

URQUHART, JENNY
16 SUNNYSIDE FARM DR, GUNNEDAH. 2380
Phone: 0267421487
Birthdate: 05/10/1966 Sex: F Medicare Number: 2641185985
Your Reference: 00004077 Lab Reference: 23-24250978-TOF-0
Laboratory: Laverty Pathology
Addressee: DR MOHAMMAD HASSAN Referred by: DR MOHAMMAD HASSAN
Name of Test: TO FOLLOW TESTS (TOF-0)
Requested: 21/07/2023 Collected: 22/07/2023 Reported: 22/07/2023
11:18

To Follow -
Please be advised that the following test(s) listed below will follow
with a new episode number. The patient was unable to provide sample(s)
at the initial referral and has been advised to return to complete the
tests.

Thank you for your referral.

OCB - OCCULT BLOOD

Requested Tests : VBF*, TOF, TFT*, TAA*, GLU*, MBA*, LIP*, FE*, DVI*

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 Phone: 0267421487
 Birthdate: 05/10/1966 Sex: F Medicare Number: 2641185985
 Your Reference: 00004077 Lab Reference: 23-24250978-MBA-0
 Laboratory: Lavery Pathology
 Addressee: DR MOHAMMAD HASSAN Referred by: DR MOHAMMAD HASSAN

Name of Test: SERUM CHEMISTRY (MBA-0)
 Requested: 21/07/2023 Collected: 22/07/2023 Reported: 22/07/2023
 21:58

SERUM CHEMISTRY

Request Number	18045768	20562100	18244311	24250978
Date Collected	11 Feb 22	23 Jul 22	17 Jan 23	22 Jul 23
Time Collected	08:04	08:30	11:19	09:19
Specimen Type: Serum				
Haemolysis	Nil	Nil	Nil	Nil
Icterus	Nil	Nil	Nil	Nil
Lipaemia	Nil	Nil	Nil	Nil
Na (135-145) mmol/L	144	142	140	141
K (3.6-5.4) mmol/L	5.1	4.0	4.4	4.7
Cl (95-110) mmol/L	104	105	99	102
HCO3 (22-32) mmol/L	27	26	28	26
An Gap (10-20) mmol/L	18	15	17	18
Urea (2.5-9.0) mmol/L	8.2	6.5	6.7	6.1
Creat (45-90) umol/L	70	65	65	60
eGFR mL/min/1.73m ²	86	> 90	> 90	> 90
Urate (0.14-0.36) mmol/L			0.34	0.31
Bili (< 15) umol/L	8	6	8	7
AST (< 35) U/L	21	21	25	22
ALT (< 30) U/L	24	24	26	32
GGT (< 35) U/L	12	10	12	16
Alk Phos(30-115) U/L	66	69	72	70
Protein (60-82) g/L	73	71	77	73
Albumin (38-50) g/L	42	41	45	41
Glob (20-39) g/L	31	30	32	32
Ca (2.10-2.60) mmol/L		2.14	2.24	2.29
Corr Ca (2.10-2.60) mmol/L		2.18	2.20	2.33
PO4 (0.75-1.50) mmol/L		1.36	1.58	1.60
CPK (< 211) U/L	172			
Mg (0.70-1.10) mmol/L		0.74		

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).

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Your Reference: 00004077 Lab Reference: 23-24250978-VBF-0
Laboratory: Laverty Pathology
Addressee: DR MOHAMMAD HASSAN Referred by: DR MOHAMMAD HASSAN
Name of Test: B12, FOLATE, R.C.FOLATE (VBF-0)
Requested: 21/07/2023 Collected: 22/07/2023 Reported: 22/07/2023
21:58

VITAMIN B12 AND FOLATE STUDIES

Request Number	21870360	24250978
Date Collected	25 Feb 23	22 Jul 23
Time Collected	08:47	09:19

B12 (301-740)pmol/L 521

Serum Folate (> 9.0)nmol/L > 54.0

Requested Tests : VBF, TOF, TFT*, TAA*, GLU, MBA, LIP, FE, DVI*

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 Your Reference: 00004077 Lab Reference: 23-24250978-FE-0
 Laboratory: Laverty Pathology
 Addressee: DR MOHAMMAD HASSAN Referred by: DR MOHAMMAD HASSAN

Name of Test: IRON STUDIES (FE-0)
 Requested: 21/07/2023 Collected: 22/07/2023 Reported: 22/07/2023
 21:58

IRON STUDIES

Request Number	20562100	18244311	21870360	24250978
Date Collected	23 Jul 22	17 Jan 23	25 Feb 23	22 Jul 23
Time Collected	08:30	11:19	08:47	09:19
Specimen Type: Serum				
Iron (10-30) umol/L	10	22	18	17
T'ferrin(32-48) umol/L	25	27	27	24
T. Sat. (13-45) %	20	42	34	36
Ferritin(30-400) ug/L	105	104	100	133

Transferrin may be decreased by inflammation (acute or chronic), or protein deficiency or loss. The ferritin concentration excludes iron deficiency.

