

Investigations:

ROBINSON, ELIZABETH
1/118 BARWAN ST, NARRABRI, NSW. 2390
Birthdate: 19/03/1964 Sex: F Medicare Number: 2490057925
Your Reference: Lab Reference: 6367962
Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
Name of Test: Iron Studies
Requested: 14/11/2023 Collected: 21/11/2023 Reported: 21/11/2023 21:49
Requested tests: IRN, FER
Laboratory: SYDPATH

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	21/11/23			
Time:	08:15			
Request No.:	6367962		Units	

Iron Studies

Ferritin serum	24 L	ug/L	30-300
Iron serum	15	umol/L	10-30
Transferrin	2.1	g/L	2.0-3.5
Transferrin satn	28	%	15-50

Tests Pending: Vit B12

ROBINSON, ELIZABETH
1/118 BARWAN ST, NARRABRI, NSW. 2390
Birthdate: 19/03/1964 Sex: F Medicare Number: 2490057925
Your Reference: Lab Reference: 6367962
Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
Name of Test: Haematology
Requested: 14/11/2023 Collected: 21/11/2023 Reported: 21/11/2023 08:48
Requested tests: FBC
Laboratory: SYDPATH

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	21/11/23			
Time:	08:15			
Request No.:	6367962		Units	

Full Blood Count

White Cell Count	7.2	10 ⁹ /L	4.0-11.0
Red Cell Count	4.2	10 ¹² /L	3.8-5.8
Haemoglobin	132	g/L	115-165
Haematocrit	0.40		0.37-0.47
MCV	94	fL	76-96
MCH	31.5	pg	27.0-32.0
MCHC	334	g/L	320-360
RDW	12.5	%	11.5-14.5
Platelet Count	299	10 ⁹ /L	150-400
.	.		
Neutrophils	5.2	10 ⁹ /L	2.0-7.5
Lymphocytes	1.2 L	10 ⁹ /L	1.5-4.0
Monocytes	0.6	10 ⁹ /L	0.2-1.0
Eosinophils	0.1	10 ⁹ /L	0.0-0.4
Basophils	0.0	10 ⁹ /L	0.0-0.1

Tests Pending: Glucose Fasting, HDL, TFT, UEC, LFT, Vit B12, Iron Studies, Ferritin, CRP

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1/118 BARWAN ST, NARRABRI, NSW. 2390

Birthdate: 19/03/1964 Sex: F Medicare Number: 2490057925
 Your Reference: Lab Reference: 6367962
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: Routine Chemistry
 Requested: 14/11/2023 Collected: 21/11/2023 Reported: 21/11/2023 09:18
 Requested tests: UEC,BLF,GLF
 Laboratory: SYDPATH

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	21/11/23			
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Request No.:	6367962		Units	

Electrolytes (serum/plasma)

Sodium	142	mmol/L	135-145
Potassium	4.3	mmol/L	3.5-5.2
Chloride	104	mmol/L	95-110
Bicarbonate	30	mmol/L	22-32
Urea	7.7	mmol/L	3.5-8.0
Creatinine	82	umol/L	45-90
eGFR	68	mL/mn/1.73m2	>60
eGFR comment	gfrmild		

Comments: (21/11/2023 08:15 Episode No. 6367962)

gfrmild: eGFR 60 - 90 mL/min/1.73m2 is likely to be normal for elderly patients. Note change to CKD-EPI equation. See www.syddpath.stvincents.com.au/eGFR.htm

Liver Function Tests (serum/plasma)

Total protein	64	g/L	60-80
Albumin	37	g/L	33-48
Bilirubin total	6	umol/L	0-20
Alkaline phosphat	94	U/L	30-110
ALT	16	U/L	0-35
AST	24	U/L	0-30
GGT	12	U/L	0-35
LDH	173	U/L	0-430

Glucose Testing

Glucose (fasting)	5.7 H	mmol/L	3.0-5.5
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Tests Pending: TFT,Vit B12,Iron Studies,Ferritin

