL Ratio
Neutrophils	HDL % of total
Lymphocytes	Phosphate
Monocytes	Chloride
Eosinophils	HbA1c
Basophils	Serum Iron
Urea	Transferrin
Sodium	Ferritin
Potassium	Iron Binding Capacity
Creatinine	Serum Folate (Vitamin B9)
Calcium	Vitamin B12
Corrected Calcium	Vitamin D 25(OH)
Albumin	Uric Acid

**TAT : Same Day**

2 x Yellow SST

1 x Purple EDTA

**NP5 : Basic Screen (£94.99)**

A simple health check that covers the essentials: blood count, kidney function, salts and often basic liver or sugar markers. It is useful for general health reviews, medication monitoring, or checking up on non-specific symptoms such as tiredness.

Haemoglobin	Potassium
Red Blood Count	Creatinine
RDW	Total Protein
HCT	Albumin
MCV	Globulin
MCH	Alkaline phosphatase
MCHC	Total Bilirubin
Platelets	ALT/GPT
MPV	AST/GOT
White cell count	Gamma GT
Neutrophils	Cholesterol
Lymphocytes	Triglyceride
Monocytes	HDL Cholesterol
Eosinophils	LDL Cholesterol
Basophils	TC/HDL Ratio
Urea	HDL % of total
Sodium	HS- CRP

**TAT : Same Day**

1 x Yellow SST

1 x Purple EDTA

**NP6 : Standard Screen (£119.99)**

A more comprehensive general health profile that goes beyond the basics. It usually includes blood count, kidney and liver function, salts and blood sugar to give a clearer overview of your overall health and pick up early changes.

Haemoglobin	ALT/GPT
Red Blood Count	AST/GOT
RDW	Gamma GT
HCT	Cholesterol
MCV	Triglyceride
MCH	HDL Cholesterol
MCHC	LDL Cholesterol
Platelets	TC/HDL Ratio
MPV	HDL % of total
White cell count	Phosphate
Neutrophils	HS- CRP
Lymphocytes	HbA1c
Monocytes	Ferritin
Eosinophils	Vitamin D 25(OH)
Basophils	pH
Urea	Urine Protein
Sodium	Urine glucose
Potassium	Ketones
Creatinine	Wbc's
Calcium	Rbc's
Chloride	Casts
Alkaline phosphatase	Bacterial Count
Total Bilirubin	Culture & Sensitivities

- TAT : 1 Day**
- 1 x Yellow SST
  - 1 x Purple EDTA
  - 1 x Urine

**NP7 : Standard Screen Plus FEMALE (£159.99)**

An enhanced health screen that adds extra markers to the Standard Screen, giving an even more detailed view of your blood count, organ function and metabolic health. It is ideal for more in-depth check-ups or for people with ongoing health conditions.

Haemoglobin	Cholesterol
Red Blood Count	Triglyceride
RDW	HDL Cholesterol
HCT	LDL Cholesterol
MCV	TC/HDL Ratio
MCH	HDL % of total
MCHC	Phosphate
Platelets	HS- CRP
MPV	HbA1c
White cell count	Ferritin
Neutrophils	Free Thyroxine
Lymphocytes	Thyroid Stimulating Hormone
Monocytes	Free T3
Eosinophils	Thyroglobulin Antibody
Basophils	Thyroid Peroxidase antibodies
Urea	CA125
Sodium	Vitamin D 25(OH)
Potassium	pH
Creatinine	Urine Protein
Calcium	Urine glucose
Alkaline phosphatase	Ketones
Total Bilirubin	Wbc's
ALT/GPT	Rbc's
AST/GOT	Casts
Gamma GT	Bacterial Count
	Culture & Sensitivities

- TAT : 1 Day**
- 1 x Yellow SST
  - 1 x Purple EDTA
  - 1 x Urine

**NP7M : Standard Screen Plus MALE (£159.99)**

An enhanced health screen that adds extra markers to the Standard Screen, giving an even more detailed view of your blood count, organ function and metabolic health. It is ideal for more in-depth check-ups or for people with ongoing health conditions.

Haemoglobin	Cholesterol
Red Blood Count	Triglyceride
RDW	HDL Cholesterol
HCT	LDL Cholesterol
MCV	TC/HDL Ratio
MCH	HDL % of total
MCHC	Phosphate
Platelets	HS- CRP
MPV	HbA1c
White cell count	Ferritin
Neutrophils	Free Thyroxine
Lymphocytes	Thyroid Stimulating Hormone
Monocytes	Free T3
Eosinophils	Thyroglobulin Antibody
Basophils	Thyroid Peroxidase antibodies
Urea	Prostatic Specific Antigen
Sodium	Vitamin D 25(OH)
Potassium	pH
Creatinine	Urine Protein
Calcium	Urine glucose
Alkaline phosphatase	Ketones
Total Bilirubin	Wbc's
ALT/GPT	Rbc's
AST/GOT	Casts
Gamma GT	Bacterial Count
	Culture & Sensitivities

**TAT : 1 Day**

- 1 x Yellow SST
- 1 x Purple EDTA
- 1 x Urine

**NP8 : Tired All The Time (£164.99)**

A profile specifically designed to investigate fatigue. It checks for common causes such as anaemia, thyroid problems, vitamin deficiencies, inflammation, blood sugar and organ function, helping your clinician work out why you may be feeling so exhausted.

