

Name:
Biological Sex: Male
Date of Birth:
Order Number:
Clinic: Steve Grant Health
Requested By: STEVE GRANT HEALTH

Sample Collection Date:
Date of Receipt:
Report Approved Date:
Report Status: Final
Report Generated On:

Panels

RDX_050_M

Additional Tests

Analyte	Result	Ref Low	Ref High	Low / High	Sample Type	Result Caveat	Results Status
Full Blood Count							
Haemoglobin	149.0 g/l	130.0	180.0		Blood		Final
Haematocrit	46.000 %	40.000	54.000		Blood		Final
Mean Cell Haemoglobin (MCH)	29.2 pg	27.0	32.0		Blood		Final
Mean Cell Haemoglobin Concentration (MCHC)	324.0 g/l	320.0	360.0		Blood		Final
Red Blood Cell Mean Cell Volume (MCV)	90.0 fl	76.0	100.0		Blood		Final
Red Blood Cell Count	5.11 10 ¹² /l	4.50	6.50		Blood		Final
Basophil Count	0.02 10 ⁹ /l	0.01	0.10		Blood		Final
Eosinophil Count	0.23 10 ⁹ /l	0.04	0.40		Blood		Final
Lymphocyte Count	2.24 10 ⁹ /l	1.00	3.50		Blood		Final
Monocyte Count	0.52 10 ⁹ /l	0.20	0.80		Blood		Final
Neutrophil Count	4.53 10 ⁹ /l	2.00	7.50		Blood		Final
White Blood Cell Count	7.54 10 ⁹ /l	4.00	10.00		Blood		Final
Platelet Count	307 10 ⁹ /l	150	450		Blood		Final
Iron Status							
Iron	17.4 µmol/l	5.8	34.5		Serum		Final
Ferritin	90.50 µg/l	19.999	300		Serum		Final
Total Iron Binding Capacity (TIBC)	51.8 µmol/l	44.8	80.6		Serum		Final
Transferrin	2.71 g/l	2.00	3.80		Serum		Final
Transferrin Saturation	33.6 %	20.0	50.0		Serum		Final
Heart Health							
Total Cholesterol	5.08 mmol/l		5.00	H	Serum		Final
LDL Cholesterol	3.09 mmol/l	1.40	3.00	H	Serum		Final
HDL Cholesterol	1.18 mmol/l	1.55		L	Serum		Final
Total Cholesterol / HDL Cholesterol Ratio	4.31 %		5.00		Serum		Final
Triglycerides	3.36 mmol/l		2.30	H	Serum		Final
Apolipoprotein A-I	155.5 mg/dl	95.0	186.0		Serum		Final
Apolipoprotein B	108 mg/dl	49	173		Serum		Final
Apolipoprotein B / A-I Ratio	0.69 -		1.00		Serum		Final
Apolipoprotein CIII	20.01 mg/dl	4.50	18.00	H	Serum		Final
Small LDL Cholesterol	39.65 mg/dl		64.40		Serum		Final
Lipoprotein (a)	205.4 nmol/l		75.0	H	Serum		Final
Homocysteine	7.7 µmol/l	3.7	13.9		Serum		Final
High Sensitivity C-Reactive Protein (hsCRP)	1.09 mg/l		1.00	H	Serum		Final
Creatine Kinase	111 u/l	40	320		Serum		Final
Diabetes Health							
Glucose	4.73 mmol/l	4.00	6.00		Blood		Final
HbA1c	36.01 mmol/mol		42.00		Blood		Final
Insulin	83.3 pmol/l	17.8	173.0		Serum		Final
C-peptide	2.82 ng/ml	1.10	4.40		Serum		Final

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<u>Metabolic Syndrome</u>							
Adiponectin	1.36 µg/ml	1.44	7.27	L	Serum		Final
HbA1c	36.01 mmol/mol		42.00		Blood		Final
Insulin	83.3 pmol/l	17.8	173.0		Serum		Final
C-peptide	2.82 ng/ml	1.10	4.40		Serum		Final
Leptin	6.6 µg/l		5.6	H	Serum		Final
Resistin	6.33 ng/ml	2.85	11.60		Serum		Final
High Sensitivity C-Reactive Protein (hsCRP)	1.09 mg/l		1.00	H	Serum		Final
<u>Kidney Health</u>							
Creatinine	76.9 µmol/l	64.0	104.0		Serum		Final
Estimated Glomerular Filtration Rate (eGFR)	105 ml/min/1.7	60			Serum		Final
Cystatin C	0.91 mg/l	0.57	1.05		Serum		Final
Calcium (adjusted)	2.40 mmol/l	2.20	2.60		Serum		Final
Chloride	96.8 mmol/l	95.0	108.0		Serum		Final
Magnesium	0.900 mmol/l	0.700	1.100		Serum		Final
Phosphate	1.320 mmol/l	0.800	1.500		Serum		Final
Potassium	4.27 mmol/l	3.50	5.30		Serum		Final
Sodium	135.5 mmol/l	133.0	146.0		Serum		Final
Urea	4.67 mmol/l	2.50	7.80		Serum		Final
Uric Acid	356.3 µmol/l	200.0	430.0		Serum		Final
<u>Urinalysis</u>							
Bilirubin (Urine)	Negative mg/dl				Urine		Final
Glucose (Urine)	Negative mg/dl				Urine		Final
Ketones (Urine)	Negative mg/dl				Urine		Final
Nitrite (Urine)	Negative mg/dl				Urine		Final
pH (Urine)	7.0 ph	5.0	7.5		Urine		Final
Protein (Urine)	Negative mg/dl				Urine		Final
Red Blood Cells (Urine)	Negative rbc/µl				Urine		Final
Urobilinogen (Urine)	0.2 mg/dl				Urine		Final
White Blood Cells (Urine)	Negative leuk/µl				Urine		Final
<u>Liver Health</u>							
Alanine Aminotransferase (ALT)	65.0 u/l		55.0	H	Serum		Final
Alkaline Phosphatase (ALP)	49 u/l	30	120		Serum		Final
Aspartate Aminotransferase (AST)	35.0 u/l		40.0		Serum		Final
Gamma-Glutamyltransferase (GGT)	114.5 u/l	10.0	71.0	H	Serum		Final
Total Bilirubin	10.00 µmol/l		21.00		Serum		Final
Albumin	49.3 g/l	35.0	50.0		Serum		Final
Ferritin	90.50 µg/l	19.999	300		Serum		Final
<u>Pancreatic Health</u>							
Pancreatic Amylase	23 u/l	13	53		Serum		Final
Lipase	37.5 u/l	5.0	65.0		Serum		Final

