



Tweed Health for Everyone Superclinic
33 - 35 Corporation Circuit, Tweed Heads South NSW 2486
Tweed Health for Everyone Terranora
2-14 Henry Lawson Drive, Terranora NSW 2486
THE Allied Hub
8/43 Greenway Drive, Tweed Heads South NSW 2486
Ph: 07 55 897 555 Fax: 07 55 230 644

Investigations:

FLETCHER, MADELINE
3203/24 THE LANES BOULEVARD, MERMAID WATERS. 4218
Phone: 0425622350
Birthdate: 03/12/1997 **Sex:** F **Medicare Number:** 2202798245
Your Reference: 3B35871FE9 **Lab Reference:** 682748673-H-H900
Laboratory: SNP
Addressee: DR JESSICA M HUGHES **Referred by:** DR JESSICA M HUGHES

Name of Test: .BLOOD COUNT
Requested: 08/06/2023 **Collected:** 10/07/2023 **Reported:** 10/07/2023 13:24

Clinical Notes :

Haematology

Date	15-Jul-21 18-Nov-22		Latest Results		
			10-Jul-23		
Time F-Fast	0832 F 0921		0734 F		
Lab Id.	659282270	670433452	682748673	Reference	Units
Haemoglobin	133	136	130	(115-165)	g/L
Haematocrit	0.40	0.41	0.38	(0.35-0.47)	
RCC	4.4	4.6	4.3	(3.9-5.6)	10*12/L
MCV	91	89	89	(80-100)	fL
WCC	5.6	5.1	6.2	(3.5-12.0)	10*9/L
Neutrophils	3.27	3.10	3.26	(1.5-8.0)	10*9/L
Lymphocytes	1.80	1.57	2.34	(1.0-4.0)	10*9/L
Monocytes	0.41	0.36	0.49	(0-0.9)	10*9/L
Eosinophils	0.08	0.05	0.08	(0-0.6)	10*9/L
Basophils	0.06	0.03	0.06	(0-0.15)	10*9/L
Platelets	238	230	224	(150-400)	10*9/L

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: FBE

Tests Pending : Iron Studies,E/LFT,TFTH,Folate (Serum),Oestradiol,
Progesterone,Testosterone,Active B12

Sample Pending :

FLETCHER, MADELINE
3203/24 THE LANES BOULEVARD, MERMAID WATERS. 4218
Phone: 0425622350
Birthdate: 03/12/1997 **Sex:** F **Medicare Number:** 2202798245
Your Reference: 3B35871FE9 **Lab Reference:** 682748673-C-H245
Laboratory: SNP
Addressee: DR JESSICA M HUGHES **Referred by:** DR JESSICA M HUGHES

Name of Test: .ANAEMIA
Requested: 08/06/2023 **Collected:** 10/07/2023 **Reported:** 10/07/2023 16:24

Clinical Notes :

Haematinics

			Latest Results		
Date	15-Jul-21	18-Nov-22	10-Jul-23		
Time F-Fast	0832 F	0921	0734 F		
Lab Id.	659282270	670433452	682748673	Reference	Units
Iron	13	11	11	(5-30)	umol/L
Transferrin	2.9	2.7	2.5	(1.9-3.1)	g/L
TIBC	72	68	62	(47-77)	umol/L
Trans Sat	18 L	16 L	18 L	(20-45)	%
Ferritin	17 L	30	34	(30-250)	ug/L
Vitamin B12		345		(>150)	pmol/L
Active B12		>128	112	(>35)	pmol/L
Folate serum		37	22	(>7.0)	nmol/L

Comments on Collection 10-Jul-23 0734 F:

Iron Studies

The normal ferritin implies normal iron stores. However, a normal ferritin level may be seen in iron deficient patients who have recently taken oral iron, or who have an intercurrent illness causing ferritin elevation.

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.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,TFTH,Folate (Serum),Oestradiol, Testosterone,Active B12,FBE

Tests Pending : E/LFT,Progesterone

Sample Pending :

FLETCHER, MADELINE
3203/24 THE LANES BOULEVARD, MERMAID WATERS. 4218
Phone: 0425622350
Birthdate: 03/12/1997 **Sex:** F **Medicare Number:** 2202798245
Your Reference: 3B35871FE9 **Lab Reference:** 682748673-E-E030
Laboratory: SNP
Addressee: DR JESSICA M HUGHES **Referred by:** DR JESSICA M HUGHES

Name of Test: S- THYROID FUNCTION

Requested: 08/06/2023 **Collected:** 10/07/2023 **Reported:** 10/07/2023 16:24

Clinical Notes :

Thyroid Function Tests

			Latest Results		
Date	18-Nov-22	10-Jul-23			
Time F-Fast	0921	0734 F			
Lab Id.	670433452	682748673	Reference	Units	
Free T4	10.2	10.9	(9.0-19.0)	pmol/L	
TSH	6.6 H	4.2 H	(0.3-3.5)	mIU/L	

Comments on Collection 10-Jul-23 0734 F:

Sub-clinical hypothyroidism. Repeat testing in three months may show progression of disease. Patients whose results are stable may not require treatment.