Haemoglobin	Corrected Calcium
Red Blood Count	Albumin
MCV	Alkaline phosphatase
Platelets	HbA1c
HCT	HS- CRP
MCH	Thyroid Stimulating Hormone
MCHC	Free T3
RDW	Free Thyroxine
MPV	Thyroid Peroxidase antibodies
White cell count	Thyroglobulin Antibody
Lymphocytes	Serum Iron
Neutrophils	Transferrin
Eosinophils	Ferritin
Monocytes	Iron Binding Capacity
Basophils	Vitamin D 25(OH)
Urea	Transferrin Saturation
Sodium	Insulin Levels
Potassium	Serum Folate (Vitamin B9)
Creatinine	Vitamin B12
Chloride	C Peptide
Calcium	Cystatin-C
	Magnesium

**TAT : Same Day**

- 2 x Yellow SST
- 1 x Purple EDTA

**NP9 : Long Covid (£129.99)**

A tailored panel for people with ongoing symptoms after COVID-19. It looks at inflammation, blood count, clotting, organ function and sometimes immune or nutritional markers to support assessment and monitoring of long COVID-related health issues.

Haemoglobin	Total Bilirubin
Red Blood Count	ALT/GPT
HCT	AST/GOT
MCV	Gamma GT
MCH	Cholesterol
MCHC	Triglyceride
RDW	HDL Cholesterol
Platelets	LDL Cholesterol
MPV	TC/HDL Ratio
White cell count	HDL % of total
Neutrophils	Uric Acid
Lymphocytes	Phosphate
Monocytes	HS- CRP
Eosinophils	Ferritin
Basophils	Serum Iron
Urea	Transferrin
Sodium	Iron Binding Capacity
Potassium	Thyroid Stimulating Hormone
Creatinine	Lipase
Calcium	Vitamin D 25(OH)
Corrected Calcium	Creatine Kinase
Total Protein	CKMB
Albumin	Troponin I (High Sensitivity)
Globulin	D-dimers
Alkaline phosphatase	Myoglobin

**TAT : Same Day**

1 x Yellow SST

1 x Purple EDTA

1 x Light Blue Citrate

NP10 : Sports Performance (£214.99)

A profile for active individuals and athletes, checking blood count, iron, muscle, kidney and liver markers, salts and sometimes hormones. It helps identify issues that may affect performance, recovery, energy levels and overall training capacity.

Haemoglobin	Globulin	Free Androgen Index
Red Blood Count	Alkaline phosphatase	Sex Hormone Binding Globulin
HCT	Total Bilirubin	Luteinising Hormone
MCV	ALT/GPT	Apolipoprotein A1
MCH	AST/GOT	Apolipoprotein B
MCHC	Gamma GT	APO B/A1 Ratio
RDW	Cholesterol	Serum Folate (Vitamin B9)
Platelets	Triglyceride	Cortisol
MPV	HDL Cholesterol	D H E A Sulphate
White cell count	LDL Cholesterol	Vitamin D 25(OH)
Neutrophils	TC/HDL Ratio	Active B12
Lymphocytes	HDL % of total	Total Antioxidant Activity
Monocytes	Phosphate	Creatine Kinase
Eosinophils	Uric Acid	CKMB
Basophils	HbA1c	Myoglobin
Urea	Free Thyroxine	Magnesium
Sodium	Thyroid Stimulating Hormone	pH
Potassium	Free T3	Urine Protein
Chloride	HS- CRP	Urine glucose
Creatinine	Serum Iron	Ketones
Calcium	Transferrin	Wbc's
Corrected Calcium	Ferritin	Rbc's
Total Protein	Iron Binding Capacity	Casts
Albumin	Testosterone	Bacterial Count
		Culture & Sensitivities

TAT : 1 Day

2 x Yellow SST

1 x Purple EDTA

1 x Urine

**NP11 : Fertility Panel (£159.99)**

Haemoglobin	HDL Cholesterol
Red Blood Count	LDL Cholesterol
RDW	TC/HDL Ratio
HCT	HDL % of total
MCV	Uric Acid
MCH	Phosphate
MCHC	HbA1c
Platelets	Serum Iron
MPV	Transferrin
White cell count	Ferritin
Neutrophils	Iron Binding Capacity
Lymphocytes	HS- CRP
Monocytes	Free Thyroxine
Eosinophils	Thyroid Stimulating Hormone
Basophils	Free T3
Urea	Thyroid Peroxidase antibodies
Sodium	Thyroglobulin Antibody
Potassium	Oestradiol
Creatinine	Progesterone
Calcium	Luteinising Hormone
Chloride	Follicle Stimulating Hormone
Corrected Calcium	Testosterone
Total Protein	Free Androgen Index
Albumin	Sex Hormone Binding Globulin
Globulin	Prolactin
Alkaline phosphatase	Insulin Levels
Total Bilirubin	Cortisol
ALT/GPT	D H E A Sulphate
AST/GOT	Vitamin D 25(OH)
Gamma GT	Serum Folate (Vitamin B9)
Cholesterol	Vitamin B12
Triglyceride	

**TAT : Same Day**  
 2 x Yellow SST  
 1 x Purple EDTA

**NP12 : Anaemia Profile (£109.99)**

A detailed check for causes of anaemia (low blood count). It looks at haemoglobin, iron, vitamin B12, folate and sometimes inflammation markers to help identify whether low blood levels are due to iron deficiency, vitamin shortage or another cause.

Red Blood Count
Haemoglobin
HCT
MCV
MCHC
MCH
RDW
Platelets
White cell count
MPV
Neutrophils
Lymphocytes
Monocytes
Eosinophils
Basophils
Serum Iron
Transferrin
Ferritin
Iron Binding Capacity
Serum Folate (Vitamin B9)
HS- CRP
Vitamin B12

**TAT : Same Day**  
 2 x Yellow SST  
 1 x Purple EDTA

**NP13 : Bone Health (£109.99)**

A profile assessing markers related to bone strength and turnover, such as calcium, vitamin D and sometimes parathyroid hormone and bone enzymes. It helps to evaluate risk of weak bones or osteoporosis and to monitor existing bone conditions.

