

Patient Name: JACOB, KATHARINA
Patient Address: 3/356 CLOVELLY RD, CLOVELLY 2031
D.O.B: 6/07/1985
Medicare No.: 2761356681
Lab. Reference: 19-16677473-TAA-0
Addressee: DR THEODORE ARONEY
Gender: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. THEODORE ARONEY
Date Requested: 21/03/2019
Date Performed: 23/03/2019
Date Collected: 23/03/2019
Complete: Final
Specimen:
Subject(Test Name): THYROID AUTOANTIBODIES (TAA-0)
Clinical Information:

Clinical Notes : Lethargy hair loss.

THYROID AUTOANTIBODIES

Specimen Type: Serum

Anti-Thyroglobulin Abs (Immulite)	< 20	IU/mL	(< 41)
Anti-Thyroidal Peroxidase Abs	63	IU/ml	(< 60)

Over 90% of patients with autoimmune thyroiditis show moderate to high levels of Anti-Thyroidal Peroxidase Abs (anti-TPO) with Anti-Thyroglobulin Abs (anti-Tg) also present in about 90% of such patients. Up to 75% of patients with Graves' hyperthyroidism show increased anti-TPO with anti-Tg present in 50-60%. Low levels of both anti-TPO and anti-Tg may be found in up to 10% of "normal" asymptomatic adults. In most cases of autoimmune thyroid disease increased anti-TPO is the predominant finding although a small proportion of patients show a predominant increase in anti-Tg.

Requested Tests : TAA, TFT, GLU, MBA, LIP, FE, FBE, COR*, ACH

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Medicare No.: 2761356681
Lab. Reference: 19-16677473-TFT-0
Addressee: DR THEODORE ARONEY
Gender: F
IHI No.:
Provider: Laverty Pathology
Referred by: DR. THEODORE ARONEY
Date Requested: 21/03/2019
Date Collected: 23/03/2019
Specimen:
Subject(Test Name): THYROID FUNCTION TEST (TFT-0)
Clinical Information:

Date Performed: 23/03/2019
Complete: Final

Clinical Notes : Lethargy hair loss.

		THYROID PROFILE	
Request Number		27467633	16677473
Date Collected		10 Mar 17	23 Mar 19
Time Collected		08:44	10:48
Specimen Type:	Serum		
TSH	(0.5-4.0) mIU/L	1.8	< 0.02
FT4	(10-20) pmol/L		33
FT3	(3.5-6.0) pmol/L		9.5

Please note the above reference intervals have been developed from a non-pregnant healthy general population study.

The pattern of an elevated FT4 and FT3 with a suppressed TSH, supported by clinical findings, is consistent with hyperthyroidism.

Requested Tests : TFT, GLU, MBA, LIP, FE, FBE, COR*, ACH*

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D.O.B:	6/07/1985	Provider:	Laverty Pathology
Medicare No.:	2761356681	Referred by:	DR. THEODORE ARONEY
Lab. Reference:	19-16677473-GLU-0		
Addressee:	DR THEODORE ARONEY		
Date Requested:	21/03/2019	Date Performed:	23/03/2019
Date Collected:	23/03/2019	Complete:	Final
Specimen:			
Subject(Test Name):	GLUCOSE (GLU-0)		
Clinical Information:			

Clinical Notes : Lethargy hair loss.

SERUM/PLASMA GLUCOSE

Request Number	27467633	16677473
Date Collected	10 Mar 17	23 Mar 19
Time Collected	08:44	10:48
Fasting status	Fasting	Fasting
Serum (3.4-5.4) mmol/L	5.2	5.5

Equivocally elevated fasting glucose result. If not recently performed, recommend follow-up assessment with an oral glucose tolerance test or HbA1c.

Requested Tests : TFT*, GLU, MBA, LIP, FE*, FBE, COR*, ACH*

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Gender: F
Medicare No.: 2761356681
IHI No.:
Lab. Reference: 19-16677473-FE-0
Provider: Lavery Pathology
Addressee: DR THEODORE ARONEY
Referred by: DR. THEODORE ARONEY
Date Requested: 21/03/2019
Date Performed: 23/03/2019
Date Collected: 23/03/2019
Complete: Final
Specimen:
Subject(Test Name): IRON STUDIES (FE-0)
Clinical Information:

Clinical Notes : Lethargy hair loss.

IRON STUDIES

Request Number	27467633	16677473
Date Collected	10 Mar 17	23 Mar 19
Time Collected	08:44	10:48
Specimen Type: Serum		
Ferritin(30-165)	ug/L	75 120

No evidence of iron deficiency.

Requested Tests : TFT*, GLU, MBA, LIP, FE, FBE, COR*, ACH*

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Patient Address: 3/356 CLOVELLY RD, CLOVELLY 2031
D.O.B: 6/07/1985
Medicare No.: 2761356681
Lab. Reference: 19-16677473-MBA-0
Addressee: DR THEODORE ARONEY
Gender: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. THEODORE ARONEY
Date Requested: 21/03/2019
Date Performed: 23/03/2019
Date Collected: 23/03/2019
Complete: Final
Specimen:
Subject(Test Name): SERUM CHEMISTRY (MBA-0)
Clinical Information:

Clinical Notes : Lethargy hair loss.

