

BUTCHER, LILLY
 LOT 12 SIMPSON RD, STRATHDICKIE. 4800
Phone: 04 00773478
Birthdate: 31/07/2007 **Sex:** F **Medicare Number:** 33171262913
Your Reference: **Lab Reference:** 24-76944046-THY-0
Laboratory: QML Pathology
Addressee: DR HLAIEIHNNIN SI **Referred by:** DR HLAIEIHNNIN SI

Name of Test: THYROID TEST MASTER
Requested: 21/10/2024 **Collected:** 30/10/2024 **Reported:** 30/10/2024
 23:58

CUMULATIVE SERUM THYROID FUNCTION TESTS

Date 30/10/24
 Time 07:37
 Lab No 76944046

TSH 1.4 mIU/L (0.50-4.00)

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

Please note that without a specific indication, Medicare does not fund FT4 and FT3 testing in patients with normal TSH results. If these tests are clinically indicated please contact the laboratory.

Clinical Notes : irregular period NO OCP NO HRT NO RX

Tests Completed:TFT, FREE T4, FREE T3, FBC
 Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, PRL, E2, LH, FSH, INSULIN
 Tests Pending :SERUM FOLATE, ACTIVE VITAMIN B12, SE VIT D, DHEAS

BUTCHER, LILLY
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Phone: 04 00773478
Birthdate: 31/07/2007 **Sex:** F **Medicare Number:** 33171262913
Your Reference: **Lab Reference:** 24-76944046-CBC-0
Laboratory: QML Pathology
Addressee: DR HLAIEIHNNIN SI **Referred by:** DR HLAIEIHNNIN SI

Name of Test: MASTER FULL BLOOD COUNT
Requested: 21/10/2024 **Collected:** 30/10/2024 **Reported:** 30/10/2024
 23:37

FULL BLOOD EXAMINATION

Haemoglobin	129	g/L	(115-160)
Red Cell Count	4.4	x10 ^12 /L	(3.6-5.2)
Haematocrit	0.40		(0.33-0.46)
Mean Cell Volume	90	fL	(80-98)
Mean Cell Haemoglobin	29	pg	(27-35)
Platelet Count	220	x10 ^9 /L	(150-450)
White Cell Count	5.9	x10 ^9 /L	(4.0-11.0)
Neutrophils	53 %	3.1 x10 ^9 /L	(2.0-7.5)

Lymphocytes	38 %	2.2	x10 ^9 /L	(1.1-4.0)
Monocytes	8 %	0.5	x10 ^9 /L	(0.2-1.0)
Eosinophils	0 %	0.00	x10 ^9 /L	(0.04-0.40)
Basophils	1 %	0.06	x10 ^9 /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.

An apparent Eosinopenia is present - this is often a benign variant, but can be associated with infection, steroid excess, dysgranulation disorders, or very occasionally and paradoxically some "Eosinophilic" Disorders without an eosinophilia. Correlate Clinically.

**** FINAL REPORT - Please destroy previous report ****

Clinical Notes : irregular period NO OCP NO HRT NO RX

Tests Completed:FBC

Tests Pending :TFT, FREE T4, FREE T3, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, PRL, E2

Tests Pending :LH, FSH, INSULIN, SERUM FOLATE, ACTIVE VITAMIN B12, SE VIT D, DHEAS

BUTCHER, LILLY
LOT 12 SIMPSON RD, STRATHDICKIE.4800

Phone: 04 00773478

Birthdate: 31/07/2007 **Sex:** F **Medicare Number:** 33171262913

Your Reference: **Lab Reference:** 24-76944046-VD-0

Laboratory: QML Pathology

Addressee: DR HLAIEHNIN SI **Referred by:** DR HLAIEHNIN SI

Name of Test: VITAMIN D,SERUM

Requested: 21/10/2024 **Collected:** 30/10/2024 **Reported:** 31/10/2024
00:03

CUMULATIVE SERUM VITAMIN D

Date 30/10/24

Time 07:37

Lab No 76944046

Vitamin D3 117 nmol/L (> 49)

Clinical Notes : irregular period NO OCP NO HRT NO RX

Tests Completed:TFT, FREE T4, FREE T3, FBC, SE VIT D

Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, PRL, E2, LH, FSH, INSULIN

Tests Pending :SERUM FOLATE, ACTIVE VITAMIN B12, DHEAS

BUTCHER, LILLY
LOT 12 SIMPSON RD, STRATHDICKIE.4800

Phone: 04 00773478

Birthdate: 31/07/2007 **Sex:** F **Medicare Number:** 33171262913

Your Reference: **Lab Reference:** 24-76944046-BFM-0
Laboratory: QML Pathology
Addressee: DR HLAIEHNIN SI **Referred by:** DR HLAIEHNIN SI