Calcium
Alkaline phosphatase
Intact Parathormone Level
Phosphate
Vitamin D 25(OH)

**TAT : Same Day**  
 2 x Yellow SST

**NP14 : Diabetes Status (£89.99)**

A focused profile looking at blood sugar control. It typically includes fasting glucose and HbA1c, and sometimes cholesterol and kidney checks, to assess your risk of diabetes or how well existing diabetes is being controlled.

Insulin Levels

C Peptide

HbA1c

Glucose

Insulin Resistance

**TAT : Same Day**

1 x Yellow SST

1 x Purple EDTA

1 x Grey FLOX

**NP15 : Digestive Health (£89.99)**

A set of tests that look at liver, pancreas and some nutritional markers linked to digestion and absorption. It can help investigate bloating, indigestion, weight loss, altered bowel habits and other gut-related symptoms.

Tissue Transglutaminase IgA

IgA

Helicobacter pylori IgG

**TAT : Same Day**

1 x Yellow SST

**NP18 : Hormonal Health (£109.99)**

A broader hormone panel that may include thyroid, sex hormones, and sometimes stress-related hormones. It is useful for assessing symptoms such as irregular periods, hot flushes, low libido, mood changes, hair or skin changes and weight issues.

Oestradiol

Follicle Stimulating Hormone

Progesterone

Luteinising Hormone

Testosterone

Prolactin

Free Androgen Index

Sex Hormone Binding Globulin

**TAT : Same Day**

2 x Yellow SST

**NP16 : Endocrinology Profile (£114.99)**

A hormone-based profile examining key endocrine (hormone) glands such as the thyroid, adrenal and reproductive systems. It is used to assess unexplained fatigue, weight or mood changes, menstrual and libido problems, and other hormone-related symptoms.

Thyroid Stimulating Hormone

Free T3

Thyroid Peroxidase antibodies

Free Thyroxine

Thyroglobulin Antibody

Oestradiol

Luteinising Hormone

Follicle Stimulating Hormone

Prolactin

Progesterone

Testosterone

Sex Hormone Binding Globulin

Free Androgen Index

**TAT : Same Day**

2 x Yellow SST

**NP19 : Iron Status (£89.99)**

A focused profile that looks at iron levels, ferritin (iron stores) and related markers. It helps diagnose iron deficiency or iron overload and is especially useful if you experience tiredness, breathlessness, hair loss or restless legs.

**Basic Kidney Health**

A profile that checks how well your kidneys are working by measuring urea, creatinine and key salts (electrolytes) such as sodium and potassium. It helps in monitoring blood pressure treatment, long-term conditions and the effects of some medicines.

Ferritin

Serum Iron

Transferrin

Iron Binding Capacity

Transferrin Saturation

**TAT : Same Day**

1 x Yellow SST

NP26 : Muscle and Rheumatology (£129.99)
A more specialised panel for suspected inflammatory or autoimmune joint and muscle conditions. It may include detailed inflammation markers, muscle enzymes and rheumatology tests to support diagnosis and monitoring of conditions such as arthritis or connective tissue disease.
Albumin
Total Bilirubin
Alkaline phosphatase
ALT/GPT
AST/GOT
Gamma GT
Sodium
Potassium
Urea
Creatinine
Calcium
Corrected Calcium
Vitamin D 25(OH)
HS- CRP
Ferritin
Chloride
Magnesium
Phosphate
Uric Acid
Creatine Kinase
Rheumatoid Factor
Serum Iron
Transferrin
IgG
IgM
IgA
Iron Binding Capacity
<b>TAT : Same Day</b>
2 x Yellow SST

NP25 : Muscle and Joint Health (£79.99)
A profile that looks at markers of muscle damage, inflammation and sometimes autoimmune activity. It is useful for investigating persistent muscle aches, joint pains, stiffness or weakness.
Uric Acid
Creatine Kinase
Rheumatoid Factor
<b>TAT : Same Day</b>
1 x Yellow SST

NP27 : Nutritional and Digestive Health (£139.99)	
A combined panel that checks key vitamins, minerals, liver and digestive markers. It helps assess whether your body is absorbing nutrients properly and can be useful in unexplained weight changes, bowel issues or restrictive diets.	
Red Blood Count	Albumin
Haemoglobin	Cholesterol
HCT	Triglyceride
MCV	HDL Cholesterol
MCHC	LDL Cholesterol
MCH	TC/HDL Ratio
RDW	HDL % of total
Platelets	Serum Iron
White cell count	Transferrin
MPV	Ferritin
Neutrophils	Serum Folate (Vitamin B9)
Lymphocytes	Iron Binding Capacity
Monocytes	Insulin Levels
Eosinophils	Vitamin B12
HbA1c	Vitamin D 25(OH)
Basophils	Total Antioxidant Activity
HbA1c	Magnesium
Calcium	Tissue Transglutaminase IgA
Corrected Calcium	IgA
	Helicobacter pylori IgG
<b>TAT : Same Day</b>	
2 x Yellow SST	
1 x Purple EDTA	

**NP28 : Pancreatic Health (£84.99)**

This profile looks at markers specific to the pancreas, such as amylase or lipase, alongside related digestive and metabolic tests. It helps investigate abdominal pain, unexplained weight loss, digestive problems and suspected pancreatitis.

