

A laboratory setting with several pipettes and vials. The background is dark and out of focus, with a diagonal split. The top half is white, and the bottom half is dark. The text is overlaid on the white and dark sections.

SN HUB

**BLOOD & FUNCTIONAL
TESTS**

ABOUT US

The SN Hub Clinic was founded by Dr. Dean St Mart PhD, a visionary in functional health and supplementation, with a commitment to advancing personalised care. SN Hub Clinic provides health screening services including venous blood specimen collection (processed by external UK laboratories) and FibroScan® (transient elastography) to assess liver stiffness and fat. We give you clear lab and scan reports and encourage you to share them with your GP for medical advice or follow-up.

*SN Hub Clinic does not provide diagnosis or treatment.

OUR MISSION

To make high quality screening accessible, transparent and easy to understand, so people can make informed decisions about discussing results with their GP or specialist services.

THE LIVER CLINIC

Our 'FibroScan' service, offered in partnership with The Liver Clinic, provides a quick, non-invasive service, measuring liver stiffness and fat content of the liver. Understanding liver health is essential, playing a key role in detoxification, energy production, and nutrient metabolism. In the UK, up to 1 in every 3 people has early stages of non-alcohol fatty liver disease (NAFLD); often symptomless and a miss on bloodwork.



COMPANY HISTORY

Born from the success of Supplement Needs, SN Hub builds on a legacy of scientific precision and transparency. Since its inception, Supplement Needs has redefined nutrition and dietary supplementation, creating formulas backed by cutting-edge research. Now, this same dedication drives The SN Hub Clinic,. With roots in advanced supplementation, our mission is to deliver unparalleled health insights to help clients achieve their best.

BLOOD TESTS

Regular blood testing is a proactive step towards safeguarding your health and well being. It's not just about reacting to issues – it's about preventing them. By identifying potential issues early, you can make informed decisions to optimise your lifestyle, diet, and overall health.

At SN Hub, our comprehensive collection service empowers you with valuable data from the laboratory to stay ahead of health concerns and take control of your future.

OUR TESTS

STANDARD HEALTH CHECK - P.4

STANDARD HEALTH + FULL HORMONE CHECK - P.5

SN ADVANCED ATHLETE PROFILE - P.6

ADVANCED METABOLIC CHECK - P.7

FERTILITY HEALTH CHECK - P.8

SN TOTAL HEALTH ANALYSIS - P.9 & P.10

KIDNEY SCREEN - P.11

ADVANCED KIDNEY SCREEN WITH CYSTATIN C - P.11

LIVER HEALTH SCREEN - P.12

ADVANCED THYROID HEALTH SCREEN - P.12

ADVANCED PROSTATE HEALTH SCREEN - P.13

ADVANCED HORMONE SCREEN - P.13

EXTENSIVE THYROID + HORMONES - P.14

TOTAL TESTOSTERONE - P.14

STANDARD HEALTH CHECK

FULL BLOOD SCREEN

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

DIABETES HEALTH

Glucose
HbA1c

BONE HEALTH

Alkaline Phosphatase
Calcium (Adjusted)
Phosphate
Vitamin D

HEART HEALTH

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

KIDNEY HEALTH

Creatinine
eGFR
Chloride
Potassium*
Phosphate
Sodium
Urea

IRON STATUS

Ferritin

THYROID HEALTH

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

LIVER HEALTH

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

URINALYSIS

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

TUMOUR MARKERS

Total Prostate
Specific Antigen (M)
CA-125 (F)

STANDARD HEALTH + FULL HORMONE CHECK

INCLUDES ALL PANELS FROM THE STANDARD HEALTH CHECK:

HORMONAL HEALTH

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

SN ADVANCED ATHLETE PROFILE

HEART HEALTH

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

URINALYSIS

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

LIVER HEALTH

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

SN ADVANCED ATHLETE PROFILE

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

FEMALE HORMONE HEALTH

Luteinising Hormone
Testosterone
Sex Hormone Binding Globulin
Free Androgen Index

