

Investigations:

MACKENZIE, NATASHA
18 BENNET CLOSE, NARRABRI, NSW. 2390
Birthdate: 14/05/1984 Sex: F Medicare Number: 2593893491
Your Reference: Lab Reference: 6368582
Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
Name of Test: Endocrinology
Requested: 24/11/2023 Collected: 30/11/2023 Reported: 30/11/2023 23:14
Requested tests: COR
Laboratory: SYDPATH

	Current Result	Previous results for comparison only	Reference (for this collection)
Date:	30/11/23		
Time:	08:55		
Request No.:	6368582	Units	

Endocrinology

Cortisol	491	nmol/L	150-520
Cortisol comment	corrng		

Comments: (30/11/2023 08:55 Episode No. 6368582)

corrng: SERUM CORTISOL: Serum cortisol reference interval is for samples taken between 8 and 10am. Lower results are expected later in the day.
(Dr Graham Jones).

Tests Pending: Active B12 (HTC)

MACKENZIE, NATASHA
18 BENNET CLOSE, NARRABRI, NSW. 2390
Birthdate: 14/05/1984 Sex: F Medicare Number: 2593893491
Your Reference: Lab Reference: 6368582
Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
Name of Test: Thyroid Function Tests
Requested: 24/11/2023 Collected: 30/11/2023 Reported: 30/11/2023 23:14
Requested tests: TFT
Laboratory: SYDPATH

	Current Result	Previous results for comparison only	Reference (for this collection)
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Thyroid Testing (serum/plasma)

TSH	1.68	mIU/L	0.40-4.80
Free T4	9.1	pmol/L	8.0-16.0
TFT com.	TFTCOM1		

Comments: (30/11/2023 08:55 Episode No. 6368582)

TFTCOM1: THYROID FUNCTION TESTS: TSH, free T4 and free T3 measured using Beckman-Coulter method (Dr Graham Jones).

Tests Pending: Active B12 (HTC)

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Birthdate: 14/05/1984 Sex: F Medicare Number: 2593893491
Your Reference: Lab Reference: 6368582
Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE

Name of Test: Iron Studies
 Requested: 24/11/2023 Collected: 30/11/2023 Reported: 30/11/2023 23:13
 Requested tests: IRN, FER
 Laboratory: SYDPATH

	Current Result	Previous results for comparison only		Reference (for this collection)
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Iron Studies

Ferritin serum	22	ug/L	15-150
Iron serum	21	umol/L	10-30
Transferrin	3.3	g/L	2.0-3.5
Transferrin satn	25	%	15-50

Tests Pending: Active B12 (HTC)

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 Birthdate: 14/05/1984 Sex: F Medicare Number: 2593893491
 Your Reference: Lab Reference: 6368582
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: B12 and Folate
 Requested: 24/11/2023 Collected: 30/11/2023 Reported: 30/11/2023 23:14
 Requested tests: B12, AB
 Laboratory: SYDPATH

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B12 and Folate

Vitamin B12 serum	183	pmol/L	>140
Active B12	103	pmol/L	>35
Active B12 Commen	INDETB12		

Comments: (30/11/2023 08:55 Episode No. 6368582)

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: 14/05/1984 Sex: F Medicare Number: 2593893491
 Your Reference: Lab Reference: 6368582
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: Routine Chemistry
 Requested: 24/11/2023 Collected: 30/11/2023 Reported: 30/11/2023 10:16
 Requested tests: UEC, BLF, GLF
 Laboratory: SYDPATH

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Electrolytes (serum/plasma)

Sodium	139	mmol/L	135-145
Potassium	4.1	mmol/L	3.5-5.2

Chloride	106	mmol/L	95-110
Bicarbonate	23	mmol/L	22-32
Urea	5.2	mmol/L	3.0-7.0
Creatinine	67	umol/L	45-90
eGFR	>90	mL/mn/1.73m ²	>60

Liver Function Tests (serum/plasma)

Total protein	68	g/L	60-80
Albumin	38	g/L	33-48
Bilirubin total	8	umol/L	0-20
Alkaline phosphat	60	U/L	30-110
ALT	13	U/L	0-35
AST	20	U/L	0-30
GGT	12	U/L	0-35
LDH	104	U/L	0-430

Glucose Testing

Glucose (fasting)	5.1	mmol/L	3.0-5.5
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Tests Pending: Cortisol,TFT,Vit B12,Iron Studies,Ferritin

MACKENZIE, NATASHA

18 BENNET CLOSE, NARRABRI,NSW.2390

Birthdate: 14/05/1984 Sex: F Medicare Number: 2593893491

Your Reference: Lab Reference: 6368582

Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE

Name of Test: Lipid Studies

Requested: 24/11/2023 Collected: 30/11/2023 Reported: 30/11/2023 10:16

Requested tests: HDL

Laboratory: SYDPATH

	Current Result	Previous results for comparison only	Reference (for this collection)
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Lipid Studies

Fasting status	Fasting		
Cholesterol	4.5	mmol/L	0.0-6.0
Triglyceride	1.3	mmol/L	0.0-2.0
HDL Cholesterol	2.1	mmol/L	>1.0
LDL Cholesterol	1.8	mmol/L	0.0-4.0
Non-HDL Chol.	2.4	mmol/L	0.0-4.0
Chol:HDL ratio	2.1		
Lipids comment	liprng		

Comments: (30/11/2023 08:55 Episode No. 6368582)

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: Cortisol,TFT,Vit B12,Iron Studies,Ferritin

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Birthdate: 14/05/1984 Sex: F Medicare Number: 2593893491

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Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE

Name of Test: CRP

Requested: 24/11/2023 Collected: 30/11/2023 Reported: 30/11/2023 10:16

Requested tests: CRP
Laboratory: SYDPATH

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Acute Phase Reactants (serum/plasma)

C-Reactive protein	2.4	mg/L	<5.0
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Tests Pending: Cortisol,TFT,Vit B12,Iron Studies,Ferritin

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Birthdate: 14/05/1984 Sex: F Medicare Number: 2593893491
Your Reference: Lab Reference: 6368582
Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
Name of Test: Haematology
Requested: 24/11/2023 Collected: 30/11/2023 Reported: 30/11/2023 09:39
Requested tests: FBC
Laboratory: SYDPATH

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Full Blood Count

White Cell Count	7.4	10 ⁹ /L	4.0-11.0
Red Cell Count	4.2	10 ¹² /L	3.8-5.8
Haemoglobin	128	g/L	115-165
Haematocrit	0.37		0.37-0.47
MCV	88	fL	76-96
MCH	30.6	pg	27.0-32.0
MCHC	348	g/L	320-360
RDW	13.3	%	11.5-14.5
Platelet Count	377	10 ⁹ /L	150-400
.	.		
Neutrophils	4.3	10 ⁹ /L	2.0-7.5
Lymphocytes	2.5	10 ⁹ /L	1.5-4.0
Monocytes	0.4	10 ⁹ /L	0.2-1.0
Eosinophils	0.2	10 ⁹ /L	0.0-0.4
Basophils	0.0	10 ⁹ /L	0.0-0.1

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