Lipase

Amylase

**TAT : Same Day**

1 x Yellow SST

**NP29 : Stress Profile (£89.99)**

A hormone-based and metabolic profile designed to look at how stress may be affecting your body. It often includes cortisol or related markers, along with checks on blood sugar, cholesterol and sometimes thyroid function, to assess the physical impact of prolonged stress.

D H E A Sulphate

Cortisol

**TAT : Same Day**

1 x Yellow SST

**MSU : Urinalysis (£74.99)**

A simple but informative urine test that looks for signs of infection, blood, protein, sugar and other abnormalities. It helps in screening for urinary tract infections, kidney problems and diabetes.

pH

Urine Protein

Urine glucose

Ketones

Wbc's

Rbc's

Casts

Bacterial Count

Culture & Sensitivities

**TAT : 2 Days**

1 x Urine

**NP30 : Testosterone Monitoring (£79.99)**

A profile focused on testosterone levels, often alongside related hormones such as SHBG (sex hormone binding globulin). It is helpful in assessing low libido, fatigue, reduced muscle mass, mood changes and for monitoring testosterone treatment.

Testosterone

Sex Hormone Binding Globulin

Free Androgen Index

Albumin

Free Testosterone (Calculated)

**TAT : Same Day**

1 x Yellow SST

**NP31 : Advanced Thyroid (£94.99)**

A targeted profile looking at thyroid hormones (such as TSH, T4 and sometimes T3). It helps diagnose an underactive or overactive thyroid and supports monitoring of thyroid medication, especially if you have symptoms such as tiredness, weight change or temperature sensitivity.

Thyroid Stimulating Hormone

Free T3

Thyroglobulin Antibody

Free Thyroxine

Thyroid Peroxidase antibodies

**TAT : Same Day**

1 x Yellow SST

A microscopic view of several cells, likely immune cells, rendered in a blue color scheme. The cells have irregular, branching shapes with visible internal structures and protrusions. The background is a dark blue gradient.

**Medical Solutions GP Services Ltd**  
Autoimmunity

# Testing: Autoimmune Profiles

**CTD : Connective Tissue Disease Screen (£164.99)**

Broad autoimmune panel (ANA, dsDNA, ENA antibodies etc.) to investigate systemic connective tissue diseases such as lupus, Sjögren's, systemic sclerosis and mixed connective tissue disease.

- Double Stranded DNA Ab
- Anti Nuclear Antibody
- Anti RO ssa
- Anti LA ssb
- ANTI JO 1
- Anti Sc1 70
- Anti CENP
- ANTI Sm
- Anti U1RNP

**TAT : 5 Working Days**

1 x Yellow SST

**AUT : Auto-Antibody Screen (£154.99)**

General "organ-specific" autoimmune screen (ANA, anti-mitochondrial, smooth muscle, gastric parietal cell, LKM and thyroid peroxidase antibodies) to look for autoimmune liver disease, autoimmune gastritis and thyroid autoimmunity.

- Anti Nuclear Antibody
- Anti Mitochondrial Antibodies
- Smooth Muscle Antibodies
- Gastric Parietal Cell Ab's
- LKM antibodies
- Thyroid Peroxidase antibodies

**TAT : 3 Days**

1 x Yellow SST

**ENA : ENA Screen (£134.99)**

Extractable nuclear antigen panel (Ro, La, Jo-1, Scl-70, centromere, Sm, U1-RNP) used to characterise connective tissue disease when ANA is positive and to help subtype conditions such as Sjögren's, scleroderma and MCTD.

- Anti RO ssa
- Anti LA ssb
- ANTI JO 1
- Anti Sc1 70
- Anti CENP
- ANTI Sm
- Anti U1RNP

**TAT : 3 Days**

1 x Yellow SST

**AUT2 : Auto-Antibody Profile 2 (£269.99)**

Focused on endocrine and reproductive autoimmunity (gastric parietal, islet-cell, adrenal, testicular, ovarian and thyroid peroxidase antibodies), useful in suspected autoimmune endocrinopathies and infertility work-ups.

- Gastric Parietal Cell Ab's
- Islet cell Antibodies
- Adrenal Antibodies
- Anti testicular Ab's
- Ovarian Antibodies
- Thyroid Peroxidase antibodies

**TAT : 3 Days**

1 x Yellow SST

A hand is holding a petri dish containing a white agar surface with numerous blue bacterial colonies. The colonies are scattered across the surface, with some appearing as small dots and others as larger, more complex structures. The background is a blurred laboratory setting with other petri dishes and glassware.

**Medical Solutions GP Services Ltd**  
Microbiology

# Testing: Microbiology

Microbiology tests and acceptable specimens

## Cultures

Test Full Name	Code	TAT	Acceptable Specimen	Remark	Price
Bacterial Culture	CUL	2 days	# (Please refer to Acceptable Specimens section below)	Sensitivity included (Antibiotics)	£119.99
Candida culture	CCUL	2 days	# (Please refer to Acceptable Specimens section below)	Sensitivity included (Antifungals)	£119.99
Fungal culture	FUNG	14 days	# (Please refer to Acceptable Specimens section below)	Does not provide ID or sensitivity service.	£94.99
Joint aspirate culture	KNA	2 days	Joint aspirate	Sensitivity included (Antibiotics) Microscopy included.	£134.99
Nail clippings culture	NC	14 days	Nail	Target for Candida & fungal. Sensitivity included (Antifungals)	£134.99
Skin scrapings culture	SKI	14 days	Skin	Target for Candida, Fungal, bacteria and scabies. Sensitivity included (Antibiotics & antifungals). Microscopy included.	£119.99
Urine culture	MSU & MSUP	2 days	Urine	Sensitivity included (Antibiotics) Microscopy included.	£89.99
Sputum culture	SPU	2 days	Respiratory tract specimens	Sensitivity included (Antibiotics) Microscopy included.	POA