Name of Test: MASTER VITAMIN B12 FOLATE
Requested: 21/10/2024 **Collected:** 30/10/2024 **Reported:** 31/10/2024
02:05

Holo TC Assay	138	pmol/L	(> 35)
Serum Folate Assay	33.9	nmol/L	(8.4-55.0)

Comment:

Serum Folate Assay:
Adequate Serum Folate.
In the absence of recent oral intake, a serum folate >13 nmol/L effectively rules out folate deficiency. Consider repeat fasting Folate, if there has been inadequate fasting, and clinical concern remains.

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.

Clinical Notes : irregular period NO OCP NO HRT NO RX

Tests Completed:TFT, FREE T4, FREE T3, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, PRL, E2
Tests Completed:LH, FSH, INSULIN, FBC, SERUM FOLATE, ACTIVE VITAMIN B12, SE VIT D
Tests Completed:DHEAS
Tests Pending :

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Laboratory: QML Pathology
Addressee: DR HLAIEHNIN SI **Referred by:** DR HLAIEHNIN SI

Name of Test: DIABETES MASTER
Requested: 21/10/2024 **Collected:** 30/10/2024 **Reported:** 31/10/2024
00:12

Insulin	19	mU/L	random (< 100)
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Glucose 3.1 mmol/L random (3.0-7.7)

Clinical Notes : irregular period NO OCP NO HRT NO RX

Tests Completed:TFT, FREE T4, FREE T3, INSULIN, FBC, SE VIT D, DHEAS
Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, PRL, E2, LH, FSH, SERUM FOLATE
Tests Pending :ACTIVE VITAMIN B12

BUTCHER, LILLY
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Birthdate: 31/07/2007 Sex: F Medicare Number: 33171262913
Your Reference: Lab Reference: 24-76944046-DHE-0
Laboratory: QML Pathology
Addressee: DR HLAEIHNIN SI Referred by: DR HLAEIHNIN SI

Name of Test: DHE-S
Requested: 21/10/2024 Collected: 30/10/2024 Reported: 31/10/2024
00:10

DHEA - Sulphate	8.3	umol/L	Prepub. (0.3-1.6)
(DeHydroEpiAndrosterone)			Adult (0.8-10.3)
(previous units)	3000	ng/mL	Prepub. (100-600)
			Adult (300-3800)

Clinical Notes : irregular period NO OCP NO HRT NO RX

Tests Completed:TFT, FREE T4, FREE T3, FBC, SE VIT D, DHEAS
Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, PRL, E2, LH, FSH, INSULIN
Tests Pending :SERUM FOLATE, ACTIVE VITAMIN B12

BUTCHER, LILLY
LOT 12 SIMPSON RD, STRATHDICKIE.4800
Phone: 04 00773478
Birthdate: 31/07/2007 Sex: F Medicare Number: 33171262913
Your Reference: Lab Reference: 24-76944046-FHM-0
Laboratory: QML Pathology
Addressee: DR HLAEIHNIN SI Referred by: DR HLAEIHNIN SI

Name of Test: FERTILITY HORMONE MASTER
Requested: 21/10/2024 Collected: 30/10/2024 Reported: 31/10/2024
01:47

Prolactin	133	mIU/L	(< 400)
Luteinizing Hormone	12	IU/L	
Follicle Stimulating Hormone	7	IU/L	
Oestradiol	170	pmol/L	
Progesterone	2	nmol/L	

Testosterone	1.0	nmol/L	(0.4-2.1)
Sex Hormone Binding Globulin	46	nmol/L	(18-114)

Ranges:	Follicular Phase	Midcycle Peak	Luteal Phase	Post-Menopausal
LH	2 - 12	10 - 130	1 - 17	15 - 60
FSH	1 - 10	3 - 33	1 - 9	20 - 140
Oestradiol	70 - 530	230 - 1310	200 - 790	< 120
Progesterone	< 5	rising	20 - 110	< 3

LH significantly greater than FSH,
 ? imminent ovulation
 ? impeded ovulation (eg polycystic ovary syndrome.)

Clinical Notes : irregular period NO OCP NO HRT NO RX

Tests Completed:TFT, FREE T4, FREE T3, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, PRL, E2

Tests Completed:LH, FSH, INSULIN, FBC, SE VIT D, DHEAS

Tests Pending :SERUM FOLATE, ACTIVE VITAMIN B12