

CHILTON, KYM  
62 MEEMAR ST, CHERMSIDE. 4032  
Phone: 07 33599915  
Birthdate: 07/09/1973 Sex: M Medicare Number: 42203555212  
Your Reference: Lab Reference: 24-76021326-THY-0  
Laboratory: QML Pathology  
Addressee: DR CLEM BONNEY Referred by: DR CLEM BONNEY  
Copy to:  
MR KYM CHILTON

Name of Test: THYROID TEST MASTER  
Requested: 09/12/2024 Collected: 10/12/2024 Reported: 10/12/2024  
17:10

CUMULATIVE SERUM THYROID FUNCTION TESTS

Date	16/02/15	25/11/21	21/03/24	10/12/24
Time	16:07	06:03	09:00	07:25
Lab No	68501998	27983674	75475971	76021326
TSH	1.7	1.8	1.4	1.2 mIU/L (0.50-4.00)

Euthyroid level. However if hypopituitarism (rare) is suspected, free T4 assay may be indicated.

Tests Completed:TSH, FBC, SE VIT D, PSA  
Tests Pending :ACTIVE VITAMIN B12, IRON STUDIES, SERUM VITAMIN B12, SE E/LFT, SE HDL  
Tests Pending :BL HBA1C

CHILTON, KYM  
 62 MEEMAR ST, CHERMSIDE. 4032  
 Phone: 07 33599915  
 Birthdate: 07/09/1973 Sex: M Medicare Number: 42203555212  
 Your Reference: Lab Reference: 24-76021326-HDL-0  
 Laboratory: QML Pathology  
 Addressee: DR CLEM BONNEY Referred by: DR CLEM BONNEY  
 Copy to:  
 MR KYM CHILTON

Name of Test: HDL CHOLESTEROL, SERUM  
 Requested: 09/12/2024 Collected: 10/12/2024 Reported: 10/12/2024  
 17:50

CUMULATIVE LIPID RISK REPORT					
Date	04/12/23	21/03/24	11/07/24	10/12/24	
Time	07:20	09:00	07:09	07:25	
Lab No	96151337	75475971	75405335	76021326	
	FASTING	FASTING	FASTING	FASTING	
					Target if
					HIGH RISK
Total Cholesterol	6.0	5.7	3.8	3.6 mmol/L	(below 4.0)
Triglycerides	4.8	4.0	1.3	2.3 mmol/L	(below 2.0)
CHOLESTEROL FRACTIONS					
HDL	0.82	0.86	0.89	0.99 mmol/L	(above 1.0)
LDL (calculated)*		3.02	2.32	1.56 mmol/L	(below 2.5)
Non-HDL cholesterol	5.18	4.84	2.91	2.61 mmol/L	(below 3.3)
Total/HDL ratio**	7.3	6.6	4.3	3.6	

\* 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"

76021326 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.

Tests Completed: TSH, FBC, SE VIT D, SE HDL, PSA

Tests Pending : SE DIRECT BILI, ACTIVE VITAMIN B12, IRON STUDIES, SERUM VITAMIN B12

Tests Pending : SE E/LFT, BL HBA1C

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62 MEEMAR ST, CHERMSIDE. 4032  
Phone: 07 33599915  
Birthdate: 07/09/1973 Sex: M Medicare Number: 42203555212  
Your Reference: Lab Reference: 24-76021326-25T-0  
Laboratory: QML Pathology  
Addressee: DR CLEM BONNEY Referred by: DR CLEM BONNEY  
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Name of Test: E/LFT (MASTER)  
Requested: 09/12/2024 Collected: 10/12/2024 Reported: 10/12/2024  
18:05

SERUM CHEMISTRY - FASTING

Sodium	138	mmol/L	(137-147)
Potassium	4.8	mmol/L	(3.5-5.0)
Chloride	105	mmol/L	(96-109)
Bicarbonate	27	mmol/L	(25-33)
Other Anions	11	mmol/L	(4-17)
Glucose	5.2	mmol/L	fasting (3.0-6.0)
Urea	5.0	mmol/L	(3.0-8.5)
Creatinine	86	umol/L	(60-140)
eGFR	90	mL/min	(over 59)
Uric Acid	0.44	mmol/L	(0.12-0.45)
+ Total Bilirubin	25	umol/L	(2-20)
Direct Bilirubin	8	umol/L	(0-8)
Alk. Phos.	86	U/L	(30-115)
+++ Gamma G.T.	144	U/L	(0-70)
+ ALT	51	U/L	(0-45)
AST	32	U/L	(0-41)
LD	196	U/L	(80-250)
Calcium	2.38	mmol/L	(2.15-2.60)
Adjusted for Albumin	2.39	mmol/L	(2.15-2.60)
Phosphate	1.3	mmol/L	(0.8-1.5)
Total Protein	68	g/L	(60-82)
Albumin	42	g/L	(35-50)
Globulins	26	g/L	(20-40)
- Cholesterol	3.6	mmol/L	(3.9-7.4)
+ Triglycerides	2.3	mmol/L	fasting (0.3-2.2)

Tests Completed:SE DIRECT BILI, TSH, FBC, SE E/LFT, SE VIT D, SE HDL, PSA  
Tests Pending :ACTIVE VITAMIN B12, IRON STUDIES, SERUM VITAMIN B12, BL HBA1C

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**Phone:** 07 33599915  
**Birthdate:** 07/09/1973 **Sex:** M **Medicare Number:** 42203555212  
**Your Reference:** **Lab Reference:** 24-76021326-BFM-0  
**Laboratory:** QML Pathology  
**Addressee:** DR CLEM BONNEY **Referred by:** DR CLEM BONNEY  
**Copy to:**  
MR KYM CHILTON

**Name of Test:** MASTER VITAMIN B12 FOLATE  
**Requested:** 09/12/2024 **Collected:** 10/12/2024 **Reported:** 10/12/2024  
18:18

Serum Vitamin B12 Assay	319 pmol/L	(162-811)
Holo TC Assay	117 pmol/L	(> 35)

**Comment:**

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 current vitamin B12 deficiency.

