

SWEENEY, VIVIENNE
 18 OCEAN STREET, MOUNT SAINT THOMAS. 2500
 Phone: 61417787513
 Birthdate: 02/11/1972 Sex: F Medicare Number: 2890929891
 Your Reference: 88368 Lab Reference: 489102273-C-SE-
 Laboratory: Southern IML Pathology
 Addressee: DR SARAVANAN ROYAN Referred by: DR SARAVANAN ROYAN

Name of Test: SE-ROUTINE BIO
 Requested: 20/03/2023 Collected: 27/03/2023 Reported: 27/03/2023
 13:19

Clinical notes: Hypothyroidism.

Clinical Notes : Hypothyroidism.

Routine biochemistry

				Latest Results	
Date	14-Feb-20	07-Aug-20	18-Jun-22	27-Mar-23	
Time F-Fast	0932	0753 F	0904 F	0915 F	
Lab Id.	485624139	486440757	488537710	489102273	Reference Units
Fast. Glucose	4.9		4.8	4.5	(3.6-6.0) mmol/L
Sodium	142		140	142	(135-145) mmol/L
Potassium	4.4		4.1	4.3	(3.5-5.5) mmol/L
Chloride	105		108	111 H	(95-110) mmol/L
Bicarbonate	27		25	23	(20-32) mmol/L
Urea	3.8		5.2	4.3	(3.0-8.0) mmol/L
Creat.	81		80	72	(45-85) umol/L
eGFR(CKD.EPI)	75 L		75 L	85 L	(>89)
mL/min/1.73m2					
Calcium	2.53	2.50	2.39		(2.15-2.55) mmol/L
Ca (corr)	2.51	2.58 H	2.45		(2.15-2.55) mmol/L
Phosphate	1.08	0.93	1.07		(0.8-1.5) mmol/L
Mg	0.96				(0.70-1.05) mmol/L
Total Protein		60 L	62 L	59 L	(63-80) g/L
Albumin	41	36	37	36	(33-44) g/L
Globulin		24 L	25 L	23 L	(26-41) g/L
ALP		64	61	62	(30-115) U/L
GGT		66 H	52 H	77 H	(5-35) U/L
ALT		28	32 H	35 H	(5-30) U/L
AST		26	27	29	(10-35) U/L
LDH		167	222	168	(120-250) U/L
T Bilirubin		10	11	5	(3-15) umol/L

Comments on Collection 27-Mar-23 0915 F:
 LFT

The GGT is noted to be raised. Causes include alcohol, drug effects and viraemia.

Renal Function

Kidney disease is unlikely at eGFR levels of ≥ 60 mL/min/1.73m², however as the eGFR is ≤ 90 , further investigation may be indicated for those at increased risk. If required, further information can be found at Kidney Health Australia (www.kidney.org.au).

As this patient is older than 50, Kidney Health Australia recommend consideration of a urinary microalbumin (spot albumin/creatinine ratio).

Supervising Pathologist:SM

Accredited for compliance with NPAAC Standards and ISO 15189

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,

GLUCOSE,Lipids & HDL,FERRITIN,TFT FT4,TF FT4 FT3,
FREE T4,FULL BLOOD COUNT

Tests Pending :
Sample Pending :

SWEENEY, VIVIENNE
 18 OCEAN STREET, MOUNT SAINT THOMAS. 2500
 Phone: 61417787513
 Birthdate: 02/11/1972 Sex: F Medicare Number: 2890929891
 Your Reference: 88368 Lab Reference: 489102273-C-SE-LP
 Laboratory: Southern IML Pathology
 Addressee: DR SARAVANAN ROYAN Referred by: DR SARAVANAN ROYAN

Name of Test: SE-Lipids & HDL
 Requested: 20/03/2023 Collected: 27/03/2023 Reported: 27/03/2023
 13:19

Clinical notes: Hypothyroidism.

Clinical Notes : Hypothyroidism.

				Latest Results		
Date	29-Jan-20	07-Aug-20	18-Jun-22	27-Mar-23		
Time F-Fast	0937	0753 F	0904 F	0915 F		
Lab Id.	485623981	486440757	488537710	489102273	Reference	Units
Status	Random	Fasting	Fasting	Fasting		
Cholesterol	5.00	4.60	6.51 H	6.42 H	(2.30-5.50)	mmol/L
Triglyceride	0.95	0.92	1.43	1.86	(0.00-2.00)	mmol/L
HDL	1.70	1.40	1.54	1.48	(1.00-3.00)	mmol/L
Chol/HDL Ratio	2.9	3.3	4.2	4.3	(0-4.5)	mmol/L
LDL	2.9	2.8	4.3 H	4.1 H	(0.0-3.50)	mmol/L
Non HDLC	3.30	3.20	4.97 H	4.94 H	(<4.00)	mmol/L

Comments on Collection 27-Mar-23 0915 F:

Lipids & HDL

Progress lipid levels.

NVDPA treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol <4.0 mmol/L
 HDL-Cholesterol >=1.00 mmol/L
 Fasting Triglycerides <2.0 mmol/L
 non HDL Cholesterol <2.5 mmol/L

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC. Compared to other lipid parameters, increased non-HDLC is the most significant marker for subclinical atherosclerosis.

(ref: Cardiology Today 2013; 3(2): pp25-27).

