

WEST, PETER NEVILLE
10 FLORIBUNDA AVE, WARWICK. 4370
Phone: 04 16248802
Birthdate: 07/07/1955 Sex: M Medicare Number: 40691406421
Your Reference: Lab Reference: 25-90098795-CBC-0
Laboratory: QML Pathology
Addressee: DR HELEN CHORLEY Referred by: DR HELEN CHORLEY

Name of Test: MASTER FULL BLOOD COUNT
Requested: 09/05/2025 Collected: 16/05/2025 Reported: 16/05/2025
22:25

FULL BLOOD EXAMINATION

Haemoglobin	143	g/L	(130-180)
Red Cell Count	4.7	$\times 10^{12}$ /L	(4.0-6.0)
Haematocrit	0.43		(0.36-0.52)
Mean Cell Volume	93	fL	(80-98)
Mean Cell Haemoglobin	31	pg	(27-35)
Platelet Count	309	$\times 10^9$ /L	(150-450)
White Cell Count	5.9	$\times 10^9$ /L	(4.0-11.0)
Neutrophils	51 %	3.0 $\times 10^9$ /L	(2.0-7.5)
Lymphocytes	31 %	1.8 $\times 10^9$ /L	(1.1-4.0)
Monocytes	13 %	0.8 $\times 10^9$ /L	(0.2-1.0)
Eosinophils	4 %	0.24 $\times 10^9$ /L	(0.04-0.40)
Basophils	1 %	0.06 $\times 10^9$ /L	(< 0.21)

Automated Comment:

As per ISLH guidelines - Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

All haematology parameters are within normal limits for age and sex.

** FINAL REPORT - Please destroy previous report **

Clinical Notes : On eltroxin

Tests Completed:FBC

Tests Pending :TFT, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE HDL

Tests Pending :BL HBA1C, PSA

WEST, PETER NEVILLE
10 FLORIBUNDA AVE, WARWICK. 4370
Phone: 04 16248802
Birthdate: 07/07/1955 Sex: M Medicare Number: 40691406421
Your Reference: Lab Reference: 25-90098795-A1C-0
Laboratory: QML Pathology
Addressee: DR HELEN CHORLEY Referred by: DR HELEN CHORLEY

Name of Test: HAEMOGLOBIN A1C, BLOOD
Requested: 09/05/2025 Collected: 16/05/2025 Reported: 17/05/2025
09:15

CUMULATIVE GLYCATED HAEMOGLOBIN

Date 16/05/25
Time 07:36
Lab No 90098795

HbA1c Fraction 5.4 %
in SI units 35 mmol/mol

Note: Caution is needed in interpreting HbA1c results in the presence of conditions affecting red blood cell survival times, which may lead to either falsely high or falsely low HbA1c results.

HbA1c diagnostic levels - RCPA 2014

< 6.1% (<43 mmol/mol) - current diabetes is excluded
6.1-6.4% (43-47 mmol/mol) - high risk for future diabetes
> 6.4% (>48 mmol/mol) - diabetes is likely

Unless patient has supportive symptoms or elevated plasma glucose values, repeat test is recommended.

Currently, Medicare will fund only one diagnostic test per year.

Sample may be collected at any time - fasting is not required.

Note - diabetes tolerance may be impaired by chronic illness, use of certain drugs including steroids, Cushing syndrome, etc. We would advise considering secondary forms in newly-diagnosed patients.

For clinical enquiries, please contact Dr Appleton, Chang or Marshall

Clinical Notes : On eltroxin

Tests Completed: FBC, BL HBA1C

Tests Pending : TFT, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE HDL, PSA

WEST, PETER NEVILLE
10 FLORIBUNDA AVE, WARWICK. 4370
Phone: 04 16248802
Birthdate: 07/07/1955 Sex: M Medicare Number: 40691406421
Your Reference: Lab Reference: 25-90098795-VD-0
Laboratory: QML Pathology
Addressee: DR HELEN CHORLEY Referred by: DR HELEN CHORLEY

Name of Test: VITAMIN D, SERUM
Requested: 09/05/2025 Collected: 16/05/2025 Reported: 17/05/2025
13:28

CUMULATIVE SERUM VITAMIN D

Date	12/07/24	16/05/25
Time	10:31	07:36
Lab No	75420387	90098795
Vitamin D3	109	112 nmol/L (> 49)

90098795
** Progress report.