THYROID HEALTH

Thyroid Stimulating Hormone
Free Tri-iodothyronine FT3
Free Thyroxine FT4

BONE HEALTH

Alkaline Phosphatase
Calcium (Adjusted)
Phosphate
Vitamin D

MUSCLE & JOINT HEALTH

Creatine Kinase
CK-MB
Myoglobin

MALE HORMONE HEALTH

Testosterone
Sex Hormone Binding Globulin
Free Androgen Index

DIABETES HEALTH

Glucose
HbA1c

KIDNEY HEALTH

Creatinine
eGFR
Chloride
Potassium*
Phosphate
Sodium
Urea
Uric Acid

NUTRITIONAL HEALTH

Total Antioxidant
Status
Folic acid
Vitamin B12
Vitamin D

STRESS HEALTH

Cortisol
DHEA-S

INFECTION & INFLAMMATION

C-Reactive Protein

ADVANCED METABOLIC CHECK

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

FERTILITY HEALTH CHECK

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

THYROID HEALTH

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

DIABETES HEALTH

Glucose
HbA1c
Insulin

KIDNEY HEALTH

Chloride
Phosphate
Potassium*
Sodium
Urea

STRESS HEALTH

Cortisol
DHEA-S

HEART HEALTH

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

NUTRITIONAL HEALTH

Vitamin D

IRON STATUS

Iron
Ferritin
Total Iron Binding Capacity
Transferrin
Transferrin Saturation

INFECTION & INFLAMMATION

C-Reactive Protein

LIVER HEALTH

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

HORMONAL HEALTH

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

*Note: Potassium is stable for 7 hours prior to processing

SN TOTAL HEALTH ANALYSIS

INCLUDES PANELS COVERED IN STANDARD HEALTH CHECK

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

METABOLIC SYNDROME

Leptin
Adiponectin
Resistin

DIABETES HEALTH

Glucose
HbA1c
Insulin
C-Peptide

NUTRITIONAL HEALTH

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

IRON STATUS

Ferritin
Iron
TIBC
Transferrin
Transferrin Saturation

INFECTION & INFLAMMATION

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

SN TOTAL HEALTH ANALYSIS

MALE HORMONAL HEALTH

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

PANCREATIC HEALTH

Pancreatic Amylase
Lipase

MUSCLE & JOINT HEALTH

Creatine Kinase
Uric Acid
Rheumatoid Factor

DIGESTIVE HEALTH

H. Pylori
Anti-Tissue
Transglutaminase
Antibodies

BONE HEALTH

Parathyroid Hormone

ALLERGY EVALUATION

Immunoglobulin E

FEMALE HORMONAL HEALTH

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

KIDNEY HEALTH

Cystatin C
Magnesium
Uric Acid

KIDNEY SCREEN

KIDNEY HEALTH

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

ADVANCED KIDNEY SCREEN

KIDNEY HEALTH

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

LIVER HEALTH SCREEN

LIVER HEALTH

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

ADVANCED THYROID HEALTH SCREEN

THYROID HEALTH

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

ADVANCED PROSTATE HEALTH SCREEN

PROSTATE HEALTH

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

ADVANCED HORMONE SCREEN

HORMONE HEALTH

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

EXTENSIVE THYROID + HORMONES

THYROID HEALTH

Thyroid Stimulating Hormone

Free Thyroxine

Free Tri-iodothyronine

Anti-Thyroglobulin Antibody

Anti-Thyroid Peroxidase

Antibody

HORMONE HEALTH

Oestradiol

Follicle Stimulating Hormone

Luteinising Hormone

Progesterone

Prolactin

Testosterone

Sex Hormone Binding

Globulin

Free Androgen Index

TOTAL TESTOSTERONE

TESTOSTERONE MONITORING

Testosterone

Sex Hormone Binding Globulin

Free Androgen Index

Free Testosterone

Albumin



KNOWLEDGE IS POWER

Knowledge is power, but action brings results. Supplement Needs range of scientifically formulated products are developed to support your health and address areas of concern. For those seeking even greater clarity or a deeper understanding, Formulator Dr Dean St Mart PhD is available for expert consultations. Your journey to optimal health awaits.

FUNCTIONAL TESTS

When conventional health checks leave questions unanswered, functional testing provides clarity. Functional health testing goes beyond traditional methods, offering a deeper understanding of your body's unique needs. Unlike conventional approaches that focus on symptoms, these tests help reveal the underlying mechanisms driving your health. By exploring the root causes of imbalances and symptoms, these advanced tests provide actionable insights into your overall health.

Whether it's optimising performance, managing stress, or addressing persistent hormonal or gut issues, functional testing empowers you to make informed decisions.