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<u>Digestive Health</u>							
H. pylori	<0.40 u/ml		0.90		Serum		Final
Anti-Tissue Transglutaminase Antibodies (Coeliac Disease)	<1.9 au/ml		19.9		Serum		Final
<u>Nutritional Health</u>							
Total Antioxidant Status (TAS)	2.02 mmol/l	1.30			Serum		Final
Albumin	49.3 g/l	35.0	50.0		Serum		Final
Calcium (adjusted)	2.40 mmol/l	2.20	2.60		Serum		Final
Magnesium	0.900 mmol/l	0.700	1.100		Serum		Final
Iron	17.4 µmol/l	5.8	34.5		Serum		Final
Folic acid	13.9 µg/l	3.0	26.8		Serum		Final
Vitamin B12	592 ng/l	197	771		Serum		Final
Vitamin D	80 nmol/l	50	375		Serum		Final
<u>Bone Health</u>							
Alkaline Phosphatase (ALP)	49 u/l	30	120		Serum		Final
Calcium (adjusted)	2.40 mmol/l	2.20	2.60		Serum		Final
Phosphate	1.320 mmol/l	0.800	1.500		Serum		Final
Vitamin D	80 nmol/l	50	375		Serum		Final
Parathyroid Hormone (PTH)	2.6 pmol/l	1.6	6.9		Serum		Final
<u>Allergy Evaluation</u>							
Immunoglobulin E (IgE)	65.9 ku/l		100.0		Serum		Final
<u>Infection & Inflammation</u>							
C-Reactive Protein (CRP)	1.09 mg/l		5.00		Serum		Final
Rheumatoid Factor (RF)	<6.72 ku/l		19.999		Serum		Final
Complement Component 3 (C3)	1.347 g/l	0.900	1.700		Serum		Final
Complement Component 4 (C4)	0.222 g/l	0.180	0.490		Serum		Final
Immunoglobulin A (IgA)	1.224 g/l	0.900	4.500		Serum		Final
Immunoglobulin G (IgG)	10.35 g/l	6.00	16.00		Serum		Final
Immunoglobulin M (IgM)	0.956 g/l	0.600	2.500		Serum		Final
Antistreptolysin O (ASO)	87.7 iu/ml		200.0		Serum		Final
<u>Thyroid Health</u>							
Thyroid Stimulating Hormone (TSH)	3.294 miu/l	0.350	5.500		Serum		Final
Free Thyroxine (FT4)	14.50 pmol/l	11.90	21.60		Serum		Final
Free Tri-iodothyronine (FT3)	5.19 pmol/l	3.10	6.80		Serum		Final
Anti-Thyroglobulin Antibody (Anti-Tg)	13.2 iu/ml		115		Serum		Final
Anti-Thyroid Peroxidase Antibody (Anti-TPO)	9.49 ku/l		34		Serum		Final
<u>Stress Health</u>							
Cortisol	532 nmol/l	138	690		Serum		Final
Testosterone	8.403 nmol/l	6.399	32.860		Serum		Final
<u>Hormonal Health</u>							
Cortisol	532 nmol/l	138	690		Serum		Final

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Hormonal Health							
Dehydroepiandrosterone Sulphate (DHEAs)	4.5 µmol/l	1.2	9.0		Serum		Final
Follicle Stimulating Hormone	5.9 iu_l	1.5	12.4		Serum		Final
Oestradiol	95.6 pmol/l	41.4	159.0		Serum		Final
Luteinising Hormone	2.6 iu_l	1.7	8.6		Serum		Final
Progesterone	0.68 nmol/l		0.47	H	Serum		Final
Prolactin	245 miu/l	86	324		Serum		Final
Testosterone	8.403 nmol/l	6.399	32.860		Serum		Final
Sex Hormone Binding Globulin	33.30 nmol/l	10.00	57.00		Serum		Final
Free Androgen Index	25.23 %	24.30	72.10		Serum		Final
Other tests							
AA	15.91 %	9.81	18.32		Blood		Final
AA:EPA	12.4 -	2.49	11.11	H	Blood		Final
EPA	1.29 %	0.25	4.50		Blood		Final
Omega 3 Index	7.28 %	7.99	12.01	L	Blood		Final
Omega 6 / Omega 3	3.0 -	3.09	5.11	L	Blood		Final
Total Prostate Specific Antigen (TPSA)	1.07 µg/l		3.10		Serum		Final
Trans Fat Index	0.49 %		1.01		Blood		Final

- End of Report -

Result Colour Key: Results in blue with L in the In Range column fall below the Ref Low range
 Results in red with H in the In Range column fall above the Ref High range