

Patient Health Summary

Name: Callie Donoghue
Address: 27 Amelia Court
Sorell 7172
D.O.B.: 08/01/1985
Record No.: 4428
Home Phone:
Work Phone:
Mobile Phone: 0438 358 102

Health Change Integrative Medicine
272 Clarence Street
Howrah 7018
0361355805

Printed on 18th November 2024

Investigations:

DONOGHUE, CALLIE
27 AMELIA COURT, SORELL. 7172
Phone: 0438358102
Birthdate: 08/01/1985 Sex: F Medicare Number: 6191761945
Your Reference: Lab Reference: 406829145-H-ED-.FBE
Laboratory: Hobart Pathology
Addressee: DR SALLY CHAPMAN Referred by: DR SALLY CHAPMAN

Name of Test: ED-.FBE
Requested: 04/09/2024 Collected: 12/11/2024 Reported: 12/11/2024 15:30

Clinical notes: Hashimotos subclinical ? Iron deficiency

Date	23/11/22	19/06/23	14/02/24	12/11/24		
Time	1034	1008	0836	0859		
Lab Id.	406021375	406201910	406576609	406829145	Units	Reference
Haemoglobin	129	132	122	129	g/L	(115-165)
HCT	0.38	0.40	0.37	0.39	L/L	(0.36-0.47)
MCV	87	88	89	90	fL	(80-100)
WCC	5.4	5.7	5.3	4.5	/nL	(4.0-11.0)
Neutrophils	3.1	3.4	3.0	2.5	/nL	(2.0-7.5)
Lymphocytes	1.8	1.8	1.8	1.6	/nL	(1.0-4.0)
Monocytes	0.4	0.4	0.3	0.3	/nL	(0.2-1.0)
Eosinophils	<0.1	<0.1	<0.1	<0.1	/nL	(<0.5)
Basophils	<0.1	<0.1	<0.1	<0.1	/nL	(<0.3)
Platelets	180	198	180	225	/nL	(150-400)

HA

Hobart Pathology NATA Accreditation No. 2270

Tests Completed: FBC
Tests Pending : LFTS, Renal Function, Electrolytes, Iron Studies,
TSHFT4, Vitamin B12, VIT D (25-OH), Antibodies to TPO
Sample Pending :

DONOGHUE, CALLIE
27 AMELIA COURT, SORELL. 7172
Phone: 0438358102
Birthdate: 08/01/1985 Sex: F Medicare Number: 6191761945
Your Reference: Lab Reference: 406829145-C-SE-_Routine Chem
Laboratory: Hobart Pathology
Addressee: DR SALLY CHAPMAN Referred by: DR SALLY CHAPMAN

Name of Test: SE-_ROUTINE CHEMISTRY
Requested: 04/09/2024 Collected: 12/11/2024 Reported: 12/11/2024 16:40

Clinical notes: Hashimotos subclinical ? Iron deficiency

BIOCHEMISTRY

Date	23/11/22	19/06/23	14/02/24	12/11/24		
Time	1034	1008	0836	0859		
Lab Id.	406021375	406201910	406576609	406829145	Units	Reference
Sodium	139	138	138	138	mmol/L	(135-145)
Potassium	4.2	4.1	4.2	4.5	mmol/L	(3.5-5.5)
Chloride	107	106	106	104	mmol/L	(95-110)
Urea	3.9	3.7	4.1	4.2	mmol/L	(2.5-7.0)
Creatinine	60	69	63	66	umol/L	(45-85)
eGFR	>90	>90	>90	>90	mL/min/1.73m2	(>89)
Bicarbonate	26	27	26	29	mmol/L	(20-32)
Total Bilirubin	26 H	36 H	28 H	34 H	umol/L	(3-15)
ALP	57	53	53	49	U/L	(20-105)
Gamma GT	10	10	10	11	U/L	(5-35)
ALT	10	11	12	11	U/L	(5-30)
Total Protein	70	71	67	72	g/L	(64-81)
Albumin	43	43	41	45	g/L	(33-46)
Globulin	27	28	26	27	g/L	(26-41)
Glucose Fast.			4.7		mmol/L	(<5.5)

Comments on Collection 12/11/24 0859:

Renal Function

Note: eGFR units are mL/min/1.73m2.

If a history of smoking, obesity, diabetes, hypertension, cardiovascular disease, family history of CKD or Aboriginal origin is present, testing for urine albumin:creatinine ratio should be undertaken plus repeat testing in 1 to 2 years.

*Kidney Health Australia (www.kidney.org.au) 2012.

