

CATCHPOOLE, HEATHER
26 KINGSWAY, HAZELBROOK. 2779
Phone: 0284673769
Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
Your Reference: 00238060 Lab Reference: 25-28624389-BFM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: B12, FOLATE (SERUM/RBC)
Requested: 24/09/2024 Collected: 07/01/2025 Reported: 07/01/2025
18:32

CLINICAL NOTES: routine coeliac disease

BIOCHEMISTRY

VITAMIN B12 AND FOLATE

SPECIMEN: SERUM/BLOOD

Date: 09/08/22 13/06/23 07/01/25
Time: 15:10 11:55 11:50
Lab Number: 67906619 80911604 28624389

Vitamin B12	222	294	409		pmol/L
Active B12	104	> 146		(> 30)	pmol/L
Folate	17.9				nmol/L

28624389 Normal B12 result.

RANGES	B12	Serum Folate	Red Cell Folate
Normal	> 180	> 10.0	> 450
Equivocal	150 - 180	5.0 - 10.0	350 - 450
Deficient	< 150	< 5.0	< 350

Vitamin B12 and Folate analyses are performed on the Siemens Centaur/
Atellica.

TESTS COMPLETED: B12, IS, LIP, ECU, LFT, CRP, GLS, OHD, TFT,
INCOMPLETE TESTS: GLI, TTG, FBE, GHB,

CATCHPOOLE, HEATHER
26 KINGSWAY, HAZELBROOK. 2779
Phone: 0284673769
Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
Your Reference: 00238060 Lab Reference: 25-28624389-OHD-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: VITAMIN D
Requested: 24/09/2024 Collected: 07/01/2025 Reported: 07/01/2025
18:32

CLINICAL NOTES: routine coeliac disease

ENDOCRINOLOGY

VITAMIN D		SPECIMEN: SERUM	
Date	Req. No.	25-hydroxy Vitamin D	
18/03/23	76569937	52	
07/01/25	28624389	76	(50 - 200) nmol/L

28624389 Within normal limits.

Interpretation:
Vitamin D deficiency <50 nmol/L
Severe deficiency <20 nmol/L

COMMENT: Vitamin D sufficiency is defined as greater than or equal to 50 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer).

Reference: Position Statement. Vitamin D and Health in Adults in Australia and New Zealand. MJA,196(11): 686-687, 2012.

TESTS COMPLETED: B12, IS, LIP, ECU, LFT, CRP, GLS, OHD, TFT,
INCOMPLETE TESTS: GLI, TTG, FBE, GHB,

CATCHPOOLE, HEATHER
26 KINGSWAY, HAZELBROOK. 2779
Phone: 0284673769
Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
Your Reference: 00238060 Lab Reference: 25-28624389-ISM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: IRON MASTER
Requested: 24/09/2024 Collected: 07/01/2025 Reported: 07/01/2025
18:32

CLINICAL NOTES: routine coeliac disease

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date:	18/03/23	13/06/23	07/01/25
Lab Number:	76569937	80911604	28624389

Iron	20.7	21.1	17.4	(10.0 - 30.0) umol/L
Transferrin	2.94	2.81	2.82	(2.10 - 3.80) g/L
Saturation	28	30	25	(15 - 45) %
Ferritin	36	35	36	(30 - 200) ug/L

28624389 Elevated CRP noted. Iron studies are within normal limits.
Ferritin is not a good index of iron stores in the presence of
inflammation. More reliable assessment can be obtained after recovery
from intercurrent illness.