OUR TESTS

GI360 COMPLETE - P.17

GI360 COMPLETE + ZONULIN + H PYLORI - P.17

DUTCH COMPLETE - P.18

DUTCH CYCLE MAPPING WITH COMPLETE - P.19

HAIR TOXIC AND ESSENTIAL ELEMENTS - P.20

MYCOTOXIN - P.21

OAT - P.22

OAT+MYCOTOX - P.22

GI360 COMPLETE

GI360 Complete is an advanced stool test, utilising PCR technology, coupled with growth-based culture and microscopy to detect and assess the status of pathogens, viruses, parasites and bacteria that may be contributing to acute or chronic gastrointestinal symptoms and disease (>1200 bacteria; >200 yeasts can be identified),

GI360 Complete includes a broad range of stool chemistry markers to assess digestion/absorption, inflammation, immunology, short chain fatty acids and intestinal health markers including beta-glucuronidase.

GI360 can help to differentiate inflammation associated with inflammatory bowel disease (IBD) from that noted in irritable bowel syndrome (IBS).

The test can be used to identify underlying factors in digestive symptoms.

GI360 is indicated for gastrointestinal symptoms, autoimmune disease, joint pain, IBD, IBS, inflammation, food sensitivities, nutritional deficiencies and skin conditions.

GI360 COMPLETE + ZONULIN + H PYLORI

The GI360 Complete is a comprehensive stool test that evaluates gut health by detecting pathogens, bacteria, viruses, and parasites, while also assessing digestion, inflammation, immunity, and intestinal health markers like beta-glucuronidase.

This version includes additional testing for zonulin, a marker of gut permeability linked to conditions like metabolic syndrome, and H. Pylori, a bacteria associated with gastritis, ulcers, and GERD.

Ideal for investigating gastrointestinal symptoms, IBS, IBD, autoimmune disease, and related conditions, this test helps uncover the root causes of gut-related issues.

DUTCH COMPLETE

DUTCH Complete is a comprehensive test assessing 35+ sex and adrenal hormones, including estrogen, progesterone, testosterone, DHEA, and cortisol, along with their metabolites. It also measures daily patterns of free cortisol and cortisone, oxidative stress (8-OHdG), melatonin, and nine organic acids related to nutrients (B12, B6, biotin, and glutathione), neurotransmitters (dopamine, norepinephrine, and epinephrine), neuroinflammation and gut health.

The test uses dried urine for its superior ability to measure hormone metabolites, cortisol clearance, and free cortisol levels compared to serum or saliva. This provides a more complete picture for identifying hormonal imbalances and monitoring hormone replacement therapy (HRT).

DUTCH Complete is indicated for women with PMS, PMDD, PCOS, menopause, infertility, weight gain, fatigue, low libido, sleep issues, or mood disorders.

DUTCH Complete can also be used for men with infertility, prostate issues, weight gain, fatigue, low libido, sleep issues, or mood disorders

DUTCH Complete also serves as a baseline for managing hormone therapy and offers insights into nutrient needs, detoxification, and stress resilience.

DUTCH CYCLE MAPPING WITH COMPLETE

DUTCH Cycle Mapping with Complete is an advanced hormone test that tracks progesterone and estrogen levels throughout the menstrual cycle, combined with a comprehensive assessment of 35+ sex and adrenal hormones. These include estrogen, progesterone, testosterone, DHEA, and cortisol, along with their metabolites, and markers of oxidative stress, melatonin, and organic acids for nutrient and neurotransmitter health.

The test provides detailed insight into the hormonal patterns of the follicular, ovulatory, and luteal phases, helping to identify disruptions that can cause symptoms or infertility. Additional samples assess adrenal function, cortisol patterns, and androgen metabolites.

DUTCH Cycle Mapping with Complete is ideal for women with irregular or fluctuating cycles, infertility or hormone imbalances, PMS, PCOS, migraines, mid-cycle symptoms, or those with a partial hysterectomy or ablation with intact ovaries.

This test is not suitable for postmenopausal women or those on hormonal birth control.

