

Patient:

Date of Birth:

Age: 31

Sex: M

Order #:

Order Date: 08 December 2025

Clinic: Healthpath Ltd

Post Code: W1W 7LT

Blood Test Report

Red Blood Cells

Marker	Result	Units	Range
RBC	4.98	10 ¹² -L	4.520 - 6.140
Haemoglobin	154	g-L	137.000 - 178.000
HCT	0.453	L-L	0.401 - 0.515
MCV	91.0	fL	79.300 - 95.600
MCH	30.9	pg-cell	26.300 - 32.700
MCHC	340	g-L	325.000 - 362.000
RDW-SD	40.3	fl	35.400 - 45.400
RDW-CV	11.9	%	11.500 - 15.000

White Blood Cells

Marker	Result	Units	Range
EOS%	2.5	%	0.000 - 4.400
Eosinophils	0.12	10 ⁹ -L	0.001 - 0.400
BASO%	0.6	%	0.001 - 0.700
Basophils	0.03	10 ⁹ -L	0.001 - 0.100
WBC	4.76	10 ⁹ -L	3.000 - 10.000
NEUT%	48.3	%	40.300 - 74.800
Neutrophils	2.30	10 ⁹ -L	2.000 - 7.500
LYM%	40.8	%	14.000 - 40.000
Lymphocytes	1.94	10 ⁹ -L	1.200 - 3.650
MONO%	7.8	%	4.000 - 12.300
Monocytes	0.37	10 ⁹ -L	0.200 - 1.000

Platelets

Marker	Result	Units	Range
PLT	197	10 ⁹ -L	150.000 - 400.000
MPV	11.7	fl	7.000 - 13.000
Platelet large cell ratio	38.4	%	16.000 - 41.300
PDW	16.0	fl	9.200 - 16.700
Plateletcrit	0.23	%	0.150 - 0.350

Electrolytes

Marker	Result	Units	Range
Sodium	141	mmol-L	136.000 - 145.000
Potassium	5.3	mmol-L	3.500 - 5.100
Chloride	100	mmol-L	98.000 - 107.000
Bicarbonate	27.7	mmol-L	3.000 - 29.000

Enzymes

Marker	Result	Units	Range
Alfa-amylase	97	U-L	28.000 - 100.000
Lipase	34	U-L	13.000 - 60.000

Sex Hormones

Marker	Result	Units	Range
Dehydroepiandrosterone sulfate (DHEA-S)	391.0	µg-dL	160.000 - 449.000

Inflammation

Marker	Result	Units	Range
ESR	3	mm-h	0.100 - 20.000
C-reactive protein (CRP)	<0.6	mg-L	0.001 - 5.000
C-reactive protein high-sensitivity (hsCRP)	0.15	mg-L	0.000 - 3.000
Homocysteine	10.1	umol-L	0.010 - 15.000

Iron

Marker	Result	Units	Range
UIBC	25.8	umol-L	22.300 - 61.700
Transferrin saturation (calculated)	55.1	%	20.000 - 50.000
Transferrin	2.65	g-L	2.000 - 3.600
Iron	31.7	umol-L	5.830 - 34.500
Ferritin	166.0	ng-mL	30.000 - 400.000
TIBC (calculated)	57.5	umol-L	41.000 - 77.000

Lipids

Marker	Result	Units	Range
Total cholesterol	5.58	mmol-L	3.000 - 5.170
Triglycerides	1.00	mmol-L	0.560 - 1.710
HDL-cholesterol	1.44	mmol-L	1.030 - 2.000
LDL-cholesterol (calculated)	3.76	mmol-L	1.500 - 4.120

Liver

Marker	Result	Units	Range
Aspartate aminotransferase (AST)	20	U-L	0.001 - 32.000
Direct bilirubin	8.8	umol-L	0.010 - 5.000
Indirect bilirubin (calculated)	11.5	umol-L	0.010 - 19.000
Gamma-glutamyltransferase (GGT)	9	U-L	8.000 - 61.000
Alanine aminotransferase (ALT)	26	U-L	0.001 - 33.000
Alkaline phosphatase (ALP)	42	U-L	35.000 - 104.000
Lactate dehydrogenase (LDH)	141	U-L	135.000 - 214.000
Total bilirubin	20.3	umol-L	0.010 - 24.000

Metabolic

Marker	Result	Units	Range
Creatine kinase (CK)	91	U-L	0.000 - 190.000
Uric acid	331	umol-L	202.000 - 416.000
Anion gap (calculated)	18.6	mmol-L	7.000 - 19.000

Minerals

Marker	Result	Units	Range
Calcium	2.42	mmol-L	2.050 - 2.400
Magnesium	0.88	mmol-L	0.660 - 1.070
Phosphate (inorganic)	1.24	mmol-L	0.810 - 1.450

Proteins

Marker	Result	Units	Range
Total protein	72.3	g-L	64.000 - 83.000
Albumin	51.3	g-L	35.000 - 52.000
Globulin (calculated)	21.0	g-L	19.000 - 35.000

Sugar

Marker	Result	Units	Range
Glycated hemoglobin (HbA1c) %	5.04	%	4.800 - 5.900
Insulin	2.7	μU-mL	2.600 - 24.900
Glucose	4.62	mmol-L	3.900 - 5.500
QUICKI	0.18		0.300 - 5.000
Triglycerides : Glucose Index	4.45		0.000 - 8.400
Estimated Average Glucose (EAG)	5.44		5.050 - 6.800
HOMA IR	0.55		0.450 - 2.500
HbA1C mmol/mol	31.58		29.000 - 41.000

Thyroid

Marker	Result	Units	Range
Thyroid-stimulating hormone (TSH)	1.700	mIU-L	0.270 - 4.200
Free triiodothyronine (fT3)	4.96	pmol-L	3.100 - 6.800
Triiodothyronine (T3)	1.56	nmol-L	1.300 - 3.100
Free thyroxine (fT4)	18.0	pmol-L	12.000 - 22.000
Thyroxine (T4)	91.5	nmol-L	66.000 - 181.000

Vitamins

Marker	Result	Units	Range
Vitamin D (25-OH)	27.7	ng-mL	30.000 - 110.000

Vitamins

Marker	Result	Units	Range
Vitamin B12	699	pg-mL	197.000 - 771.000
Folate	8.0	ng-mL	3.890 - 26.800

Renal

Marker	Result	Units	Range
eGFR	98	mL-min-1.73m2	90.000 - 140.000
BUN/Creatinine Ratio	11.85		-
Creatinine	92	umol-L	59.000 - 104.000
Urea	4.4	mmol-L	3.200 - 7.300