

PATIENT	Surname: De Silva
	Forename: Shay
	DOB: 07-Aug-1998
	Sex: M

LABORATORY	Sample date: 10-Aug-2017
	Report date: 11-Aug-2017
	PID: 2017064552
	Lab ref: CP149719,CP148602

WELL MAN ULTRAVIT

Test	Result	Units	Range
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HAEMATOLOGY

Red Blood Cells

HAEMOGLOBIN (G/L)	159	g/L	130.00 - 170.00
HCT	0.468	L/L	0.37 - 0.50
RED CELL COUNT	5.43	x10 ¹² /L	4.40 - 5.80
MCV	86	fL	80.00 - 99.00
MCH	29.4	pg	26.00 - 33.50
MCHC (G/L)	341	g/L	300.00 - 350.00
RDW	12.1	%	11.50 - 15.00

White Blood Cells

WHITE CELL COUNT	7.6	x10 ⁹ /L	3.00 - 10.00
NEUTROPHILS	3.64	x10 ⁹ /L	2.00 - 7.50
LYMPHOCYTES	3.05	x10 ⁹ /L	1.20 - 3.65
MONOCYTES	0.55	x10 ⁹ /L	0.20 - 1.00
EOSINOPHILS	0.23	x10 ⁹ /L	0.00 - 0.40
BASOPHILS	0.10	x10 ⁹ /L	0.00 - 0.10

Clotting Status

PLATELET COUNT	220	x10 ⁹ /L	150.00 - 400.00
MPV	10.4	fL	7.00 - 13.00

Inflammation Marker

CRP - HIGH SENSITIVITY	0.9	mg/l	0.00 - 5.00
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BIOCHEMISTRY

Kidney Function

SODIUM	143.1	mmol/L	135.00 - 145.00
UREA	5.1	mmol/L	1.70 - 8.30
CREATININE	86	umol/L	66.00 - 112.00

Liver Function

ALKALINE PHOSPHATASE	128	IU/L	40.00 - 129.00
ASPARTATE TRANSFERASE	*42	IU/L	0.00 - 37.00
ALANINE TRANSFERASE	35.4	IU/L	10.00 - 50.00
CK	*272	IU/L	38.00 - 204.00
GAMMA GT	20	IU/L	10.00 - 71.00
BILIRUBIN	9.8	umol/L	0.00 - 20.00

Proteins

TOTAL PROTEIN	71.7	g/L	63.00 - 83.00
ALBUMIN	44.2	g/L	34.00 - 50.00
GLOBULIN	27.5	g/L	19.00 - 35.00

Bone Health

CALCIUM	2.56	mmol/L	2.20 - 2.60
CORRECTED CALCIUM	2.48	mmol/L	2.20 - 2.60

Gout

URIC ACID	392	umol/L	266.00 - 474.00
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Diabetes

HBA1C (MMOL/MOL)	31.00	mmol/mol	20.00 - 42.00
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laboratory report



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BIOCHEMISTRY

Iron Status

IRON	27.47	umol/L	10.60 - 28.30
T.I.B.C	66.87	umol/L	41.00 - 77.00
TRANSFERRIN SATURATION	41.08	%	20.00 - 55.00
FERRITIN	102	ug/L	30.00 - 400.00

Cholesterol Status

TRIGLYCERIDES	1.43	mmol/L	0.00 - 2.30
CHOLESTEROL	4.8	mmol/L	0.00 - 4.99
HDL CHOLESTEROL	*1.61	mmol/L	0.90 - 1.50
LDL CHOLESTEROL	2.54	mmol/L	0.00 - 3.00
Non-HDL Cholesterol	3.19	mmol/L	0.00 - 3.99

Heart Disease Risk

HDL % OF TOTAL	33.54	%	20.00 - 100.00
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ENDOCRINOLOGY

Thyroid Function

THYROID STIMULATING HORMONE	3.92	mIU/L	0.27 - 4.20
FREE THYROXINE	18.2	pmol/L	12.00 - 22.00

Prostate Screen

PROSTATE SPECIFIC AG (TOTAL)	0.389	ug/L	0.00 - 1.40
PROSTATE SPECIFIC AG (FREE)	0.168	ug/L	0.00 - 0.90
FREE:TOTAL RATIO	0.43		0.19 - 1.00

Hormone

TESTOSTERONE	12	nmol/L	7.60 - 31.40
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HAEMATOLOGY

Vitamins

VITAMIN B12	158	pmol/L	140.00 - 724.00
FOLATE (SERUM)	3.88	ug/L	2.91 - 50.00
25 OH VITAMIN D	54.5	nmol/L	50.00 - 200.00

Interpretation of results:
Deficient <25
Insufficient 25 - 49
Normal Range 50 - 200
Consider reducing dose >200