CA

Hobart Pathology NATA Accreditation No. 2270

Tests Completed: LFTS, Renal Function, Electrolytes, FBC

Tests Pending : Iron Studies, TSHFT4, Vitamin B12, Active B12, VIT D (25-OH), Antibodies to TPO

Sample Pending :

DONOGHUE, CALLIE

27 AMELIA COURT, SORELL. 7172

Phone: 0438358102

Birthdate: 08/01/1985 Sex: F Medicare Number: 6191761945

Your Reference: Lab Reference: 406829145-C-SE-VID

Laboratory: Hobart Pathology

Addressee: DR SALLY CHAPMAN Referred by: DR SALLY CHAPMAN

Name of Test: SE-VIT D (25-OH)

Requested: 04/09/2024 Collected: 12/11/2024 Reported: 12/11/2024 17:00

Clinical notes: Hashimotos subclinical ? Iron deficiency

Date	21/02/22	23/11/22	14/02/24	12/11/24		
Time	1055	1034	0836	0859		
Lab Id.	405512429	406021375	406576609	406829145	Units	Reference
25-OH Vit.D	154	162	96	87	nmol/L	(>49)

25-OH Vit.D Vitamin D testing is Medicare Rebataable.

Comments on Collection 12/11/24 0859:

VIT D (25-OH)

Vitamin D Status 25-OH Vitamin D nmol/L

Indeterminate 50 - 75

Mild Deficiency 30 - 49

Moderate Deficiency 12.5 - 29

Severe Deficiency <12.5

Levels apply to testing undertaken at the end of winter.

60% of all Tasmanians presenting for the first time for Vitamin D testing (at the end of winter) show deficiency and on average in any season of the year 44% of Tasmanians are Vitamin D deficient.

CA

Hobart Pathology NATA Accreditation No. 2270

Tests Completed: LFTS, Renal Function, Electrolytes, VIT D (25-OH), FBC

Tests Pending : Iron Studies, TSHFT4, Vitamin B12, Active B12, Antibodies to TPO

Sample Pending :

DONOGHUE, CALLIE
27 AMELIA COURT, SORELL. 7172
Phone: 0438358102
Birthdate: 08/01/1985 Sex: F Medicare Number: 6191761945
Your Reference: Lab Reference: 406829145-C-SE- TF
Laboratory: Hobart Pathology
Addressee: DR SALLY CHAPMAN Referred by: DR SALLY CHAPMAN

Name of Test: SE- THYROID FUNCT. TEST
Requested: 04/09/2024 Collected: 12/11/2024 Reported: 12/11/2024 19:10

Clinical notes: Hashimotos subclinical ? Iron deficiency

THYROID FUNCTION TESTS

Date	23/11/22	19/06/23	14/02/24	12/11/24		
Time	1034	1008	0836	0859		
Lab Id.	406021375	406201910	406576609	406829145	Units	Reference
TSH.	2.8	2.4	3.1	3.3	mU/L	(0.3-3.5)
Free.T3	3.8		4.0		pmol/L	(2.6-6.0)
Free.T4	11.2	9.9	11.5	14.9	pmol/L	(9.0-19.0)

Comments on Collection 12/11/24 0859:

TSHFT4

These results indicate euthyroid status for a patient on thyroid replacement therapy.

CA

Hobart Pathology NATA Accreditation No. 2270

Tests Completed: LFTS, Renal Function, Electrolytes, TSHFT4, Vitamin B12, Active B12, VIT D (25-OH), FBC

Tests Pending : Iron Studies, Antibodies to TPO

Sample Pending :

DONOGHUE, CALLIE
27 AMELIA COURT, SORELL. 7172
Phone: 0438358102
Birthdate: 08/01/1985 Sex: F Medicare Number: 6191761945
Your Reference: Lab Reference: 406829145-C-SE- BF
Laboratory: Hobart Pathology
Addressee: DR SALLY CHAPMAN Referred by: DR SALLY CHAPMAN

Name of Test: SE- B12, FOL & RC FOLATE
Requested: 04/09/2024 Collected: 12/11/2024 Reported: 12/11/2024 19:10

Clinical notes: Hashimotos subclinical ? Iron deficiency

B12/Serum Folate/RCF

Date	23/11/22	19/06/23	14/02/24	12/11/24		
Time	1034	1008	0836	0859		
Lab Id.	406021375	406201910	406576609	406829145	Units	Reference

S. Vitamin B12	216		322	330	pmol/L	(200-700)
HCT	0.38	0.40	0.37	0.39	L/L	(0.36-0.47)

Comments on Collection 12/11/24 0859:

Vitamin B12

From 20/2/24, Active B12 (holotranscobalamin) testing is performed on all patients with low or equivocal total B12 results (at or below 400 pmol/L) to assist in the clarification of vitamin B12 status (see additional report).

