

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_054_M

Additional Tests

Analyte	Result	Ref Low	Ref High	Low / High	Sample Type	Result Caveat	Results Status
Full Blood Count							
Haemoglobin	148.0 g/l	130.0	180.0		Blood		Final
Haematocrit	45.200 %	40.000	54.000		Blood		Final
Mean Cell Haemoglobin (MCH)	31.2 pg	27.0	32.0		Blood		Final
Mean Cell Haemoglobin Concentration (MCHC)	327.0 g/l	320.0	360.0		Blood		Final
Red Blood Cell Mean Cell Volume (MCV)	95.4 fl	76.0	100.0		Blood		Final
Red Blood Cell Count	4.74 10 ¹² /l	4.50	6.50		Blood		Final
Basophil Count	0.03 10 ⁹ /l	0.01	0.10		Blood		Final
Eosinophil Count	0.09 10 ⁹ /l	0.04	0.40		Blood		Final
Lymphocyte Count	1.88 10 ⁹ /l	1.00	3.50		Blood		Final
Monocyte Count	0.47 10 ⁹ /l	0.20	0.80		Blood		Final
Neutrophil Count	2.01 10 ⁹ /l	2.00	7.50		Blood		Final
White Blood Cell Count	4.48 10 ⁹ /l	4.00	10.00		Blood		Final
Platelet Count	244 10 ⁹ /l	150	450		Blood		Final
Iron Status							
Iron	16.0 µmol/l	5.8	34.5		Serum		Final
Ferritin	105.38 µg/l	19.999	300		Serum		Final
Total Iron Binding Capacity (TIBC)	58.4 µmol/l	44.8	80.6		Serum		Final
Transferrin	2.24 g/l	2.00	3.80		Serum		Final
Transferrin Saturation	27.4 %	20.0	50.0		Serum		Final
Heart Health							
Total Cholesterol	4.15 mmol/l		5.00		Serum		Final
LDL Cholesterol	1.99 mmol/l	1.40	3.00		Serum		Final
HDL Cholesterol	1.57 mmol/l	1.55			Serum		Final
Total Cholesterol / HDL Cholesterol Ratio	2.64 %		5.00		Serum		Final
Non HDL Cholesterol	2.58 mmol/l		4.00		Serum		Final
Triglycerides	0.59 mmol/l		2.30		Serum		Final
Apolipoprotein A-I	136.3 mg/dl	95.0	186.0		Serum		Final
Apolipoprotein B	56 mg/dl	49	173		Serum		Final
Apolipoprotein CII	Cancelled	Test not available.					
Apolipoprotein CIII	5.65 mg/dl	4.50	18.00		Serum		Final
Apolipoprotein E	Cancelled	Test not available.					
Small LDL Cholesterol	8.02 mg/dl		60.80		Serum		Final
Lipoprotein (a)	<16.2 nmol/l		75.0		Serum		Final
High Sensitivity C-Reactive Protein (hsCRP)	<0.30 mg/l		1.00		Serum		Final
Diabetes Health							
Glucose	5.08 mmol/l	4.00	6.00		Blood		Final
HbA1c	38.35 mmol/mol		42.00		Blood		Final
Insulin	78.8 pmol/l	17.8	173.0		Serum		Final
C-peptide	2.28 ng/ml	1.10	4.40		Serum		Final

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<u>Metabolic Syndrome</u>							
Adiponectin	0.09 µg/ml	1.44	7.27	L	Serum		Final
HbA1c	38.35 mmol/mol		42.00		Blood		Final
Insulin	78.8 pmol/l	17.8	173.0		Serum		Final
C-peptide	2.28 ng/ml	1.10	4.40		Serum		Final
Leptin	3.2 µg/l		5.6		Serum		Final
Resistin	4.94 ng/ml	2.85	11.60		Serum		Final
High Sensitivity C-Reactive Protein (hsCRP)	<0.30 mg/l		1.00		Serum		Final
<u>Kidney Health</u>							
Creatinine	94.3 µmol/l	64.0	104.0		Serum		Final
Estimated Glomerular Filtration Rate (eGFR)	93 ml/min/1.7	60			Serum		Final
Cystatin C	0.92 mg/l	0.57	1.05		Serum		Final
Calcium (adjusted)	2.40 mmol/l	2.20	2.60		Serum		Final
Chloride	96.9 mmol/l	95.0	108.0		Serum		Final
Magnesium	1.000 mmol/l	0.700	1.100		Serum		Final
Phosphate	0.940 mmol/l	0.800	1.500		Serum		Final
Potassium	4.80 mmol/l	3.50	5.30		Serum		Final
Sodium	141.4 mmol/l	133.0	146.0		Serum		Final
Urea	5.17 mmol/l	2.50	7.80		Serum		Final
Uric Acid	271.8 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)	Small leuk/µl				Urine		Final
<u>Liver Health</u>							
Alanine Aminotransferase (ALT)	28.0 u/l		55.0		Serum		Final
Alkaline Phosphatase (ALP)	44 u/l	30	120		Serum		Final
Aspartate Aminotransferase (AST)	20.0 u/l		40.0		Serum		Final
Gamma-Glutamyltransferase (GGT)	11.7 u/l	10.0	71.0		Serum		Final
Total Bilirubin	13.39 µmol/l		21.00		Serum		Final
Albumin	49.5 g/l	35.0	50.0		Serum		Final
Ferritin	105.38 µg/l	19.999	300		Serum		Final
<u>Nutritional Health</u>							
Albumin	49.5 g/l	35.0	50.0		Serum		Final
Calcium (adjusted)	2.40 mmol/l	2.20	2.60		Serum		Final
Magnesium	1.000 mmol/l	0.700	1.100		Serum		Final
Iron	16.0 µmol/l	5.8	34.5		Serum		Final

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<u>Nutritional Health</u>							
Folic acid	16.1 µg/l	3.0	26.8		Serum		Final
Vitamin B12	625 ng/l	197	771		Serum		Final
Vitamin D	107 nmol/l	50	375		Serum		Final
<u>Infection & Inflammation</u>							
C-Reactive Protein (CRP)	<0.30 mg/l		5.00		Serum		Final
<u>Thyroid Health</u>							
Thyroid Stimulating Hormone (TSH)	3.290 miu/l	0.550	4.780		Serum		Final
Free Thyroxine (FT4)	16.70 pmol/l	11.90	21.60		Serum		Final
Free Tri-iodothyronine (FT3)	5.42 pmol/l	3.10	6.80		Serum		Final
Anti-Thyroglobulin Antibody (Anti-Tg)	17.2 iu/ml		115		Serum		Final
Anti-Thyroid Peroxidase Antibody (Anti-TPO)	9.06 ku/l		34		Serum		Final
<u>Hormonal Health</u>							
Follicle Stimulating Hormone	1.66 iu_l	1.499	12.4		Serum		Final
Oestradiol	83.9 pmol/l	41.4	159.0		Serum		Final
Luteinising Hormone	2.8 iu_l	1.7	8.6		Serum		Final
Progesterone	0.21 nmol/l		0.47		Serum		Final
Prolactin	226 miu/l	86	324		Serum		Final
Testosterone	21.820 nmol/l	8.400	28.700		Serum		Final
Sex Hormone Binding Globulin	41.90 nmol/l	18.30	54.10		Serum		Final
Free Androgen Index	52.08 %	35.00	92.60		Serum		Final
<u>Other tests</u>							
Total Prostate Specific Antigen (TPSA)	0.79 µg/l		1.40		Serum		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