



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
4-5/8 Corporation Circuit, Tweed Heads South NSW 2486
Ph: 07 55 897 555 Fax: 07 55 230 644

Investigations:

FLETCHER, MADELINE
2/1877 GOLD COAST HIGHWAY, BURLEIGH HEADS. 4220
Phone: 0425622350
Birthdate: 03/12/1997 **Sex:** F **Medicare Number:** 22027982454
Your Reference: **Lab Reference:** 22-7181859-RCM-0
Laboratory: 4Cyte Pathology
Addressee: Dr. JESSICA HUGHES **Referred by:** Dr. JESSICA HUGHES

Name of Test: Biochemistry, Serum
Requested: 05/07/2022 **Collected:** 09/08/2022 **Reported:** 09/08/2022 23:17

Clinical Notes: polycystic ovary syndrome; timed urine test:
commenced 07/08/22 16:00 completed 08/08/22 16:00 time period:
24hr vol: 2880mls

Pathologist: Dr P. Stewart

Biochemistry (Serum)

Coll Date:	30/05/22	09/08/22	
Coll Time:	07:22	07:15	
Lab Number:	6719320	7181859	
Sodium	141	140	(135-145) mmol/L
Potassium	4.6	4.6	(3.5-5.5) mmol/L
Chloride	106	107	(95-110) mmol/L
Bicarbonate	28	25	(22-32) mmol/L
Anion Gap	12	13	(8-19) mmol/L
Urea	3.0 L	4.5	(3.2-8.2) mmol/L
Creatinine	87	87	(45-90) umol/L
eGFR	81	81	(> 59)
Urate	0.24	0.27	(0.15-0.40) mmol/L
Total Protein	75	72	(60-80) g/L
Globulin	31	30	(23-39) g/L
Albumin	44	42	(34-50) g/L
Bilirubin	13	12	(< 21) umol/L
Alk. Phosphatase	84	80	(30-110) U/L
Gamma GT	13	18	(< 36) U/L
ALT	18	14	(< 35) U/L
AST	27	28	(< 30) U/L
LD	155	152	(120-250) U/L
Calcium	2.52	2.42	(2.10-2.60) mmol/L
Adj. Calcium	2.44	2.38	(2.10-2.60) mmol/L
Phosphate	1.28	1.34	(0.75-1.50) mmol/L

Tests to follow: AMH, CPEP, GTT, HOR, HOR, TRACE, TFT, UFC

FLETCHER, MADELINE
2/1877 GOLD COAST HIGHWAY, BURLEIGH HEADS. 4220

Phone: 0425622350
Birthdate: 03/12/1997 Sex: F Medicare Number: 22027982454
Your Reference: Lab Reference: 22-7181859-LPM-0
Laboratory: 4Cyte Pathology
Addressee: Dr. JESSICA HUGHES Referred by: Dr. JESSICA HUGHES

Name of Test: Lipid Studies
Requested: 05/07/2022 Collected: 09/08/2022 Reported: 09/08/2022 23:17

Clinical Notes: polycystic ovary syndrome; timed urine test:
commenced 07/08/22 16:00 completed 08/08/22 16:00 time period:
24hr vol: 2880mls

Pathologist: Dr P. Stewart

Lipid Studies (Serum)

Coll Date: 30/05/22 09/08/22
Coll Time: 07:22 07:15
Lab Number: 6719320 7181859

Status	Fasting	Fasting		
Cholesterol	3.5	4.7	(< 5.6)	mmol/L
Triglyceride	0.7	0.8	(< 2.1)	mmol/L
HDL-c		1.6	(> 1.1)	mmol/L
LDL-c		2.7	(< 3.1)	mmol/L
TC/HDL-c		2.9	(< 4.5)	
Non-HDL-c		3.1	(< 4.1)	mmol/L

Tests to follow: AMH,CPEP,GTT,HOR,HOR,TRACE,TFT,UFC

FLETCHER, MADELINE
2/1877 GOLD COAST HIGHWAY, BURLEIGH HEADS. 4220
Phone: 0425622350
Birthdate: 03/12/1997 Sex: F Medicare Number: 22027982454
Your Reference: Lab Reference: 22-7181859-THM-0
Laboratory: 4Cyte Pathology
Addressee: Dr. JESSICA HUGHES Referred by: Dr. JESSICA HUGHES

Name of Test: Thyroid
Requested: 05/07/2022 Collected: 09/08/2022 Reported: 10/08/2022 11:44

Clinical Notes: polycystic ovary syndrome; timed urine test:
commenced 07/08/22 16:00 completed 08/08/22 16:00 time period:
24hr vol: 2880mls