TESTS COMPLETED: B12, IS, LIP, ECU, LFT, CRP, GLS, OHD, TFT,
INCOMPLETE TESTS: GLI, TTG, FBE, GHB,

CATCHPOOLE, HEATHER
26 KINGSWAY, HAZELBROOK. 2779
Phone: 0284673769
Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
Your Reference: 00238060 Lab Reference: 25-28624389-TMA-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: TFT MASTER PANEL
Requested: 24/09/2024 Collected: 07/01/2025 Reported: 07/01/2025
18:34

CLINICAL NOTES: routine coeliac disease

ENDOCRINOLOGY

THYROID FUNCTION TEST

SPECIMEN: SERUM

Date:	18/03/23	13/06/23	07/01/25
Coll. Time:	11:30	11:55	11:50
Lab Number:	76569937	80911604	28624389

TSH	1.20	1.39	0.98 (0.40 - 4.00) mIU/L
-----	------	------	--------------------------

28624389 Normal TSH level.

TESTS COMPLETED: B12, IS, LIP, ECU, LFT, CRP, GLS, OHD, TFT,
INCOMPLETE TESTS: GLI, TTG, FBE, GHB,

CATCHPOOLE, HEATHER
 26 KINGSWAY, HAZELBROOK. 2779
 Phone: 0284673769
 Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
 Your Reference: 00238060 Lab Reference: 25-28624389-HAE-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: HAEMATOLOGY GENERAL
 Requested: 24/09/2024 Collected: 07/01/2025 Reported: 07/01/2025
 19:51

CLINICAL NOTES: routine coeliac disease

HAEMATOLOGY				SPECIMEN: WHOLE BLOOD	
Date:	18/03/23	13/06/23	07/01/25	(#Refers to current result only)	
Coll. Time:	11:30	11:55	11:50		
Lab Number:	76569937	80911604	#28624389		

HAEMOGLOBIN	144	134	144	(115 - 165)	g/L
RBC	5.08	4.60	4.99	(3.80 - 5.50)x10	12/L
HCT	0.45	0.40	0.43	(0.35 - 0.47)	
MCV	88	87	87	(80 - 99)	fL
MCH	28.3	29.1	28.9	(27.0 - 34.0)pg	
MCHC	320	335	335	(310 - 360)	g/L
RDW	12.7	12.7	12.4	(11.0 - 15.0)%	
WCC	4.7	5.2	5.0	(4.0 - 11.0)	x10 9/L
Neutrophils	2.7	3.2	3.0	(2.0 - 8.0)	x10 9/L
Lymphocytes	1.5	1.4	1.4	(1.0 - 4.0)	x10 9/L
Monocytes	0.4	0.4	0.4	(< 1.1)	x10 9/L
Eosinophils	< 0.1	0.1	0.1	(< 0.7)	x10 9/L
Basophils	< 0.1	< 0.1	< 0.1	(< 0.3)	x10 9/L
PLATELETS	389 *	462	396	(150 - 450)	x10 9/L
MPV	9.3	9.4	9.2		fL

#28624389 : Normal full blood count.

TESTS COMPLETED: B12, FBE, IS, LIP, ECU, LFT, CRP, GLS, OHD, TFT,
 INCOMPLETE TESTS: GLI, TTG, GHB,

CATCHPOOLE, HEATHER
26 KINGSWAY, HAZELBROOK. 2779
Phone: 0284673769
Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
Your Reference: 00238060 Lab Reference: 25-28624389-CD-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: COELIAC DISEASE ANTIBODIE
Requested: 24/09/2024 Collected: 07/01/2025 Reported: 08/01/2025
09:49

CLINICAL NOTES: routine coeliac disease

IMMUNOLOGY

SPECIMEN: SERUM

COELIAC DISEASE ANTIBODIES

		REFERENCE RANGES		
		Negative	Equiv.	Positive
Deamidated Gliadin IgG	5 EliA U/ml (< 7)	(7-10)		(> 10)
Tissue Transglutaminase IgA	1 EliA U/ml (< 7)	(7-10)		(> 10)

TESTS COMPLETED: B12, GLI, TTG, FBE, IS, LIP, ECU, LFT, CRP, GHB, GLS, OHD, TFT,

CATCHPOOLE, HEATHER
26 KINGSWAY, HAZELBROOK. 2779
Phone: 0284673769
Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
Your Reference: 00238060 Lab Reference: 25-28624389-CRP-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: C-REACTIVE PROTEIN
Requested: 24/09/2024 Collected: 07/01/2025 Reported: 07/01/2025
18:24

CLINICAL NOTES: routine coeliac disease

BIOCHEMISTRY

C REACTIVE PROTEIN (CRP)

SPECIMEN: SERUM

Date	Time	Lab No.	CRP Units	Ref. Range
13/06/23	11:55	80911604	3.5	
07/01/25	11:50	28624389	5.2 mg/L	(< 3.0)

In the setting of infection, CRP levels >100 mg/L are supportive of bacterial rather than viral aetiology.