Clinical Notes : On eltroxin

Tests Completed:FBC, SE VIT D, BL HBA1C
Tests Pending :TFT, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE HDL, PSA

WEST, PETER NEVILLE
10 FLORIBUNDA AVE, WARWICK. 4370
Phone: 04 16248802
Birthdate: 07/07/1955 Sex: M Medicare Number: 40691406421
Your Reference: Lab Reference: 25-90098795-PSA-0
Laboratory: QML Pathology
Addressee: DR HELEN CHORLEY Referred by: DR HELEN CHORLEY

Name of Test: PROSTATE SPECIFIC ANTIGEN
Requested: 09/05/2025 Collected: 16/05/2025 Reported: 17/05/2025
13:30

Total PSA (Alinity) 3.30 ug/L (0.30-5.50)

For men under 70, if PSA levels are > 3.0 ug/L but < 10 ug/L (or >2 ug/L but < 10 ug/L with a significant family history), confirmatory testing within 1 to 3 months is recommended. Men aged 70 and above, with PSA levels > 5.5 ug/L but < 10 ug/L, should also undergo confirmatory testing within 1 to 3 months. Please note that PSA testing is only recommended for asymptomatic men over 70 if life expectancy is greater than 7 years.

Please note change in PSA reference intervals on 21/11/2023.

It is important that the same method is used for serial testing because PSA values may differ between methods for different patients.

If interpretive assistance is required please contact a pathologist on (07) 3121 4444.

Guidelines regarding PSA testing available at: <https://bit.ly/3SbDaY7>

Clinical Notes : On eltroxin

Tests Completed:FBC, SE VIT D, BL HBA1C, PSA
Tests Pending :TFT, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE HDL

WEST, PETER NEVILLE
10 FLORIBUNDA AVE, WARWICK. 4370
Phone: 04 16248802
Birthdate: 07/07/1955 Sex: M Medicare Number: 40691406421
Your Reference: Lab Reference: 25-90098795-HDL-0
Laboratory: QML Pathology
Addressee: DR HELEN CHORLEY Referred by: DR HELEN CHORLEY
Name of Test: HDL CHOLESTEROL, SERUM
Requested: 09/05/2025 Collected: 16/05/2025 Reported: 17/05/2025
17:00

CUMULATIVE LIPID RISK REPORT
Date 16/05/25
Time 07:36
Lab No 90098795
FASTING
Target if
HIGH RISK
Total Cholesterol 4.8 mmol/L (below 4.0)
Triglycerides 1.4 mmol/L (below 2.0)
CHOLESTEROL FRACTIONS
HDL 1.17 mmol/L (above 1.0)
LDL (calculated)* 2.99 mmol/L (below 2.5)
Non-HDL cholesterol* 3.63 mmol/L (below 3.3)
Total/HDL ratio** 4.1

* Secondary prevention LDL and non-HDL cholesterol targets are lower.
** The ratio is for use with the cardiovascular risk calculator.
Web-search: "Australian cardiovascular risk calculator"

90098795 Treatment is recommended if clinically indicated or if calculated risk exceeds 15% absolute risk of CVD events over 5 years.

NVDPA 2012 Target ranges refer to HIGH RISK PATIENTS.

As of 7/3/22 LDL will no longer be measured routinely. LDL results will be calculated, in accordance with National harmonisation.

Clinical Notes : On eltroxin

Tests Completed:FBC, SE VIT D, SE HDL, BL HBA1C, PSA
Tests Pending :FREE T4, FREE T3, ACTIVE VITAMIN B12, TFT, SERUM FOLATE
Tests Pending :SERUM VITAMIN B12, SE E/LFT

WEST, PETER NEVILLE
10 FLORIBUNDA AVE, WARWICK. 4370
Phone: 04 16248802
Birthdate: 07/07/1955 Sex: M Medicare Number: 40691406421
Your Reference: Lab Reference: 25-90098795-BFM-0
Laboratory: QML Pathology
Addressee: DR HELEN CHORLEY Referred by: DR HELEN CHORLEY

Name of Test: MASTER VITAMIN B12 FOLATE
Requested: 09/05/2025 Collected: 16/05/2025 Reported: 17/05/2025
19:57

Serum Vitamin B12 Assay	302	pmol/L	(162-811)
Holo TC Assay	> 146	pmol/L	(> 35)
Serum Folate Assay	45.6	nmol/L	(8.4-55.0)

Comment:

Serum Folate Assay:
Adequate Serum Folate.
In the absence of recent oral intake, a serum folate >13 nmol/L effectively rules out folate deficiency. Consider repeat fasting Folate, if there has been inadequate fasting, and clinical concern remains.