EA

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Tests Completed: Iron Studies,TFTH,Folate (Serum),Oestradiol,
Testosterone,Active B12,FBE
Tests Pending : E/LFT,Progesterone
Sample Pending :

FLETCHER, MADELINE
3203/24 THE LANES BOULEVARD, MERMAID WATERS. 4218
Phone: 0425622350
Birthdate: 03/12/1997 Sex: F Medicare Number: 2202798245
Your Reference: 3B35871FE9 Lab Reference: 682748673-E-E515
Laboratory: SNP
Addressee: DR JESSICA M HUGHES Referred by: DR JESSICA M HUGHES

Name of Test: S- ANDROGENS
Requested: 08/06/2023 Collected: 10/07/2023 Reported: 10/07/2023 16:24

Clinical Notes :

Androgens

Testosterone 1.1 (<2.2) nmol/L

EA

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Tests Completed: Iron Studies,TFTH,Folate (Serum),Oestradiol,
Testosterone,Active B12,FBE
Tests Pending : E/LFT,Progesterone
Sample Pending :

FLETCHER, MADELINE
3203/24 THE LANES BOULEVARD, MERMAID WATERS. 4218
Phone: 0425622350
Birthdate: 03/12/1997 Sex: F Medicare Number: 2202798245
Your Reference: 3B35871FE9 Lab Reference: 682748673-C-C140
Laboratory: SNP
Addressee: DR JESSICA M HUGHES Referred by: DR JESSICA M HUGHES

Name of Test: S- ROUTINE CHEMISTRY
Requested: 08/06/2023 Collected: 10/07/2023 Reported: 10/07/2023 17:24

Chemistry (serum)

Date	Latest Results			Reference	Units
	15-Jul-21	18-Nov-22	10-Jul-23		
Time F-Fast	0832 F	0921	0734 F		
Lab Id.	659282270	670433452	682748673		
Sodium	139	138	138	(135-145)	mmol/L
Potassium	5.2	4.1	4.5	(3.5-5.5)	mmol/L
Chloride	110	106	111 H	(95-110)	mmol/L
Bicarbonate	25	26	25	(20-32)	mmol/L
Anion Gap	4	6	2	(<16)	mmol/L
Calcium (Corr.)	2.32	2.31	2.25	(2.10-2.60)	mmol/L
Phosphate	1.13	1.09	1.18	(0.80-1.50)	mmol/L

Urea	3.7	5.4	5.3	(2.5-6.5)	mmol/L
Urate	0.247	0.320	0.252	(0.150-0.400)	mmol/L
Creatinine	77	73	77	(45-85)	umol/L
eGFR	>90	>90	>90	(>59)	
Fast. Glucose	5.0		5.0	(3.6-6.0)	mmol/L
Random Glucose		4.2		(3.6-7.7)	mmol/L
Total Protein	68	69	67	(64-81)	g/L
Albumin	38	40	40	(33-46)	g/L
Globulin	30	29	27	(23-43)	g/L
T Bilirubin	7	9	7	(<16)	umol/L
ALP	41	81	62	(20-105)	U/L
AST	18	22	18	(10-35)	U/L
ALT	11	12	10	(5-30)	U/L
GGT	15	17	14	(5-35)	U/L
LDH	132	147	142	(<250)	U/L
Cholesterol	4.6	4.0	4.1	(<5.6)	mmol/L
Haemolysis Index	<1	5	3	(<40)	mg/dL

RC

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Tests Completed: Iron Studies, E/LFT, TFTH, Folate (Serum), Oestradiol, Testosterone, Active B12, FBE

Tests Pending : Progesterone

Sample Pending :

FLETCHER, MADELINE
3203/24 THE LANES BOULEVARD, MERMAID WATERS. 4218
Phone: 0425622350
Birthdate: 03/12/1997 Sex: F Medicare Number: 2202798245
Your Reference: 3B35871FE9 Lab Reference: 682748673-E-E199
Laboratory: SNP
Addressee: DR JESSICA M HUGHES Referred by: DR JESSICA M HUGHES

Name of Test: S- FERTILITY HORMONES

Requested: 08/06/2023 Collected: 10/07/2023 Reported: 11/07/2023 05:28

Reproductive Hormones

		Latest Results		
Date	15-Jul-21 18-Nov-22	10-Jul-23		
Time F-Fast	0832 F 0921	0734 F		
Lab Id.	659282270 670433452	682748673	Reference	Units
FSH	<0.1	5		IU/L
LH	<0.1	4		IU/L
Oestradiol	<50	698		pmol/L
Progesterone		40		nmol/L
Reference Limits	Oestradiol	Progesterone		
Follicular	110 - 180	<0.5 - 2.5		
Mid-Cycle	550 - 1650	2.5 - 12.0		
Luteal	180 - 840	12.0 - 90.0		
Menopausal	<200	<2.2		
OCP	<80	<1.5		

SL

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Tests Completed: Iron Studies, E/LFT, TFTH, Folate (Serum), Oestradiol, Progesterone, Testosterone, Active B12, FBE