## Microbiology PCR

Test Full Name	Code	TAT	Acceptable Specimen	Remark	Price
Gardnerella PCR	GARD	1 day	Urine or swab		£89.99
Gonorrhoeae and Chlamydia PCR	GC	1 day	Urine or swab		£124.99
Gastrointestinal PCR	GPCR	1 day	Faecal specimen		£159.99
MRSA PCR	MRSN	1 day	Swabs		£99.99
Monkey pox PCR	MONK	1 day	Swabs		£109.99
Respiratory PCR profile	RVIR	1 day	Swabs taken from respiratory tract		£194.99
STI PCR	STI8	1 day	Urine, semen, genital discharge, genital swab or urethral swab		£204.99

## Gastro Microscopy

Test Full Name	Code	TAT	Acceptable Specimen	Remark	Price
Ova, cyst and parasite microscopy	OCP	1 day	Faecal specimen		£104.99

## Environmental Microbiology

Test Full Name	Code	TAT	Acceptable Specimen	Remark	Price
Multidrug Resistant Organism	MDRO	2 day	Swab - Please clarify site/object	Multidrug resistant Acinetobacter Baumannii Carbapenem resistant Enterobacterales Vancomycin resistant Enterococcus MRSA (Methillin resistant Staphylococcus aureus) ESBL producing Organisms (Extended spectrum beta-lactamase) No Sensitivity included	POA

## #Acceptable Specimens

Acceptable specimens are categorised into 5 classes:

### 1. Wound & exit cite (The openings that are not forming congenitally)

Site*	Specimen container
Superficial wound	Gel swab/ charcoal swab
Deep wound	
Surgical wound	
Ulcer	

### 2. Orifice (Natural openings of body)

Site*	Specimen container
Oral swab (Including gum, tongue, soft palates, hard palates, and buccal mucosa)	Gel swab/ charcoal swab
Throat	
Nasal	
Ear	
Eye	
Anal swab	
Genital swab	

### 3. Sterile specimen/ body fluid

Site*	Specimen container
Joint aspirate	Universal plain bottle or any sterile container
Tissues (Any tissue obtained from surgical excision)	
Semen	
Body discharge	Gel swab/ charcoal swab
Pus/ abscess	

#### 4. Artificial objects/ medical devices

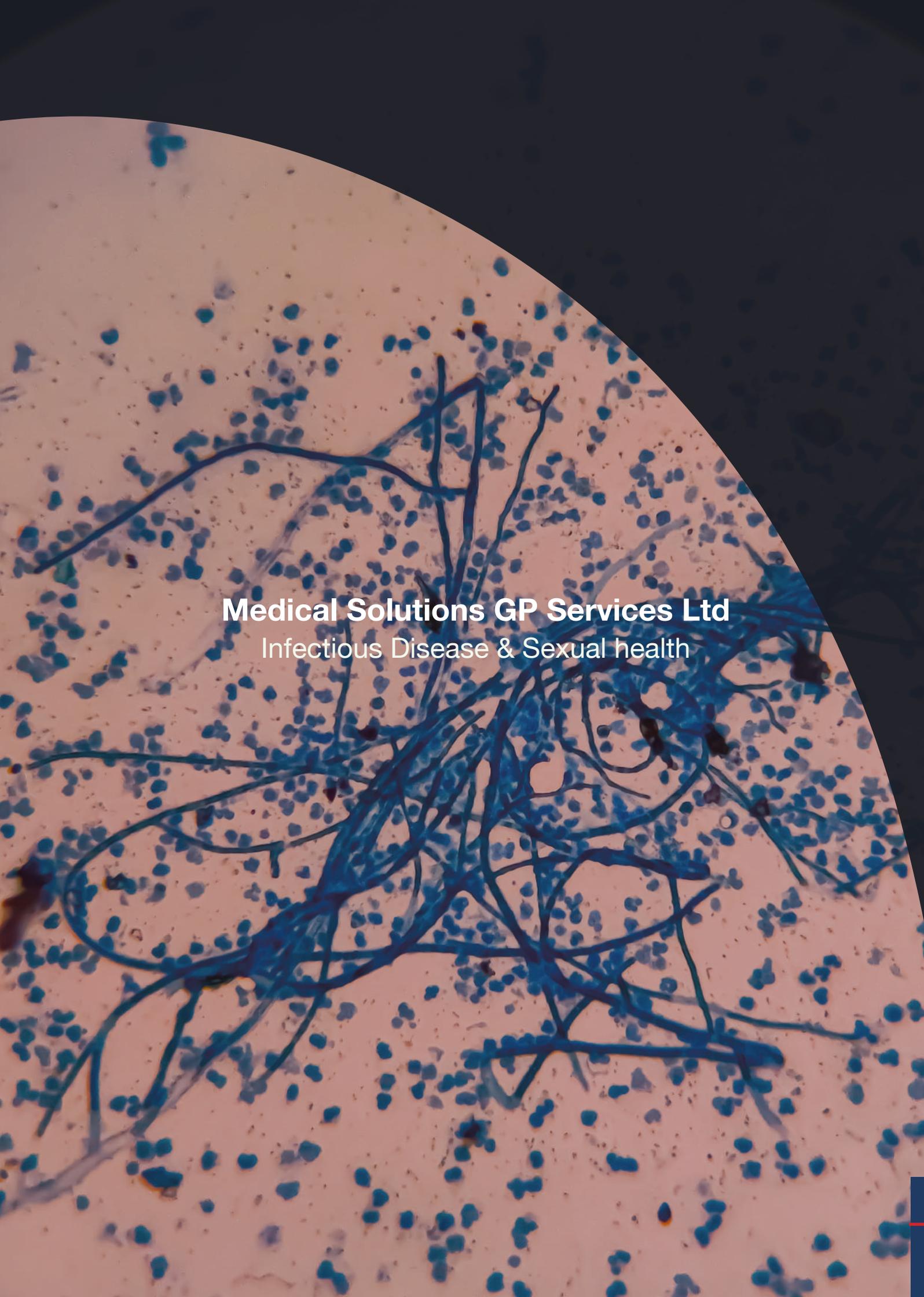
Item	Specimen container
Prosthesis (Joint, eyeball etc.)	Universal plain bottle or any sterile container, gel swab or charcoal swab.
Implants	
Piercing/ stud at any sites	
Catheter	
Intrauterine contraceptive device (IUCD)	