SERUM CHEMISTRY

Request Number 27467633 16677473
 Date Collected 10 Mar 17 23 Mar 19
 Time Collected 08:44 10:48
 Specimen Type: Serum

Haemolysis		Nil	Nil
Icterus		Nil	Nil
Lipaemia		Nil	Nil
Na	(135-145)	mmol/L	140
K	(3.6-5.4)	mmol/L	4.2
Cl	(95-110)	mmol/L	105
HCO3	(22-32)	mmol/L	25
An Gap	(10-20)	mmol/L	14
Urea	(2.5-8.0)	mmol/L	5.3
Creat	(45-90)	umol/L	60
eGFR	mL/min/1.73m ²		> 90
Urate	(0.14-0.36)	mmol/L	0.26
Bili	(< 15)	umol/L	14
AST	(< 30)	U/L	26
ALT	(< 30)	U/L	18
GGT	(< 30)	U/L	14
Alk Phos	(20-105)	U/L	49
Protein	(60-82)	g/L	70
Albumin	(38-50)	g/L	44
Glob	(20-39)	g/L	26
Ca	(2.10-2.60)	mmol/L	2.33
Corr Ca	(2.10-2.60)	mmol/L	2.37
PO4	(0.75-1.50)	mmol/L	1.21

eGFR >=90 mL/min/1.73m² usually indicates normal kidney function but does not exclude patients with early kidney damage (those with albuminuria, haematuria or abnormal kidney imaging).

Requested Tests : TFT*, GLU, MBA, LIP, FE*, FBE, COR*, ACH*

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Medicare No.: 2761356681
Lab. Reference: 19-16677473-FBE-0
Addressee: DR THEODORE ARONEY
Gender: F
IHI No.:
Provider: Laverty Pathology
Referred by: DR. THEODORE ARONEY
Date Requested: 21/03/2019
Date Collected: 23/03/2019
Date Performed: 23/03/2019
Specimen:
Complete: Final
Subject(Test Name): HAEMATOLOGY (FBE-0)
Clinical Information:

Clinical Notes : Lethargy hair loss.

		HAEMATOLOGY	
		27467633	16677473
Request Number			
Date Collected		10 Mar 17	23 Mar 19
Time Collected		08:44	10:48
Specimen Type:	EDTA		
Hb (115-165)	g/L	131	129
Hct (0.34-0.47)		0.38	0.38
RCC (3.9-5.8)	x10 ¹² /L	4.1	4.1
MCV (79-99)	fL	93	93
MCH (27-34)	pg	32	32
MCHC (320-360)	g/L	342	339
RDW (10.0-17.0)	%	12.2	11.5
WBC (4.0-11.0)	x10 ⁹ /L	5.5	4.5
Neut (2.0-7.5)	x10 ⁹ /L	3.1	2.4
Lymph (1.0-4.0)	x10 ⁹ /L	1.8	1.6
Mono (0.2-1.0)	x10 ⁹ /L	0.5	0.4
Eos (< 0.7)	x10 ⁹ /L	0.1	0.0
Baso (< 0.2)	x10 ⁹ /L	0.1	0.0
Plat (150-400)	x10 ⁹ /L	227	197

HAEMATOLOGY: FBC parameters are within reference range.

Requested Tests : TFT*, GLU*, MBA*, LIP*, FE*, FBE, COR*, ACH*

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Medicare No.: 2761356681
Lab. Reference: 19-16677473-LIP-0
Addressee: DR THEODORE ARONEY
Gender: F
IHI No.:
Provider: Lavery Pathology
Referred by: DR. THEODORE ARONEY
Date Requested: 21/03/2019
Date Collected: 23/03/2019
Specimen:
Subject(Test Name): LIPID STUDIES (LIP-0)
Clinical Information:

Clinical Notes : Lethargy hair loss.

Request Number LIPID STUDIES
 Date Collected 27467633 16677473
 Time Collected 10 Mar 17 23 Mar 19
 Specimen Type: Serum 08:44 10:48

Reference intervals are included for reference only, and interpretation / treatment goals should be guided by patient-specific cardiovascular risk assessment (see Australian Cardiovascular Risk Charts. Alternatively, the web-site www.cvdcheck.org.au can be accessed in order to complete a risk assessment for individual patients.)

Haemolysis	Nil	Nil
Icterus	Nil	Nil
Lipaemia	Nil	Nil

		Fasting	Fasting
Fasting status			
Chol (3.6-5.2)	mmol/L	5.2	3.6
Trig (0.5-1.7)	mmol/L	0.4	0.4
HDL (1.0-2.0)	mmol/L	2.1	1.4
LDL (1.5-3.4)	mmol/L	2.9	2.0
Non-HDL (< 3.4)	mmol/L	3.1	2.2
Chol/HDL (< 4.5)		2.5	2.6

NVDP A TARGET LIPID RANGES (MMOL/L) FOR PATIENTS AT HIGH / MODERATE RISK OF CARDIOVASCULAR DISEASE:

TOTAL CHOLESTEROL	<4.0
TRIGS (FASTING)	<2.0
HDL-C	>= 1.0
LDL-C	<2.0
NON HDL-C	<2.5

Requested Tests : TFT*, GLU, MBA, LIP, FE*, FBE, COR*, ACH*