Requested Tests : VBF, TOF, TFT*, TAA*, GLU, MBA, LIP, FE, DVI*

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Your Reference: 00004077 Lab Reference: 23-24250978-GLU-0
Laboratory: Laverty Pathology
Addressee: DR MOHAMMAD HASSAN Referred by: DR MOHAMMAD HASSAN

Name of Test: GLUCOSE (GLU-0)
Requested: 21/07/2023 Collected: 22/07/2023 Reported: 22/07/2023
21:58

SERUM/PLASMA GLUCOSE

Request Number	18045768	20562100	18244311	24250978
Date Collected	11 Feb 22	23 Jul 22	17 Jan 23	22 Jul 23
Time Collected	08:04	08:30	11:19	09:19
Fasting status	Fasting	Fasting	Random	Fasting
Serum (3.4-5.4) mmol/L	5.0	4.6	4.6	5.1

Normal glucose concentration.

Requested Tests : VBF, TOF, TFT*, TAA*, GLU, MBA, LIP, FE, DVI*

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OCB - OCCULT BLOOD

Requested Tests : VBF*, TOF, TFT*, TAA*, GLU*, MBA*, LIP*, FE*, DVI*

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Your Reference: 00004077 Lab Reference: 23-24250978-DVI-0
Laboratory: Laverty Pathology
Addressee: DR MOHAMMAD HASSAN Referred by: DR MOHAMMAD HASSAN

Name of Test: VITAMIN D (DVI-0)
Requested: 21/07/2023 Collected: 22/07/2023 Reported: 22/07/2023
22:11

VITAMIN D

Haemolysis	Nil
Serum 25(OH) Vitamin D	134 nmol/L

Suggested decision limits for Vitamin D status:

Sufficiency	51 -200	nmol/L
Mild deficiency	25 - 50	nmol/L
Marked deficiency	< 25	nmol/L
Toxicity	>250	nmol/L

References: Vitamin D and health in adults in Australia and New Zealand:
Position Statement. MJA 2012 June 18; 196(11),686-687.

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 Your Reference: 00004077 Lab Reference: 23-24250978-TAA-0
 Laboratory: Laverty Pathology
 Addressee: DR MOHAMMAD HASSAN Referred by: DR MOHAMMAD HASSAN

 Name of Test: THYROID AUTOANTIBODIES (TAA-0)
 Requested: 21/07/2023 Collected: 22/07/2023 Reported: 22/07/2023
 23:51

THYROID AUTOANTIBODIES

Specimen Type: Serum

Anti-Thyroglobulin Abs (aTGII)	< 1.3	IU/mL	(< 4.5)
Anti-Thyroidal Peroxidase Abs	< 28	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 : VBF, TOF, TFT*, TAA, GLU, MBA, LIP, FE, DVI

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Laboratory: Laverty Pathology
Addressee: DR MOHAMMAD HASSAN Referred by: DR MOHAMMAD HASSAN

Name of Test: THYROID FUNCTION TEST (TFT-0)
Requested: 21/07/2023 Collected: 22/07/2023 Reported: 24/07/2023
11:44

<u>THYROID PROFILE</u>					
Request Number	18244311	22859199	21870360	24250978	
Date Collected	17 Jan 23	21 Jan 23	25 Feb 23	22 Jul 23	
Time Collected	11:19	09:35	08:47	09:19	
Specimen Type: Serum					
TSH (0.5-4.0) mIU/L	8.7	6.2	2.7	< 0.02	
FT4 (10-20) pmol/L		17	15	26	
FT3 (3.5-6.0) pmol/L			4.5	7.1	

Results show a suppressed TSH. This suggests thyroid hormone replacement therapy should be reviewed.

Requested Tests : VBF, TOF, TFT, TAA, GLU, MBA, LIP, FE, DVI