ROBINSON, ELIZABETH
 1/118 BARWAN ST, NARRABRI,NSW. 2390
 Birthdate: 19/03/1964 Sex: F Medicare Number: 2490057925
 Your Reference: Lab Reference: 6367962
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: Lipid Studies
 Requested: 14/11/2023 Collected: 21/11/2023 Reported: 21/11/2023 09:18
 Requested tests: HDL
 Laboratory: SYDPATH

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	21/11/23			
Time:	08:15			
Request No.:	6367962		Units	

Lipid Studies

Fasting status	Fasting		
Cholesterol	4.6	mmol/L	0.0-6.0
Triglyceride	1.6	mmol/L	0.0-2.0
HDL Cholesterol	1.3	mmol/L	>1.0
LDL Cholesterol	2.6	mmol/L	0.0-4.0
Non-HDL Chol.	3.3	mmol/L	0.0-4.0
Chol:HDL ratio	3.5		
Lipids comment	liprng		

Comments: (21/11/2023 08:15 Episode No. 6367962)

liprng: Lipid targets for patients at high risk of cardiovascular disease:
 Total Cholesterol <4.0 mmol/L HDL Cholesterol >1.0 mmol/L
 Non-HDL Cholesterol <2.5 mmol/L Triglycerides <2.0 mmol/L
 LDL Cholesterol <2.0 mmol/L, <1.8 mmol/L for secondary prevention.
 (Lipid target ranges from Australian Heart Foundation)

For cardiovascular risk prediction including lipid see www.cvdcheck.org.au.
 Reference limits for lipids are provided for general advice only and identify approximately 15% of the adult population.

Tests Pending: TFT,Vit B12,Iron Studies,Ferritin

ROBINSON, ELIZABETH
 1/118 BARWAN ST, NARRABRI,NSW.2390
 Birthdate: 19/03/1964 Sex: F Medicare Number: 2490057925
 Your Reference: Lab Reference: 6367962
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: CRP
 Requested: 14/11/2023 Collected: 21/11/2023 Reported: 21/11/2023 09:18
 Requested tests: CRP
 Laboratory: SYDPATH

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	21/11/23			
Time:	08:15			
Request No.:	6367962		Units	

Acute Phase Reactants (serum/plasma)

C-Reactive protei	4.3	mg/L	<5.0
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Tests Pending: TFT,Vit B12,Iron Studies,Ferritin

ROBINSON, ELIZABETH
 1/118 BARWAN ST, NARRABRI,NSW.2390
 Birthdate: 19/03/1964 Sex: F Medicare Number: 2490057925
 Your Reference: Lab Reference: 6367962
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: B12 and Folate
 Requested: 14/11/2023 Collected: 21/11/2023 Reported: 21/11/2023 22:15
 Requested tests: B12,AB
 Laboratory: SYDPATH

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	21/11/23			
Time:	08:15			
Request No.:	6367962		Units	

B12 and Folate

Vitamin B12 serum	146	pmol/L	>140
Active B12	85	pmol/L	>35
Active B12 Commen	INDETB12		

Comments: (21/11/2023 08:15 Episode No. 6367962)

INDETB12: VITAMIN B12. Total B12 result is indeterminate however Active B12 (Holotranscobalamin) greater than 35 pmol/L makes significant deficiency of vitamin B12 unlikely.

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 Birthdate: 19/03/1964 Sex: F Medicare Number: 2490057925
 Your Reference: Lab Reference: 6367962
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: Thyroid Function Tests
 Requested: 14/11/2023 Collected: 21/11/2023 Reported: 21/11/2023 22:14
 Requested tests: TFT
 Laboratory: SYDPATH

	Current Result	Previous results for comparison only	
Date:	21/11/23		Reference
Time:	08:15		(for this
Request No.:	6367962	Units	collection)

Thyroid Testing (serum/plasma)			
TSH	1.92	mIU/L	0.40-4.80
Free T4	7.2 L	pmol/L	8.0-16.0
TFT com.	TFTCOM1		

Comments: (21/11/2023 08:15 Episode No. 6367962)
 TFTCOM1: THYROID FUNCTION TESTS: TSH, free T4 and free T3 measured using Beckman-Coulter method (Dr Graham Jones).