Note results from this CRP assay should not be used for cardiac risk assessment. Please request the high sensitivity assay (hsCRP) instead.

TESTS COMPLETED: B12, IS, LIP, ECU, LFT, CRP, GLS, OHD,
INCOMPLETE TESTS: GLI, TTG, FBE, GHB, TFT,

CATCHPOOLE, HEATHER
 26 KINGSWAY, HAZELBROOK. 2779
 Phone: 0284673769
 Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
 Your Reference: 00238060 Lab Reference: 25-28624389-GLS-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: GLUCOSE
 Requested: 24/09/2024 Collected: 07/01/2025 Reported: 07/01/2025
 18:25

CLINICAL NOTES: routine coeliac disease

BIOCHEMISTRY

GLUCOSE

Date	Time	Lab#	Collection Type	Specimen	Glucose (mmol/L)
18/03/23	11:30	76569937	Fasting	serum	5.1
07/01/25	11:50	28624389	Fasting	serum	5.3

28624389 Normal fasting glucose.
 NOTE: HbA1c has been requested.

Glucose Reference Ranges

Random 3.0 - 6.9 mmol/L
 Fasting 3.0 - 5.4 mmol/L
 1 Hour post prandial 3.0 - 11.0 mmol/L
 2 Hour post prandial 3.0 - 7.7 mmol/L

Specimen Legend:

Fl-ox = Fluoride oxalate, serum = Serum, np = Non-Preserved

TESTS COMPLETED: B12, IS, LIP, ECU, LFT, CRP, GLS, OHD,
 INCOMPLETE TESTS: GLI, TTG, FBE, GHB, TFT,

CATCHPOOLE, HEATHER
 26 KINGSWAY, HAZELBROOK. 2779
 Phone: 0284673769
 Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
 Your Reference: 00238060 Lab Reference: 25-28624389-GHB-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: GLYCATED HB
 Requested: 24/09/2024 Collected: 07/01/2025 Reported: 08/01/2025
 00:01

CLINICAL NOTES: routine coeliac disease

BIOCHEMISTRY

HAEMOGLOBIN A1c

SPECIMEN: WHOLE BLOOD

Date	Coll Time	Req. No.	IFCC HbA1c (mmol/mol)	DCCT HbA1c (%)
18/03/23	11:30	76569937	37	5.5
13/06/23	11:55	80911604	37	5.5
07/01/25	11:50	28624389	38	5.6

28624389 HbA1c consistent with euglycaemic state.

INTERPRETATION CRITERIA DIAGNOSIS.

A HbA1c greater than or equal to 48 mmol/mol (6.5 %) is consistent with diabetes. Consider OGTT or repeat HbA1c for confirmation.
 HbA1c 6.0 - 6.4% is consistent with prediabetes. Repeat testing annually is recommended. (ADS position statement 2020)

MONITORING.

The Australian Diabetes Society (ADS) recommends individualised HbA1c targets depending on the patient's age, comorbidities and any Hypoglycaemia (ADS position statement 2009).
 A general target of less than or equal to 53 mmol/mol (7.0%) is often used.

Please note that Hb A1c results may be influenced by conditions affecting red cells or their survival times such as haemoglobinopathies, anaemias, recent transfusion or blood loss.