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.

Tests Completed:SE DIRECT BILI, ACTIVE VITAMIN B12, TSH, FBC, SERUM VITAMIN B12  
Tests Completed:SE E/LFT, SE VIT D, SE HDL, PSA  
Tests Pending :IRON STUDIES, BL HBA1C

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**Phone:** 07 33599915  
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**Your Reference:** **Lab Reference:** 24-76021326-CBC-0  
**Laboratory:** QML Pathology  
**Addressee:** DR CLEM BONNEY **Referred by:** DR CLEM BONNEY  
**Copy to:**  
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**Name of Test:** MASTER FULL BLOOD COUNT  
**Requested:** 09/12/2024 **Collected:** 10/12/2024 **Reported:** 10/12/2024  
16:38

FULL BLOOD EXAMINATION

Haemoglobin		150	g/L	(135-180)
Red Cell Count		5.0	x10 <sup>12</sup> /L	(4.2-6.0)
Haematocrit		0.45		(0.38-0.52)
Mean Cell Volume		90	fL	(80-98)
Mean Cell Haemoglobin		30	pg	(27-35)
Platelet Count		248	x10 <sup>9</sup> /L	(150-450)
White Cell Count		6.5	x10 <sup>9</sup> /L	(4.0-11.0)
Neutrophils	59 %	3.8	x10 <sup>9</sup> /L	(2.0-7.5)
Lymphocytes	30 %	2.0	x10 <sup>9</sup> /L	(1.1-4.0)
Monocytes	9 %	0.6	x10 <sup>9</sup> /L	(0.2-1.0)
Eosinophils	1 %	0.07	x10 <sup>9</sup> /L	(0.04-0.40)
Basophils	1 %	0.07	x10 <sup>9</sup> /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 \*\***

Tests Completed:FBC

Tests Pending :TSH, IRON STUDIES, SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE HDL

Tests Pending :BL HBA1C, PSA

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**Your Reference:** **Lab Reference:** 24-76021326-VD-0  
**Laboratory:** QML Pathology  
**Addressee:** DR CLEM BONNEY **Referred by:** DR CLEM BONNEY  
**Copy to:**  
MR KYM CHILTON

**Name of Test:** VITAMIN D,SERUM  
**Requested:** 09/12/2024 **Collected:** 10/12/2024 **Reported:** 10/12/2024  
17:02

CUMULATIVE SERUM VITAMIN D  
Date 10/12/24  
Time 07:25  
Lab No 76021326  
Vitamin D3 95 nmol/L (> 49)

Tests Completed:FBC, SE VIT D, PSA  
Tests Pending :TSH, IRON STUDIES, SERUM VITAMIN B12, SE E/LFT, SE HDL, BL HBA1C

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**Your Reference:** **Lab Reference:** 24-76021326-PSA-0  
**Laboratory:** QML Pathology  
**Addressee:** DR CLEM BONNEY **Referred by:** DR CLEM BONNEY  
**Copy to:**  
MR KYM CHILTON

**Name of Test:** PROSTATE SPECIFIC ANTIGEN  
**Requested:** 09/12/2024 **Collected:** 10/12/2024 **Reported:** 10/12/2024  
17:02

Total PSA (Alinity) 0.33 ug/L (0.25-3.00)

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>

Tests Completed:FBC, SE VIT D, PSA  
Tests Pending :TSH, IRON STUDIES, SERUM VITAMIN B12, SE E/LFT, SE HDL, BL HBA1C

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**Your Reference:** **Lab Reference:** 24-76021326-A1C-0  
**Laboratory:** QML Pathology  
**Addressee:** DR CLEM BONNEY **Referred by:** DR CLEM BONNEY  
**Copy to:**  
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**Name of Test:** HAEMOGLOBIN A1C,BLOOD  
**Requested:** 09/12/2024 **Collected:** 10/12/2024 **Reported:** 10/12/2024  
18:55

CUMULATIVE GLYCATED HAEMOGLOBIN			
Date	21/03/24	05/07/24	10/12/24
Time	09:00	10:46	07:25
Lab No	75475971	75405316	76021326
HbA1c Fraction	5.2	4.9	5.4 %
in SI units	33	31	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

Tests Completed:SE DIRECT BILI, ACTIVE VITAMIN B12, TSH, FBC, SERUM VITAMIN B12  
Tests Completed:SE E/LFT, SE VIT D, SE HDL, BL HBA1C, PSA  
Tests Pending :IRON STUDIES



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**Your Reference:** **Lab Reference:** 24-76021326-ISM-0  
**Laboratory:** QML Pathology  
**Addressee:** DR CLEM BONNEY **Referred by:** DR CLEM BONNEY  
**Copy to:**  
MR KYM CHILTON

**Name of Test:** MASTER IRON STUDIES  
**Requested:** 09/12/2024 **Collected:** 10/12/2024 **Reported:** 11/12/2024  
10:00

IRON STUDIES

Serum Iron	17	umol/L	(10-33)
Transferrin IBC	46	umol/L	(45-70)
Transferrin Saturation	37	%	(16-50)
Serum Ferritin Assay	273	ug/L	(30-320)
<b>Progress:</b>			
Known Haemochromatosis C282Y Carrier.			

Tests Completed:SE DIRECT BILI, ACTIVE VITAMIN B12, TSH, IRON STUDIES, FBC  
Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE HDL, BL HBA1C, PSA  
Tests Pending :