CA

Hobart Pathology NATA Accreditation No. 2270

Tests Completed: LFTS, Renal Function, Electrolytes, TSHFT4, Vitamin B12, Active B12, VIT D (25-OH), FBC

Tests Pending : Iron Studies, Antibodies to TPO

Sample Pending :

DONOGHUE, CALLIE

27 AMELIA COURT, SORELL. 7172

Phone: 0438358102

Birthdate: 08/01/1985 Sex: F Medicare Number: 6191761945

Your Reference: Lab Reference: 406829145-C-SE-HOLOTC

Laboratory: Hobart Pathology

Addressee: DR SALLY CHAPMAN Referred by: DR SALLY CHAPMAN

Name of Test: SE-ACTIVE B12

Requested: 04/09/2024 Collected: 12/11/2024 Reported: 12/11/2024 19:10

Clinical notes: Hashimotos subclinical ? Iron deficiency

Date	01/06/21	23/11/22	14/02/24	12/11/24		
Time F-Fast	0918 F	1034	0836	0859		
Lab Id.	405103690	406021375	406576609	406829145	Units	Reference

Active B12	95	72	113	106	pmol/L	(>35)
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Comments on Collection 12/11/24 0859:

Active B12

Active B12 (holotranscobalamin) is the biologically active fraction of total serum B12, and should be a superior indicator of B12 status.

Holotranscobalamin level indicates Vitamin B12 deficiency unlikely.

Up to 15% of patients will have a deficiency of carrier protein (haptocorrin) that does not appear to result in a clinically recognisable Vitamin B12 deficiency despite low total Vitamin B12 levels.

CA

Hobart Pathology NATA Accreditation No. 2270

Tests Completed: LFTS, Renal Function, Electrolytes, TSHFT4, Vitamin B12, Active B12, VIT D (25-OH), FBC

Tests Pending : Iron Studies, Antibodies to TPO

Sample Pending :

DONOGHUE, CALLIE

27 AMELIA COURT, SORELL. 7172

Phone: 0438358102

Birthdate: 08/01/1985 Sex: F Medicare Number: 6191761945

Your Reference: Lab Reference: 406829145-C-SE-ATP

Laboratory: Hobart Pathology

Addressee: DR SALLY CHAPMAN Referred by: DR SALLY CHAPMAN

Name of Test: SE-ABS TO THYROID PEROX.

Requested: 04/09/2024 Collected: 12/11/2024 Reported: 12/11/2024 19:20

Clinical notes: Hashimotos subclinical ? Iron deficiency

Antibodies to TPO **H >1000** kU/L MRC 66/387 (<5.6)

Comments on Lab Id: 406829145

Anti-TPO antibodies at low levels may be found in up to 10% of the normal population, and in some patients with non-thyroidal illness.

TR

Hobart Pathology NATA Accreditation No. 2270

Tests Completed: LFTS, Renal Function, Electrolytes, TSHFT4, Vitamin B12, Active B12, VIT D (25-OH), Antibodies to TPO, FBC

Tests Pending : Iron Studies

Sample Pending :

DONOGHUE, CALLIE
27 AMELIA COURT, SORELL. 7172
Phone: 0438358102
Birthdate: 08/01/1985 **Sex:** F **Medicare Number:** 6191761945
Your Reference: **Lab Reference:** 406829145-C-SE-IRN
Laboratory: Hobart Pathology
Addressee: DR SALLY CHAPMAN **Referred by:** DR SALLY CHAPMAN

Name of Test: SE-IRON STUDIES
Requested: 04/09/2024 **Collected:** 12/11/2024 **Reported:** 12/11/2024 20:10

Clinical notes: Hashimotos subclinical ? Iron deficiency

Date	23/11/22	19/06/23	14/02/24	12/11/24		
Time	1034	1008	0836	0859		
Lab Id.	406021375	406201910	406576609	406829145	Units	Reference
Ferritin.	12 L	20	24	17 L	ug/L	(20-160)
Iron.	20	30 H	22	17	umol/L	(7-26)
Transferrin	2.7	2.6	2.6	2.6	g/L	(2.0-3.6)
Saturation.	32	50 H	37	28	%	(15-45)

Comments on Collection 12/11/24 0859:
Iron Studies
This pattern is suggestive of low iron stores. Unusually severe menstrual losses should be excluded. If there is no appropriate history, testing for other causes, including blood loss and malabsorption (e.g. Coeliac Disease) should be considered.

TR

Hobart Pathology NATA Accreditation No. 2270

Tests Completed: LFTS, Renal Function, Electrolytes, Iron Studies, TSHFT4, Vitamin B12, Active B12, VIT D (25-OH), Antibodies to TPO, FBC

Tests Pending :

Sample Pending :