

Name:
Biological Sex: Female
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_F

Additional Tests

Analyte	Result	Ref Low	Ref High	Low / High	Sample Type	Result Caveat	Results Status
Full Blood Count							
Haemoglobin	142.0 g/l	115.0	165.0		Blood		Final
Haematocrit	45.600 %	37.000	47.000		Blood		Final
Mean Cell Haemoglobin (MCH)	28.2 pg	27.0	32.0		Blood		Final
Mean Cell Haemoglobin Concentration (MCHC)	311.0 g/l	320.0	360.0	L	Blood		Final
Red Blood Cell Mean Cell Volume (MCV)	90.5 fl	76.0	100.0		Blood		Final
Red Blood Cell Count	5.04 10 ¹² /l	3.80	5.80		Blood		Final
Basophil Count	0.08 10 ⁹ /l	0.01	0.10		Blood		Final
Eosinophil Count	0.32 10 ⁹ /l	0.04	0.40		Blood		Final
Lymphocyte Count	1.89 10 ⁹ /l	1.00	3.50		Blood		Final
Monocyte Count	0.44 10 ⁹ /l	0.20	0.80		Blood		Final
Neutrophil Count	3.86 10 ⁹ /l	2.00	7.50		Blood		Final
White Blood Cell Count	6.59 10 ⁹ /l	4.00	10.00		Blood		Final
Platelet Count	290 10 ⁹ /l	150	450		Blood		Final
Iron Status							
Iron	15.1 µmol/l	5.8	34.5		Serum		Final
Ferritin	25.22 µg/l	9.999	120		Serum		Final
Total Iron Binding Capacity (TIBC)	79.3 µmol/l	44.8	80.6		Serum		Final
Transferrin	2.95 g/l	2.00	3.80		Serum		Final
Transferrin Saturation	19.0 %	15.0	50.0		Serum		Final
Heart Health							
Total Cholesterol	5.35 mmol/l		5.00	H	Serum		Final
LDL Cholesterol	3.42 mmol/l	1.40	3.00	H	Serum		Final
HDL Cholesterol	1.39 mmol/l	1.55		L	Serum		Final
Total Cholesterol / HDL Cholesterol Ratio	3.85 %		5.00		Serum		Final
Triglycerides	0.87 mmol/l		2.30		Serum		Final
Apolipoprotein A-I	155.3 mg/dl	101.0	223.0		Serum		Final
Apolipoprotein B	94 mg/dl	53	182		Serum		Final
Apolipoprotein B / A-I Ratio	0.61 -		0.90		Serum		Final
Apolipoprotein CIII	10.23 mg/dl	4.50	18.00		Serum		Final
Small LDL Cholesterol	21.92 mg/dl		60.80		Serum		Final
Lipoprotein (a)	121.8 nmol/l		75.0	H	Serum		Final
Homocysteine	10.3 µmol/l	3.7	13.9		Serum		Final
High Sensitivity C-Reactive Protein (hsCRP)	0.43 mg/l		1.00		Serum		Final
Creatine Kinase	82 u/l	25	200		Serum		Final
Diabetes Health							
Glucose	4.53 mmol/l	4.00	6.00		Blood		Final
HbA1c	30.36 mmol/mol		42.00		Blood		Final
Insulin	38.8 pmol/l	17.8	173.0		Serum		Final
C-peptide	1.76 ng/ml	1.10	4.40		Serum		Final

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<u>Metabolic Syndrome</u>							
Adiponectin	Cancelled	Test not available.					
HbA1c	30.36			42.00	Blood		Final
Insulin	38.8	17.8		173.0	Serum		Final
C-peptide	1.76	1.10		4.40	Serum		Final
Leptin	8.4			15.4	Serum		Final
Resistin	7.42	2.85		11.60	Serum		Final
High Sensitivity C-Reactive Protein (hsCRP)	0.43			1.00	Serum		Final
<u>Kidney Health</u>							
Creatinine	100.2		49.0	90.0	H	Serum	Final
Estimated Glomerular Filtration Rate (eGFR)	63		60			Serum	Final
Cystatin C	1.10		0.57	1.05	H	Serum	Final
Calcium (adjusted)	2.46	2.20		2.60		Serum	Final
Chloride	96	95		108		Serum	Final
Magnesium	0.810	0.700		1.100		Serum	Final
Phosphate	1.170	0.800		1.500		Serum	Final
Potassium	4.24	3.50		5.30		Serum	Final
Sodium	142.1	133.0		146.0		Serum	Final
Urea	5.38	2.50		7.80		Serum	Final
Uric Acid	266.7	140.0		360.0		Serum	Final
<u>Urinalysis</u>							
Bilirubin (Urine)	Negative					Urine	Final
Glucose (Urine)	Negative					Urine	Final
Ketones (Urine)	Negative					Urine	Final
Nitrite (Urine)	Negative					Urine	Final
pH (Urine)	7.0	5.0		7.5		Urine	Final
Protein (Urine)	Negative					Urine	Final
Red Blood Cells (Urine)	Negative					Urine	Final
Urobilinogen (Urine)	0.2					Urine	Final
White Blood Cells (Urine)	Negative					Urine	Final
<u>Liver Health</u>							
Alanine Aminotransferase (ALT)	20.0			55.0		Serum	Final
Alkaline Phosphatase (ALP)	40	30		120		Serum	Final
Aspartate Aminotransferase (AST)	21.0			32.0		Serum	Final
Gamma-Glutamyltransferase (GGT)	13.0	8.0		42.0		Serum	Final
Total Bilirubin	9.87			21.00		Serum	Final
Albumin	45.9	35.0		50.0		Serum	Final
Ferritin	25.22	9.999		120		Serum	Final
<u>Pancreatic Health</u>							
Pancreatic Amylase	33	13		53		Serum	Final
Lipase	52.1	5.0		65.0		Serum	Final