#### 5. Respiratory tract specimens

Respiratory tract specimens	Specimen container
Sputum	Universal plain bottle.
Bronchoalveolar lavage	
Bronchial aspirate	
Bronchial washings	
Tracheal aspirate	

\*Specimens from any body site are acceptable for testing.

Please ensure that site of origin is stated clearly as the site of the specimen heavily impacts clinical judgement.



**Medical Solutions GP Services Ltd**  
Infectious Disease & Sexual health

## Testing: Infectious Disease

### ED : Early Detection (£249.99)

PCR viral load tests for HIV-1, hepatitis B and hepatitis C for very early detection of these blood-borne viruses after exposure.

HIV I RNA Viral Load (PCR)

HBV-DNA Viral Load (PCR)

Hepatitis C RNA (PCR)

TAT : Same Day

2 x Yellow SST

2 x Purple EDTA

### MMR : MMR Status (£114.99)

IgG antibodies to measles, mumps and rubella to check past infection or vaccine immunity (e.g. for occupational health or pre-pregnancy).

Measles IgG antibody

Mumps IgG antibody

Rubella IgG antibody

TAT : Same Day

1 x Yellow SST

### NSI : Needle Stick Injury (£114.99)

Baseline serology for HIV, hepatitis B surface antigen and hepatitis C antibody after sharps/needle-stick incidents.

HIV I & II Ab/ p24 Ag screen

Hepatitis B sAg

Hepatitis C Antibody

TAT : Same Day

1 x Yellow SST

## Testing: Sexual Health Profiles

### NP34 : Gonorrhoea/Chlamydia PCR (£109.99)

NAAT for genital N. gonorrhoeae and C. trachomatis from urine or dry swab as a focused STI test.

N.gonorrhoea PCR

Chlamydia trachomatis PCR

TAT : Same Day

1 x Urine/Dry Swab

### NP35 : STI Blood Screen (£114.99)

Blood test for HIV, hepatitis B surface antigen, syphilis IgG/IgM and hepatitis C antibody for systemic STI screening.

HIV I & II Ab/ p24 Ag screen

Hep B Surface Antigen

Syphilis Antibodies IgG/IgM

Hepatitis C Antibody

TAT : Same Day

1 x Yellow SST

### NP36 : STI Complete (£204.99)

Combined blood and swab/urine panel covering HIV, hepatitis B & C, syphilis plus wide-range genital PCR (HSV-1/2, gonorrhoea, chlamydia, mycoplasma, ureaplasma, trichomonas, chancroid etc.) for maximal STI work-up.

HIV I & II Ab/ p24 Ag screen

Hepatitis C Antibody

Hepatitis B sAg

Syphilis Antibodies IgG/IgM

Herpes simplex II PCR

Herpes simplex I PCR

N.gonorrhoea PCR

Chlamydia trachomatis PCR

Mycoplasma genitalium PCR

Mycoplasma hominis PCR

Ureaplasma urealyticum PCR

Trichomonas vaginalis PCR

Treponema pallidum PCR

Haemophilus ducreyi PCR

TAT : Same Day

1 x Urine/Dry Swab

1 x Yellow SST

**NP37 : STI Comprehensive (£139.99)**

Combined urine/swab PCR for gonorrhoea and chlamydia with blood tests for HIV, syphilis, hepatitis B and C – a “full screen” for common STIs.

N.gonorrhoea PCR

Chlamydia Trachomatis DNA (PCR)

HIV I & II Ab/ p24 Ag screen

Syphilis Antibodies IgG/IgM

Hepatitis C Antibody

Hepatitis B sAg

**TAT : Same Day**

1 x Urine/Dry Swab

1 x Yellow SST

**NP38 : STI Routine Screen with Hep B (£114.99)**

Routine STI screen including gonorrhoea and chlamydia PCR plus blood tests for HIV and hepatitis B surface antigen.

N.gonorrhoea PCR

Chlamydia Trachomatis DNA (PCR)

HIV I & II Ab/ p24 Ag screen

Hep B Surface Antigen

**TAT : Same Day**

1 x Urine/Dry Swab

1 x Yellow SST

**NP39 : STI Routine with Syphilis (£119.99)**

Routine STI screen including gonorrhoea and chlamydia PCR plus HIV and syphilis antibody testing.