HAIR TOXIC AND ESSENTIAL ELEMENTS

Hair element analysis evaluates essential and toxic elements in the body, offering insight into nutrient status and toxic exposures. As hair grows, it incorporates elements permanently, providing a timeline of element metabolism and exposure. Hair levels of nutrients like magnesium, zinc, copper, selenium, and chromium reflect tissue levels, while toxic elements such as arsenic, lead, cadmium, and mercury can concentrate in hair up to 300 times more than in blood or urine.

This test is a reliable screening tool for element imbalances when combined with symptoms and other lab tests. It is especially useful for detecting recent toxic exposures, with the CDC recognizing hair mercury levels as an indicator of neurotoxic methylmercury exposure. Proper collection and cleaning techniques are essential to rule out contamination from shampoos, dyes, or treatments.

Hair element analysis is indicated to screen for excesses, deficiencies, or imbalances of essential elements and to assess exposure to toxic elements like arsenic, lead, and mercury.

MYCOTOXIN

The GPL-MycotoX is a comprehensive mycotoxin test that screens for eleven mycotoxins and forty species of mould from a single urine sample. Mycotoxins are toxic metabolites produced by fungi like mould, which can grow in damp environments such as buildings, vehicles, and food products. Common symptoms linked to mycotoxin exposure include fever, pneumonia-like symptoms, chronic fatigue, memory loss, vision loss, asthma, skin rashes, depression, and liver damage. The test helps identify mycotoxin exposures and supports recommendations for detoxification treatments.

Mycotoxins are measured using liquid chromatography-mass spectrometry (LC-MS/MS), providing high sensitivity to detect even low levels of mycotoxins. The test is corrected for fluid intake using creatinine correction, ensuring accuracy.

The GPL-MycotoX test is indicated for neurological conditions (autism, Alzheimer's, Parkinson's, multiple sclerosis), chronic fatigue, memory loss, vision loss, and liver damage, as well as respiratory and immune symptoms (asthma, sinusitis, nose bleeding, pneumonia-like symptoms), anxiety, depression, ADHD, and mycotoxin exposure from environmental sources like mould in buildings or contaminated food.

OAT

The Organic Acid Test screens for 76 urinary metabolites, providing a comprehensive snapshot of a patient's overall health and uncovering underlying causes of chronic illness, including biomarkers for intestinal microbial overgrowth, oxalate metabolites, glycolytic cycle metabolites, mitochondrial markers, neurotransmitter metabolites, folate metabolism, ketone and fatty acid oxidation, nutritional markers, detoxification indicators, and amino acid metabolites.

This test is ideal for assessing underlying gut-derived bacterial and fungal toxins, mitochondrial function, and metabolic imbalances, and is useful for those with chronic and complex health conditions such as GI issues (IBS, dysbiosis, yeast), chronic fatigue, fibromyalgia, autism, ADHD, mental health issues, low energy, cognitive decline, nutrient deficiencies, headaches, joint/muscle pain, and skin issues.

OAT + MYCOTOX

The GPL-MycotoX test screens for eleven mycotoxins and forty species of mould from a single urine sample, helping to identify mycotoxin exposure linked to chronic diseases such as fever, pneumonia-like symptoms, heart disease, rheumatic disease, asthma, sinusitis, cancer, memory loss, vision loss, chronic fatigue, skin rashes, depression, ADHD, anxiety, and liver damage. This test, combined with the Great Plains Organic Acid Test, assesses 76 urinary metabolites to provide a comprehensive snapshot of a patient's overall health and uncover underlying causes for chronic illness. It includes biomarkers for intestinal microbial overgrowth, glycolytic cycle metabolites, mitochondrial markers (Krebs cycle), neurotransmitter metabolites, folate metabolism, ketone and fatty acid oxidation, nutritional markers, detoxification indicators, and amino acid metabolites. Organic acids, which are products of metabolism, are excreted in urine and offer a more sensitive and accurate measure of metabolic imbalances than blood or serum tests.



UNDERSTANDING YOUR HEALTH

Your health deserves the most accurate insights, and functional testing is your gateway to understanding and improving it. With tailored solutions designed to uncover and address the root causes of concerns, these tests empower you to take control of your health. For added support, explore the Supplement Needs range for science-backed products, or schedule a consultation with Dr Dean St Mart PhD to gain expert guidance tailored to your unique needs. Together, we'll help you take the next step towards a healthier, stronger you.



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*SN Hub does not provide interpretation or medical recommendations.
Our role is to help facilitate access to testing in a convenient, professional setting.