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<u>Digestive Health</u>							
H. pylori	0.84 u/ml		0.90		Serum		Final
Anti-Tissue Transglutaminase Antibodies (Coeliac Disease)	<0.2 au/ml		6.99		Serum		Final
<u>Nutritional Health</u>							
Total Antioxidant Status (TAS)	1.66 mmol/l	1.30			Serum		Final
Albumin	45.9 g/l	35.0	50.0		Serum		Final
Calcium (adjusted)	2.46 mmol/l	2.20	2.60		Serum		Final
Magnesium	0.810 mmol/l	0.700	1.100		Serum		Final
Iron	15.1 µmol/l	5.8	34.5		Serum		Final
Folic acid	5.1 µg/l	3.8	26.8		Serum		Final
Vitamin B12	660 ng/l	197	771		Serum		Final
Vitamin D	122 nmol/l	50	375		Serum		Final
<u>Muscle & Joint Health</u>							
Creatine Kinase	82 u/l	25	200		Serum		Final
Uric Acid	266.7 µmol/l	140.0	360.0		Serum		Final
Rheumatoid Factor (RF)	<6.72 ku/l		19.999		Serum		Final
<u>Bone Health</u>							
Alkaline Phosphatase (ALP)	40 u/l	30	120		Serum		Final
Calcium (adjusted)	2.46 mmol/l	2.20	2.60		Serum		Final
Phosphate	1.170 mmol/l	0.800	1.500		Serum		Final
Vitamin D	122 nmol/l	50	375		Serum		Final
Parathyroid Hormone (PTH)	1.6 pmol/l	1.6	6.9		Serum		Final
<u>Allergy Evaluation</u>							
Immunoglobulin E (IgE)	33.1 ku/l		100.0		Serum		Final
<u>Infection & Inflammation</u>							
C-Reactive Protein (CRP)	0.43 mg/l		5.00		Serum		Final
Rheumatoid Factor (RF)	<6.72 ku/l		19.999		Serum		Final
Complement Component 3 (C3)	1.035 g/l	0.900	1.700		Serum		Final
Complement Component 4 (C4)	0.260 g/l	0.180	0.490		Serum		Final
Immunoglobulin A (IgA)	1.078 g/l	0.900	4.500		Serum		Final
Immunoglobulin G (IgG)	11.96 g/l	6.00	16.00		Serum		Final
Immunoglobulin M (IgM)	1.110 g/l	0.700	2.800		Serum		Final
Antistreptolysin O (ASO)	68.1 iu/ml		200.0		Serum		Final
<u>Tumour Associated Markers</u>							
Cancer Antigen 125 (CA 125)	20 ku/l		35		Serum		Final
<u>Thyroid Health</u>							
Thyroid Stimulating Hormone (TSH)	2.930 miu/l	0.350	5.500		Serum		Final
Free Thyroxine (FT4)	17.80 pmol/l	11.90	21.60		Serum		Final
Free Tri-iodothyronine (FT3)	4.79 pmol/l	3.10	6.80		Serum		Final
Anti-Thyroglobulin Antibody (Anti-Tg)	270 iu/ml		115	H	Serum		Final

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Thyroid Health							
Anti-Thyroid Peroxidase Antibody (Anti-TPO)	51.8 ku/l		34	H	Serum		Final
Stress Health							
Cortisol	151 nmol/l	138	690		Serum		Final
Testosterone	0.419 nmol/l	0.290	1.670		Serum		Final
Hormonal Health							
Cortisol	151 nmol/l	138	690		Serum		Final
Dehydroepiandrosterone Sulphate (DHEAs)	3.9 µmol/l	1.7	9.2		Serum		Final
Follicle Stimulating Hormone	6.5 iu_l		134.8		Serum		Final
Oestradiol	389.0 pmol/l		1461.0		Serum		Final
Luteinising Hormone	8.3 iu_l	1.0	95.6		Serum		Final
Progesterone	<0.16 nmol/l		46.30		Serum		Final
Prolactin	183 miu/l	102	496		Serum		Final
Testosterone	0.419 nmol/l	0.290	1.670		Serum		Final
Sex Hormone Binding Globulin	70.00 nmol/l	32.40	128.00		Serum		Final
Free Androgen Index	0.60 %	0.30	5.62		Serum		Final
Other tests							
AA	17.23 %	9.81	18.32		Blood		Final
AA:EPA	16.2 -	2.49	11.11	H	Blood		Final
EPA	1.07 %	0.25	4.50		Blood		Final
Omega 3 Index	8.23 %	7.99	12.01		Blood		Final
Omega 6 / Omega 3	3.1 -	3.09	5.11		Blood		Final
Trans Fat Index	0.96 %		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