N.gonorrhoea PCR

Chlamydia Trachomatis DNA (PCR)

Syphilis Antibodies IgG/IgM

HIV I & II Ab/ p24 Ag screen

**TAT : Same Day**

1 x Urine/Dry Swab

1 x Yellow SST

**Medical Solutions GP Services Ltd**  
Vitamin & Minerals

---

Allergy & Intolerance

# Testing: Vitamins & Minerals

## NP33 : Basic Vitamins and Minerals (£109.99)

Core micronutrient panel (iron stores, transferrin/IBC, albumin, magnesium, calcium, folate, B12, zinc and vitamin D) for general nutritional status and deficiency screening.

Ferritin

Serum Iron

Transferrin

Iron Binding Capacity

Albumin

Magnesium

Calcium

Corrected Calcium

Serum Folate (Vitamin B9)

Vitamin B12

Zinc

Vitamin D 25(OH)

**TAT : Same Day**

1 x Yellow SST

## VITS : Vitamin Profile (£304.99)

Fat- and water-soluble vitamin assessment (A, beta-carotene, B1, B2, B6, C, E) to investigate broad vitamin deficiency or excess.

**Vitamin A (Retinol)\***

Beta-Carotene

**Vitamin B1 (Thiamine)\***

**Vitamin B2\***

**Vitamin B6 (Pyridoxine)\***

**Vitamin C\***

**Vitamin E (Alpha Tocopherol)\***

**TAT : 2 Days**

2 x Yellow SST

1 x Purple EDTA

**\* PROTECTED FROM LIGHT \***

## VBP : Vitamin B Profile (£419.99)

Detailed B-vitamin status (B1, B2, B3, B6, active B12 and red-cell folate) for suspected B-vitamin deficiency, malabsorption, neuropathy or complex nutritional assessment..

**Vitamin B1 (Thiamine)\***

**Vitamin B2\***

Vitamin B3

**Vitamin B6 (pyridoxine)\***

Active B12

Red Cell Folate

**TAT : 8 Days**

2 x Yellow SST

2 x Purple EDTA

**\* PROTECTED FROM LIGHT \***

## VIDP : Vitamin D Profile (£144.99)

Total 25-OH vitamin D plus D2 and D3 fractions to assess vitamin D status and monitor supplementation.

Vitamin D 25(OH)

Vit D3

Vit D2

**TAT : 1 Day**

1 x Yellow SST

## HMS : Heavy Metal Screen (£319.99)

Fat- and water-soluble vitamin assessment (A, beta-carotene, B1, B2, B6, C, E) to investigate broad vitamin deficiency or excess.

Blood Manganese

Mercury Blood

Lead Level - Blood

Chromium - Blood

Aluminium blood

Red Cell magnesium

Red Cell Calcium

Red Cell Zinc

Red Cell Copper

Red Cell Selenium

**TAT : Up to 11 Days**

2 x Purple EDTA

1 x Dark Blue

# Testing: Allergy & Intolerance

IGE or IGG intolerance is available for all the listed allergens

**PLEASE NOTE ALL ALLERGEN PANELS REQUIRE : 3 X YELLOW SST**

FP20 : Food (IgE) Allergen Panel (£244.99)	
Intolerance (IgG) "FG20"	
Almond	Peach
Apple	Peanut
Carrot	Potato
Casein	Rye flour
Celery	Sesame seed
Cod fish	Shrimp
Egg White	Soya
Egg Yolk	Tomato
Hazelnut	Walnut
Milk	Wheat flour
TAT : 1 Day	

FP23: Food (IgE) Allergen Panel 34 (£354.99)	
Intolerance (IgG) "FG34"	
Almond	Mustard
Apple	Onion
Banana	Orange
Buckwheat	Oat
Cabbage	Peach
Carrot	Peanut
Casein	Potato
Celery	Rice
Cheese (Cheddar)	Rye flour
Cod fish	Salmon
Chicken meat	Sesame seed
Corn (maize)	Shrimp
Crab	Soya bean
Egg White	Tomato
Egg Yolk	Tuna
Hazelnut	Walnut
Garlic	Wheat
Milk	White Bean
TAT : 1 Day	

FPIP: Food and Inhalent (IgE) Panel (£524.99)	
Intolerance (IgG) "FGIP"	
Alternaria tenuis	Chocolate
Aspergillus fumigatus	Cacao
Cat epithelium	Cod fish
Cat dander	Chicken meat
Cladosporium herbarum	Corn (maize)
Dog epithelium	Crab
Dog dander	Egg white
Grey alder	Egg yolk
Guinea pig dander	Hazelnut
HDM: D.farinae	Milk
HDM: D.pteronysinus	Oat
Hamster epithelium	Onion
Hazel tree	Orange
Horse dander	Peach
Mugwort (sagebrush)	Peanut
Oak	Potato
Penicillium notatum	Rice
Plantain	Rye flour
Rabbit dander	Salmon
Rye grass	Sesame seed
Silver birch	Shrimp
Timothy grass	Strawberry
Almond	Tuna
Apple	Tomato
Brewer's yeast	Walnut
Baker's yeast	Wheat flour
Carrot	Celery
Garlic	Casein
TAT : 1 Day	

IHP : Inhalant (IgE) Allergen Panel (£169.99)	
Intolerance (IgG) "IHG"	
Grey alder	HDM:D.pteronysinus
Alternaria tenuis	Hamster epithelium
Aspergoillus fumigatus	Hazel tree
Silver birch	Horse dander
Cat epithelium	Mugwort (sage brush)
Cat dander	Oak
Cow dander	Penicillium notatum
Dog epithelium	Plan
Dog dander	Rabbit dander
Guinea pig dander	Rabbit epithelium
HDM:D:farinae	Rye grass
	Timothy grass
TAT : 1 Day	