Serum Vitamin B12 Assay:
The vitamin B12 level is in the indeterminate range.
B12 depletion may exist with levels up to 350 pmol/L
Correlation with Folate levels as well as Holo TC (Active B12) assay is recommended.

Holo TC Assay:
No suggestion of vitamin B12 deficiency.
High B12 levels are commonly seen with vitamin B12 replacement therapy.

Methodology:
B12 and Active B12 (HoloTC) assays performed on Siemens Atellica analyser.

For Doctor clinical enquiries, please contact Dr Peter Davidson 07 3121 4444.
Patients should contact their referring doctor in regard to this result.

Clinical Notes : On eltroxin

Tests Completed:ACTIVE VITAMIN B12, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE VIT D
Tests Completed:SE HDL, BL HBA1C, PSA
Tests Pending :FREE T4, FREE T3, TFT, SE E/LFT

WEST, PETER NEVILLE
10 FLORIBUNDA AVE, WARWICK. 4370
Phone: 04 16248802
Birthdate: 07/07/1955 Sex: M Medicare Number: 40691406421
Your Reference: Lab Reference: 25-90098795-THY-0
Laboratory: QML Pathology
Addressee: DR HELEN CHORLEY Referred by: DR HELEN CHORLEY

Name of Test: THYROID TEST MASTER
Requested: 09/05/2025 Collected: 16/05/2025 Reported: 18/05/2025
01:34

CUMULATIVE SERUM THYROID FUNCTION TESTS					
Date	08/02/22	10/03/23	12/07/24	16/05/25	
Time	07:53	07:43	10:31	07:36	
Lab No	68815830	72151340	75420387	90098795	
TSH	2.2	2.9	3.0	4.4	mIU/L (0.50-4.00)
free T4	15	15	15	18	pmol/L (10-20)
free T3		3.7	6.4	4.3	pmol/L (2.8-6.8)

90098795 The FT3 result was obtained by an alternative method.

As the TSH result is abnormal, a fT4 result was reported to assist in the patient's clinical assessment.

Clinical Notes : On eltroxin

Tests Completed:FREE T4, FREE T3, ACTIVE VITAMIN B12, TFT, FBC, SERUM FOLATE
Tests Completed:SERUM VITAMIN B12, SE VIT D, SE HDL, BL HBA1C, PSA
Tests Pending :SE E/LFT

WEST, PETER NEVILLE
10 FLORIBUNDA AVE, WARWICK. 4370
Phone: 04 16248802
Birthdate: 07/07/1955 Sex: M Medicare Number: 40691406421
Your Reference: Lab Reference: 25-90098795-25T-0
Laboratory: QML Pathology
Addressee: DR HELEN CHORLEY Referred by: DR HELEN CHORLEY

Name of Test: E/LFT (MASTER)
Requested: 09/05/2025 Collected: 16/05/2025 Reported: 18/05/2025
01:57

SERUM CHEMISTRY - FASTING

Sodium	139	mmol/L	(137-147)
Potassium	4.3	mmol/L	(3.5-5.0)
Chloride	107	mmol/L	(96-109)
--- Bicarbonate	18	mmol/L	(25-33)
+ Other Anions	18	mmol/L	(4-17)
Glucose	5.4	mmol/L	fasting (3.0-6.0)
Urea	5.5	mmol/L	(3.0-8.5)
- Creatinine	57	umol/L	(60-140)
eGFR	> 90	mL/min	(over 59)
Uric Acid	0.32	mmol/L	(0.12-0.45)
Total Bilirubin	6	umol/L	(2-20)
Alk. Phos.	62	U/L	(30-115)
Gamma G.T.	35	U/L	(0-70)
ALT	20	U/L	(0-45)
AST	26	U/L	(0-41)
LD	204	U/L	(80-250)
Calcium	2.29	mmol/L	(2.15-2.60)
Adjusted for Albumin	2.33	mmol/L	(2.15-2.60)
Phosphate	1.1	mmol/L	(0.8-1.5)
Total Protein	70	g/L	(60-82)
Albumin	41	g/L	(35-50)
Globulins	29	g/L	(20-40)
Cholesterol	4.8	mmol/L	(3.6-7.3)
Triglycerides	1.4	mmol/L	fasting (0.3-2.2)

* Potassium and LD results probably include false positive components due to slight in vitro haemolysis.

Clinical Notes : On eltroxin

Tests Completed: FREE T4, FREE T3, ACTIVE VITAMIN B12, TFT, FBC, SERUM FOLATE
Tests Completed: SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE HDL, BL HbA1c, PSA
Tests Pending :