Pathologist: Dr P. Stewart

Thyroid (Serum)

Coll Date: 30/05/22 09/08/22
Coll Time: 07:22 07:15
Lab Number: 6719320 7181859

TSH	6.90	H	(0.50-4.00)	mIU/L
Free T4	13.0		(10.0-22.7)	pmol/L
TPO Ab	> 1300.0	H	(< 60.0)	IU/mL

Thyroglobulin Ab	< 1.3	(< 4.5)	IU/mL
TSH-R Ab	0.19	(< 0.55)	IU/L

TPO Abs in hypothyroid patients are consistent with autoimmune thyroid disease/Hashimoto's. TPO Abs are predictive of clinical progression and are associated with preterm birth, miscarriage and subfertility.

Tests to follow: AMH,TRACE,UFC

FLETCHER, MADELINE
2/1877 GOLD COAST HIGHWAY, BURLEIGH HEADS. 4220
Phone: 0425622350
Birthdate: 03/12/1997 Sex: F Medicare Number: 22027982454
Your Reference: Lab Reference: 22-7181859-HRM-0
Laboratory: 4Cyte Pathology
Addressee: Dr. JESSICA HUGHES Referred by: Dr. JESSICA HUGHES

Name of Test: Hormones
Requested: 05/07/2022 Collected: 09/08/2022 Reported: 10/08/2022 10:30

Clinical Notes: polycystic ovary syndrome; timed urine test:
commenced 07/08/22 16:00 completed 08/08/22 16:00 time period:
24hr vol: 2880mls

Pathologist: Dr P. Stewart

Hormones (Serum)

Coll Date: 09/08/22
Coll Time: 07:15
Lab Number: 7181859

IGF-1 28.5 (15.1-46.5) nmol/L

Tests to follow: AMH,TRACE,TFT,UFC

FLETCHER, MADELINE
2/1877 GOLD COAST HIGHWAY, BURLEIGH HEADS. 4220
Phone: 0425622350
Birthdate: 03/12/1997 Sex: F Medicare Number: 22027982454
Your Reference: Lab Reference: 22-7181859-HOR-0
Laboratory: 4Cyte Pathology
Addressee: Dr. JESSICA HUGHES Referred by: Dr. JESSICA HUGHES

Name of Test: Hormones
Requested: 05/07/2022 Collected: 09/08/2022 Reported: 10/08/2022 09:52

Clinical Notes: polycystic ovary syndrome; timed urine test:
commenced 07/08/22 16:00 completed 08/08/22 16:00 time period:
24hr vol: 2880mls

Pathologist: Dr P. Stewart

Reproductive Hormones (Serum)

Coll Date: 30/05/22 09/08/22
Coll Time: 07:22 07:15
Lab Number: 6719320 7181859

LH	4.6			U/L
FSH	6.7			IU/L
LH/FSH Ratio	0.7	(< 2.0)		
Oestradiol	206			pmol/L
Progesterone	1.7			nmol/L
DHEAS		6.5	(0.7-12.0)	umol/L
Testosterone	1.1	1.3	(0.3-1.8)	nmol/L
SHBG		56	(11-180)	nmol/L
Prolactin		157	(60-600)	mIU/L
Bioav.Testo.		0.5		nmol/L
FAI		2.3	(0.3-9.8)	%

Bioavailable Testosterone Reference Intervals

Pre-menopausal (0.1-0.9)

Post-menopausal (0.1-0.7)

FAI Reference Intervals

Pre-menopausal (0.3-9.8)

Post-menopausal (0.2-5.9)

Tests to follow: AMH,HOR,TRACE,TFT,UFC

FLETCHER, MADELINE
2/1877 GOLD COAST HIGHWAY, BURLEIGH HEADS. 4220
Phone: 0425622350
Birthdate: 03/12/1997 Sex: F Medicare Number: 22027982454
Your Reference: Lab Reference: 22-7181859-DMM-0
Laboratory: 4Cyte Pathology
Addressee: Dr. JESSICA HUGHES Referred by: Dr. JESSICA HUGHES

Name of Test: C-peptide/insulin
Requested: 05/07/2022 Collected: 09/08/2022 Reported: 10/08/2022 09:52

Clinical Notes: polycystic ovary syndrome; timed urine test:
commenced 07/08/22 16:00 completed 08/08/22 16:00 time period:
24hr vol: 2880mls

Pathologist: Dr P. Stewart

Diabetes Monitoring (Serum)

Coll Date: 09/08/22
Coll Time: 07:15
Lab Number: 7181859

Insulin	6.4	(3.0-25.0)	mIU/L
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The reference interval only applies to fasting patients.