SP : Shellfish (IgE) Panel (£159.99)	
Intolerance (IgG) "SPG"	
Blue mussel	Lobster
Clam	Oyster
Crab	Scallop
Crayfish	Shrimp
TAT : 1 Day	

Nut (IgE) Allergy Profile (£169.99)	
Intolerance (IgG) "NPG"	
Almond	Peanut
Brazil nut	Pecan nut
Cashew nut	Pine nut
Chestnut	Pistachio
Coconut	Sesame seed
Hazelnut	Walnut
Macadamia nut	
TAT : 1 Day	

Dairy (IgE) Allergy Panel (£169.99)	
Intolerance (IgG) "DPG"	
Boiled milk	Milk
Cheddar cheese	Parmesan cheese
Cheese mould	Sheep's milk
Goat's milk	Swiss cheese
Casein	
TAT : 1 Day	





**Medical Solutions GP Services Ltd**  
**Pathology Testing**  
ALEX2 Allergy Testing

# ALEX2 Allergy Testing: Advanced Allergy Panel

ALEX : ALEX2 Allergy Panel (£464.99)

High-throughput multiplex allergy test measuring IgE against a huge range of whole allergens and molecular components (pollens, mites, moulds, foods, pets, venoms, latex and more) in a single run, useful for complex polysensitised patients and precision allergy work-ups.

Pollen - Grass Pollen	Mites - House Dust Mite	Plant Food - Spices
Bermuda Grass	American House Dust Mite	Paprika
Perennial Ryegrass	European House Dust Mite	Caraway
Bahia Grass	Mites - Storage Mite	Oregano
Timothy Grass	Acarus Siro	Parsley
Common Reed	Biomia Tropicalis	Anise
Cultivated Rye, Pollen	Glycyphagus Domesticus	Mustard
Pollen - Tree Pollen	Lepidoglyphus Destructor	Plant Food - Fruits
Acacia	Tyrophagus Putrescentiae	Kiwi
Tree of Heaven	Microorganisms & Spores - Yeast	Papaya
Alder	Malassezia Sympodialis	Orange
Silver Birch	Yeast	Melon
Paper Mulberry	Microorganisms & Spores - Moulds	Fig
Hazel Pollen	Alternaria Alternata	Strawberry
Sugi	Aspergillus Fumigatus	Apple
Cypress	Cladosporium Herbarum	Mango
Beech	Penicilium Chrysogenum	Banana
Ash	Plant Food - Legumes	Avocado
Walnut, Pollen	Peanut	Cherry
Mountain Cedar	Chickpea	Peach
Mulberry Tree	Soy	Pear
Olive	Lentil	Blueberry
Date Palm	White Bean	Grapes
London Plane Tree	Pea	Plant Food - Vegetables
Cottonwood	Plant Food - Grains	Onion
Elm	Oat	Garlic
Pollen - Weed Pollen	Quinoa	Celery
Common Pigweed	Common Buckwheat	Carrot
Ragweed	Barley	Potato
Mugwort	Lupine Seed	Tomato
Hemp	Rice	
Lamb's Quarter	Millet	
Annual Mercury	Cultivated Rye, Cereals	
Wall Pellitory	Wheat	
Ribwort	Spelt	
Russian Thistle	Maize	
Nettle		

<b>Plant Food - Nuts</b>	Scallop	<b>Animal Origin - Farm Animals</b>
Cashew	Black Tiger Shrimp	Cattle
Brazil Nut	Thornback Ray	Goat, epithel
Pecan	Clam Salmon	Horse, epithel
Hazelnut	Atlantic Mackerel	Sheep, epithel
Walnut	Tuna	Pig, epithel
Macadamia	Swordfish	<b>Others</b>
Pistachio	<b>Animal Food - Meat</b>	Latex
Almond	House cricket	Ficus - Weeping Fig
<b>Plant Food - Seeds</b>	Cattle, meat	CCD - Homs Lactoferrin
Pumpkin Seed	Horse, meat Chicken meat	Parasite - Pigeon tick
Sunflower Seed	Migratory locust	<b>TAT : 2-3 Days</b>
Poppy Seed	Turkey, meat	3 x Yellow SST
Sesame	Rabbit. meat	
Fenugreek seeds	Sheep, meat	
<b>Animal Food - Milk</b>	Pork	
Cow's Milk	Mealworm	
Camel	<b>Insects &amp; Venoms - Fire Ant Poison</b>	
Goat, Milk	Fire Ant	
Mare's Milk	<b>Insects &amp; Venoms - Honey Bee Venom</b>	
Sheep, Milk	Honey Bee	
<b>Animal Food - Egg</b>	<b>Insects &amp; Venoms - Wasp Venom</b>	
Egg White	Long-Headed Wasp	
Egg Yolk	Paper Wasp Venom	
<b>Animal Food - Seafood</b>	Wasp Venom	
Herring worm	<b>Insects &amp; Venoms - Cockroach</b>	
Crab	German Cockroach	
Herring	American Cockroach	
Brown Shrimp	<b>Animal Origin - Pet</b>	
Carp	Dog	
Atlantic Cod	Male dog urine (incl. Can f5)	
Lobster	Guinea pig	
Shrimp	Cat	
Squid	Mouse	
Common Mussel	Rabbit, epithel	
Oyster	Djungarian hamster	
Northern Prawn		



**Medical Solutions GP Services Ltd**

1st Floor Kanda Building,  
241-243 Soho Road,  
Birmingham, B21 9RY

**Tel: 0330 555 0000**

**Email: [info@thegpservices.co.uk](mailto:info@thegpservices.co.uk)**

**Web: [www.thegpservices.co.uk](http://www.thegpservices.co.uk)**