Supervising Pathologist:SM

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Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES, GLUCOSE, Lipids & HDL, FERRITIN, TFT FT4, TF FT4 FT3, FREE T4, FULL BLOOD COUNT

Tests Pending :

Sample Pending :

SWEENEY, VIVIENNE
18 OCEAN STREET, MOUNT SAINT THOMAS. 2500
Phone: 61417787513
Birthdate: 02/11/1972 Sex: F Medicare Number: 2890929891
Your Reference: 88368 Lab Reference: 489102273-C-SE-IRN
Laboratory: Southern IML Pathology
Addressee: DR SARA VANAN ROYAN Referred by: DR SARA VANAN ROYAN

Name of Test: SE-IRON STUDIES
Requested: 20/03/2023 Collected: 27/03/2023 Reported: 27/03/2023
13:19

Clinical notes: Hypothyroidism.

Clinical Notes : Hypothyroidism.

IRON

Date	29-Jan-20	07-Aug-20	18-Jun-22	27-Mar-23		
Time F-Fast	0937	0753 F	0904 F	0915 F		
Lab Id.	485623981	486440757	488537710	489102273	Reference	Units
Iron	15.5				(8.8-27.0)	umol/L
Transferrin	2.5				(2.0-3.6)	g/L
Trans Sat	27				(10-45)	%
Ferritin	129	149	98	85	(30-210)	ug/L

Ferritin N.B Ferritin range change 28/04/17

Supervising Pathologist:SM

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Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,
GLUCOSE, Lipids & HDL, FERRITIN, TFT FT4, TF FT4 FT3,
FREE T4, FULL BLOOD COUNT

Tests Pending :
Sample Pending :

SWEENEY, VIVIENNE
 18 OCEAN STREET, MOUNT SAINT THOMAS. 2500
 Phone: 61417787513
 Birthdate: 02/11/1972 Sex: F Medicare Number: 2890929891
 Your Reference: 88368 Lab Reference: 489102273-C-SE-
 Laboratory: Southern IML Pathology
 Addressee: DR SARAVANAN ROYAN Referred by: DR SARAVANAN ROYAN

Name of Test: SE- THYROID FUNCTION
 Requested: 20/03/2023 Collected: 27/03/2023 Reported: 27/03/2023
 13:19

Clinical notes: Hypothyroidism.

Clinical Notes : Hypothyroidism.

TFT

Date			Latest Results		Reference	Units
	14-Feb-20	07-Aug-20	18-Jun-22	27-Mar-23		
Time F-Fast	0932	0753 F	0904 F	0915 F		
Lab Id.	485624139	486440757	488537710	489102273		
TSH	1.9	3.1			(0.40-3.50)	mIU/L
TSH			4.2 H	3.2	(0.40-4.00)	mIU/L
Free T4	17.4	15.1			(11.0-24.0)	pmol/L
Free T4			9.4	10.3	(9.0-19.0)	pmol/L
Free T3	5.0	5.3			(3.1-6.8)	pmol/L
Free T3			4.5	3.9	(2.6-6.0)	pmol/L
Microsomal.Ab	9				(0-35)	IU/mL
Thyroglobulin Ab	10				(0-115)	IU/mL

Comments on Collection 27-Mar-23 0915 F:
 TF3
 Euthyroid levels.

As of 19.07.2021, TFT measurement changed from the Roche to the Abbott Alinity method.

Supervising Pathologist:SM

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Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,
 GLUCOSE, Lipids & HDL, FERRITIN, TFT FT4, TF FT4 FT3,
 FREE T4, FULL BLOOD COUNT

Tests Pending :
 Sample Pending :

SWEENEY, VIVIENNE
 18 OCEAN STREET, MOUNT SAINT THOMAS. 2500
 Phone: 61417787513
 Birthdate: 02/11/1972 Sex: F Medicare Number: 2890929891
 Your Reference: 88368 Lab Reference: 489102273-H-ED- HAEMO
 Laboratory: Southern IML Pathology
 Addressee: DR SARAVANAN ROYAN Referred by: DR SARAVANAN ROYAN

Name of Test: ED- Haematology
 Requested: 20/03/2023 Collected: 27/03/2023 Reported: 27/03/2023
 13:19

Clinical notes: Hypothyroidism.

Clinical Notes : Hypothyroidism.

Haematology

Date	Latest Results				Reference	Units
	29-Jan-20	07-Aug-20	18-Jun-22	27-Mar-23		
Time F-Fast	0937	0753 F	0904 F	0915 F		
Lab Id.	485623981	486440757	488537710	489102273		
Haemoglobin	130	132	128	124	(119-160)	g/L
RCC	4.3	4.5	4.2	4.1	(3.8-5.8)	10 ¹² /L
Haematocrit	0.40	0.40	0.38	0.38	(0.35-0.48)	
MCV	92	90	91	93	(80-100)	fL
MCH	30	30	30	30	(27-32)	pg
MCHC	329	328	334	325	(310-360)	g/L
RDW	13	13	13	13	(10-15)	
WCC	4.6	5.2	3.6 L	5.3	(4.0-11.0)	10 ⁹ /L
Neutrophils	2.9	3.0	2.0	3.3	(2.0-7.5)	10 ⁹ /L
Lymphocytes	1.4	1.4	1.2	1.6	(1.0-4.0)	10 ⁹ /L
Monocytes	0.3	0.4	0.3	0.4	(0-1.0)	10 ⁹ /L
Eosinophils	<0.1	0.4	<0.1	<0.1	(0-0.5)	10 ⁹ /L
Basophils	<0.1	<0.1	<0.1	<0.1	(0-0.3)	10 ⁹ /L
Platelets	177	180	192	205	(150-450)	10 ⁹ /L

Supervising Pathologist:SA/RR

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Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,
 GLUCOSE, Lipids & HDL, FERRITIN, TFT FT4, TF FT4 FT3,
 FREE T4, FULL BLOOD COUNT

Tests Pending :
 Sample Pending :