Tests to follow: AMH,HOR,TRACE,TFT,UFC

FLETCHER, MADELINE
2/1877 GOLD COAST HIGHWAY, BURLEIGH HEADS. 4220
Phone: 0425622350
Birthdate: 03/12/1997 Sex: F Medicare Number: 22027982454
Your Reference: Lab Reference: 22-7181859-GTT-0

Laboratory: 4Cyte Pathology
Addressee: Dr. JESSICA HUGHES

Referred by: Dr. JESSICA HUGHES

Name of Test: Glucose Tolerance Test

Requested: 05/07/2022 **Collected:** 09/08/2022 **Reported:** 10/08/2022 09:45

Clinical Notes: polycystic ovary syndrome; timed urine test:
commenced 07/08/22 16:00 completed 08/08/22 16:00 time period:
24hr vol: 2880mls

Pathologist: Dr P. Stewart

Glucose Tolerance Test (Plasma)

Glucose Fasting	4.7	(< 6.1)	mmol/L
Glucose 1 Hour	3.8		mmol/L
Glucose 2 Hour	4.9	(< 7.8)	mmol/L

Normal OGTT result. Diabetes diagnosis unlikely. Diabetes Australia recommends testing HbA1c (or OGTT if contraindications such as anaemia, haemoglobinopathies etc.) in 36 months.

Tests to follow: AMH,HOR,TRACE,TFT,UFC

FLETCHER, Madeline
2/1887 Gold Coast Hwy, BURLEIGH HEADS. 4220
Birthdate: 03/12/1997 **Sex:** F **Medicare Number:** 22027982454
Your Reference: 22-7181859 **Lab Reference:** 471897031
Laboratory: NSW Health Pathology - North
Addressee: Dr Jessica HUGHES **Referred by:** Dr Jessica Hughes

Name of Test: Hormones

Specimen: Urine

Requested: 09/08/2022 **Collected:** 09/08/2022 **Reported:** 11/08/2022 14:21

NSWHP - Pathology Report

Collected: 07:15 09-Aug-22 MRN: TA6234102 Specimen Type: Urine

Clinical Notes:
Not provided

Urine Free Cortisol	96	nmol/24h	< 270
Urine Free Cortisol	33	nmol/L	

Unextracted urine measured on Abbott Architect analyser.

FLETCHER, MADELINE
2/1877 GOLD COAST HIGHWAY, BURLEIGH HEADS. 4220
Phone: 0425622350
Birthdate: 03/12/1997 **Sex:** F **Medicare Number:** 22027982454
Your Reference: **Lab Reference:** 22-7181859-UFC-0
Laboratory: 4Cyte Pathology
Addressee: Dr. JESSICA HUGHES **Referred by:** Dr. JESSICA HUGHES

Name of Test: Urine Free Cortisol

Requested: 05/07/2022 **Collected:** 09/08/2022 **Reported:** 11/08/2022 15:54

Clinical Notes: polycystic ovary syndrome; timed urine test:
commenced 07/08/22 16:00 completed 08/08/22 16:00 time period:
24hr vol: 2880mls

Urinary Free Cortisol (24H) (Urine)

Urine Fr.Cortisol	96	(< 270)	nmol/d
Urine Fr.Cortisol	33		nmol/L

Unextracted urine measured on Abbott Architect analyser.

Test performed by NSW Health Pathology. NATA/RCPA Accreditation Number: 1981.

Tests to follow: AMH,TRACE

FLETCHER, MADELINE
2/1877 GOLD COAST HIGHWAY, BURLEIGH HEADS. 4220
Phone: 0425622350
Birthdate: 03/12/1997 **Sex:** F **Medicare Number:** 22027982454
Your Reference: **Lab Reference:** 22-7181859-AMH-0
Laboratory: 4Cyte Pathology
Addressee: Dr. JESSICA HUGHES **Referred by:** Dr. JESSICA HUGHES

Name of Test: Amh
Requested: 05/07/2022 **Collected:** 09/08/2022 **Reported:** 13/08/2022 08:33

Clinical Notes: polycystic ovary syndrome; timed urine test:
commenced 07/08/22 16:00 completed 08/08/22 16:00 time period:
24hr vol: 2880mls

Anti-Mullerian Hormone (Serum)

AMH	71.2	(8.7-83.6)	pmol/L
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For further information please refer to the AMH fact sheet at
<https://www.pathology.health.nsw.gov.au/clinical-services/clinical-fact-sheets>

Test performed by SEALS Pathology, Prince of Wales Hospital. NATA/RCPA Accreditation Number: 2206.

Tests to follow: TRACE