Tests Pending: Vit B12

ROBINSON, ELIZABETH
 1 118 BARWAN ST, NARRABRI. 2390
 Birthdate: 19/03/1964 Sex: F Medicare Number: 2490057926
 Your Reference: 00014511 Lab Reference: 24-25952275-TAA-0
 Laboratory: Lavery Pathology
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: THYROID AUTOANTIBODIES (TAA-0)
 Requested: 27/02/2024 Collected: 27/02/2024 Reported: 27/02/2024 22:15
 Clinical notes: Rx carbimazole last taken @09:30am,check up.
 Clinical Notes : Rx carbimazole last taken @09:30am,check up.

THYROID AUTOANTIBODIES

Specimen Type: Serum

Anti-Thyroglobulin Abs (aTGII)	< 1.3	IU/mL	(< 4.5)
Anti-Thyroidal Peroxidase Abs	41	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.

Please note that as of 08/09/2021, Lavery Pathology changed to a reformulated Atellica anti-thyroglobulin antibody (aTGII) assay. The reference interval has been updated. Differences in individual patient results may be observed compared to the previous method. If further information is required please contact a Chemical Pathologist on 9005 7000.

Requested Tests : TFT, TAA, TSI*

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1 118 BARWAN ST, NARRABRI. 2390
Birthdate: 19/03/1964 **Sex:** F **Medicare Number:** 2490057926
Your Reference: 00014511 **Lab Reference:** 24-25952275-TFT-0
Laboratory: Lavery Pathology
Addressee: DR NAVIN ERATHNAGE **Referred by:** DR NAVIN ERATHNAGE

Name of Test: THYROID FUNCTION TEST (TFT-0)
Requested: 27/02/2024 **Collected:** 27/02/2024 **Reported:** 27/02/2024 22:15

Clinical notes: Rx carbimazole last taken @09:30am,check up.

Clinical Notes : Rx carbimazole last taken @09:30am,check up.

THYROID PROFILE

Request Number	11099473	11295066	11799858	25952275
Date Collected	25 May 21	19 Oct 21	21 Jan 22	27 Feb 24
Time Collected	00:00	11:02	11:22	10:20
Specimen Type:	Serum			
TSH (0.5-4.0)	mIU/L	0.53	1.4	1.6
FT4 (10-20)	pmol/L	12		12

Result(s) consistent with euthyroidism.

Requested Tests : TFT, TAA, TSI*

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1 118 BARWAN ST, NARRABRI. 2390
Birthdate: 19/03/1964 **Sex:** F **Medicare Number:** 2490057926
Your Reference: 00014511 **Lab Reference:** 24-25952275-TSI-0
Laboratory: Lavery Pathology
Addressee: DR NAVIN ERATHNAGE **Referred by:** DR NAVIN ERATHNAGE

Name of Test: THYROID STIMULATING IMM. (TSI-0)
Requested: 27/02/2024 **Collected:** 27/02/2024 **Reported:** 28/02/2024 00:44

Clinical notes: Rx carbimazole last taken @09:30am,check up.

Clinical Notes : Rx carbimazole last taken @09:30am,check up.

THYROID STIMULATING IMMUNOGLOBULIN (TSI)

Thyroid Stimulating Immunoglobulin < 0.1 IU/L (< 0.55)

The cutoff >0.55 IU/L signify there is a high risk of active Graves disease
For healthy individuals, level should be <0.1 IU/L.

Thyroid Stimulating Immunoglobulin is useful in the following settings:

- Aiding clinical evaluation in the confirmation or exclusion of Graves' disease
- Differentiating Graves' disease from disseminated autonomy of the thyroid gland
- Prognosis / decision-making when monitoring the course of Graves' disease
- In pregnancy to assess the risk of onset of hyperthyroidism in the fetus

Requested Tests : TFT, TAA, TSI