TESTS COMPLETED: B12, FBE, IS, LIP, ECU, LFT, CRP, GHB, GLS, OHD, TFT,
 INCOMPLETE TESTS: GLI, TTG,

CATCHPOOLE, HEATHER
 26 KINGSWAY, HAZELBROOK. 2779
 Phone: 0284673769
 Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
 Your Reference: 00238060 Lab Reference: 25-28624389-MBI-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: MULTIPLE BIOCHEM ANALYSIS
 Requested: 24/09/2024 Collected: 07/01/2025 Reported: 07/01/2025
 18:25

CLINICAL NOTES: routine coeliac disease

GENERAL CHEMISTRY			SPECIMEN: SERUM		
Date:	09/08/22	18/03/23	07/01/25		
Time:	15:10	11:30	11:50		
Request:	67906619	76569937	28624389		
Sodium	138	141	138	(135 - 145)	mmol/L
Potassium	4.6	4.7	4.9	(3.5 - 5.2)	mmol/L
Chloride	106	106	107	(95 - 110)	mmol/L
Bicarbonate	27	24	28	(22 - 32)	mmol/L
Urea	4.6	5.0	4.5	(3.0 - 7.0)	mmol/L
Creatinine	61	76	76	(45 - 90)	umol/L
eGFR	> 90	84	84	(> 59) mL/min/1.73m2	
Calcium		2.38		(2.10 - 2.60)	mmol/L
Adj.Ca		2.32		(2.10 - 2.60)	mmol/L
Magnesium		0.79		(0.70 - 1.10)	mmol/L
Phosphate		1.00		(0.75 - 1.50)	mmol/L
T.Protein	72	74	72	(60 - 80)	g/L
Albumin	40	44	42	(35 - 50)	g/L
Globulin	32	30	30	(23 - 39)	g/L
ALP	* 134	* 128	* 133	(30 - 110)	U/L
Bilirubin	4	9	7	(3 - 20)	umol/L
GGT	39	26	* 44	(5 - 35)	U/L
AST	28	22	19	(5 - 30)	U/L
ALT	38	23	22	(5 - 35)	U/L

28624389 LIVER FUNCTION
 Liver enzymes are consistent with mild focal cholestasis.

TESTS COMPLETED: B12, IS, LIP, ECU, LFT, CRP, GLS, OHD,
 INCOMPLETE TESTS: GLI, TTG, FBE, GHB, TFT,

CATCHPOOLE, HEATHER
 26 KINGSWAY, HAZELBROOK. 2779
 Phone: 0284673769
 Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626981
 Your Reference: 00238060 Lab Reference: 25-28624389-LS-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: LIPID STUDIES
 Requested: 24/09/2024 Collected: 07/01/2025 Reported: 07/01/2025
 18:25

CLINICAL NOTES: routine coeliac disease

BIOCHEMISTRY

LIPID STUDIES

SPECIMEN: SERUM

Date:	18/03/23	07/01/25	Desirable Range
Lab Number:	76569937	28624389	(Fasting)
Fasting status	Fasting	Fasting	
Total Chol.	* 5.8 *	5.7	(< 5.6) mmol/L
HDL Chol.	1.2 *	1.0	(> 1.1) mmol/L
LDL Chol.	* 4.0 *	3.9	(< 3.1) mmol/L
Non-HDL Chol.	* 4.6 *	4.7	(< 4.1) mmol/L
Triglyceride	1.3	1.8	(< 2.1) mmol/L
LDL/HDL Ratio	3.3	3.9	
Chol/HDL Ratio	4.8	5.7	

28624389 Mild increase in LDL-cholesterol. Interpret in conjunction with other cardiovascular risk factors or treatment targets.

Recommended targets for high risk patients are

Total cholesterol < 4.0 mmol/L
 HDL Cholesterol > 1.0 mmol/L
 LDL Cholesterol < 2.5 mmol/L (< 1.8 mmol/L for very high risk)
 Non-HDL Cholesterol < 3.3 mmol/L (< 2.5 mmol/L for very high risk)
 Fasting triglycerides < 2.0 mmol/L

Lipid ranges and targets are from the AACB Guideline for Harmonised Lipid Reporting (2018)

Target values need to be individualised based on clinical assessment of overall risk.

See the AusCVD Risk calculator at www.cvdcheck.org.au

Please note, from 27/09/2023, modified lipid reference ranges apply.

TESTS COMPLETED: B12, IS, LIP, ECU, LFT, CRP, GLS, OHD,
 INCOMPLETE TESTS: GLI, TTG, FBE, GHB, TFT,