

Investigations:

NIELD, TRACY
24 KOGIL STREET, NARRABRI, NCSRNSW TC2.
Birthdate: 14/10/1992 Sex: F Medicare Number: 2760277522
Your Reference: Lab Reference: 6361988
Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
Name of Test: Routine Chemistry
Requested: 07/08/2023 Collected: 17/08/2023 Reported: 17/08/2023 23:22
Requested tests: UEC, BLF, GLF
Laboratory: SYDPATH

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	17/08/23	09/04/23 21/09/22		
Time:	09:05	18:29 08:37		
Request No.:	6361988	6354064 6331538	Units	

Electrolytes (serum/plasma)

Sodium	139	142	145	mmol/L	135-145
Potassium	4.0	4.1	4.6	mmol/L	3.5-5.2
Chloride	104	105	104	mmol/L	95-110
Bicarbonate	25	25	28	mmol/L	22-32
Urea	6.5	3.2	7.2 H	mmol/L	3.0-7.0
Creatinine	64	63	56	umol/L	45-90
eGFR	>90	>90	>90	mL/mn/1.73m2	>60

Liver Function Tests (serum/plasma)

Total protein	76	81 H	81 H	g/L	60-80
Albumin	42	47	45	g/L	33-48
Bilirubin total	7	3	6	umol/L	0-20
Alkaline phosphat	67	84	49	U/L	30-110
ALT	23	22	29	U/L	0-35
AST	17	19	18	U/L	0-30
GGT	17	16	19	U/L	0-35
LDH	215	182	162	U/L	0-430

Glucose Testing

Glucose (random)		6.6		mmol/L	3.0-7.8
Glucose (fasting)	4.7			mmol/L	3.0-5.5

Tests Pending: Active B12 (HTC)

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Birthdate: 14/10/1992 Sex: F Medicare Number: 2760277522
Your Reference: Lab Reference: 6361988
Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
Name of Test: Haematology
Requested: 07/08/2023 Collected: 17/08/2023 Reported: 17/08/2023 11:03
Requested tests: FBC
Laboratory: SYDPATH

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	17/08/23	09/04/23 21/09/22		
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Request No.:	6361988	6354064 6331538	Units	

Full Blood Count

White Cell Count	5.2	8.6	5.9	10 ⁹ /L	4.0-11.0
Red Cell Count	4.7	5.0	4.9	10 ¹² /L	3.8-5.8
Haemoglobin	138	147	142	g/L	115-165
Haematocrit	0.41	0.44	0.43		0.37-0.47
MCV	86	88	87	fL	76-96
MCH	29.1	29.6	28.8	pg	27.0-32.0
MCHC	339	338	330	g/L	320-360

RDW	12.7	12.2	13.1	%	11.5-14.5
Platelet Count	278	257	316	10 ⁹ /L	150-400
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Neutrophils	2.5	6.5	3.3	10 ⁹ /L	2.0-7.5
Lymphocytes	1.9	1.1 L	1.7	10 ⁹ /L	1.5-4.0
Monocytes	0.4	0.7	0.5	10 ⁹ /L	0.2-1.0
Eosinophils	0.3	0.3	0.4	10 ⁹ /L	0.0-0.4
Basophils	0.0	0.0	0.0	10 ⁹ /L	0.0-0.1

Tests Pending: E2,FSH,Testosterone Free,Glucose Fasting,HLH,Prolactin,TFT,UEC,LFT,Vit B12,Iron Studies,Ferritin,CRP

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 Birthdate: 14/10/1992 Sex: F Medicare Number: 2760277522
 Your Reference: Lab Reference: 6361988
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: CRP
 Requested: 07/08/2023 Collected: 17/08/2023 Reported: 17/08/2023 23:22
 Requested tests: CRP
 Laboratory: SYDPATH

	Current Result	Previous results for comparison only			Reference
Date:	17/08/23	09/04/23	21/09/22		(for this
Time:	09:05	18:29	08:37		collection)
Request No.:	6361988	6354064	6331538	Units	

Acute Phase Reactants (serum/plasma)

C-Reactive protei	2.2	34.2 H	mg/L	<5.0
CRP		<5.0	mg/L	
CRP Comment		CRPBCOM		

Tests Pending: E2,FSH,Testosterone Free,HLH,Prolactin,TFT,LFT,Vit B12,Ferritin

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 Birthdate: 14/10/1992 Sex: F Medicare Number: 2760277522
 Your Reference: Lab Reference: 6361988
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: Thyroid Function Tests
 Requested: 07/08/2023 Collected: 17/08/2023 Reported: 17/08/2023 23:47
 Requested tests: TFT
 Laboratory: SYDPATH

	Current Result	Previous results for comparison only			Reference
Date:	17/08/23	21/09/22			(for this
Time:	09:05	08:37			collection)
Request No.:	6361988	6331538		Units	

Thyroid Testing (serum/plasma)

TSH	2.79	3.85	mIU/L	0.40-4.80
Free T4	10.3	10.8	pmol/L	8.0-16.0
TFT com.	TFTCOM1	TFTCOM1		

Comments: (17/08/2023 09:05 Episode No. 6361988)

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

Tests Pending: E2,FSH,HLH,LFT,Active B12 (HTC)

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 Birthdate: 14/10/1992 Sex: F Medicare Number: 2760277522
 Your Reference: Lab Reference: 6361988
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: Iron Studies
 Requested: 07/08/2023 Collected: 17/08/2023 Reported: 17/08/2023 23:22
 Requested tests: IRN, FER
 Laboratory: SYDPATH

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Iron Studies

Ferritin serum	46	33	ug/L	15-150
Iron serum	22	16	umol/L	10-30
Transferrin	3.0	3.4	g/L	2.0-3.5
Transferrin satn	29	19	%	15-50

Tests Pending: E2, FSH, HLH, LFT, Active B12 (HTC)

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 Birthdate: 14/10/1992 Sex: F Medicare Number: 2760277522
 Your Reference: Lab Reference: 6361988
 Addressee: DR NAVIN ERATHNAGE Referred by: DR NAVIN ERATHNAGE
 Name of Test: Endocrinology
 Requested: 07/08/2023 Collected: 17/08/2023 Reported: 17/08/2023 23:52
 Requested tests: LH, FSH, PRL, E2, FTE
 Laboratory: SYDPATH

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Date:	17/08/23			
Time:	09:05			
Request No.:	6361988		Units	

Endocrinology

LH	7.7		IU/L	
FSH	8.3		IU/L	
Oestradiol	61		pmol/L	
Testosterone	<0.5		nmol/L	0.0-2.0
SHBG	25		nmol/L	15-130
Albumin	41		g/L	33-48
Free Testosterone	<6		pmol/L	0-30
Prolactin	180		mIU/L	50-500
LH comment	lhrfn1			
FSH comment	fshfbc1			
Oestradiol commen	e2rfbc			
FTE comment	TESTOLOW			

Comments: (17/08/2023 09:05 Episode No. 6361988)

lhrfn1: LH Reference Interval - Female (serum/plasma):
 Follicular phase: 2.0 - 12.0 IU/L
 Midcycle phase: 15.0 - 100 IU/L
 Mid-Luteal phase: 1.0 - 13.0 IU/L
 Postmenopausal: 11.0 - 60.0 IU/L

(Beckman-Coulter analyser; introduced 2nd Sept 2018)

fshfbc1: FSH Reference Interval (serum/plasma):
 Pre-pubertal: 0 - 7.0 IU/L
 Follicular phase: 4.0 - 9.0 IU/L
 Midcycle phase: 4.0 - 23.0 IU/L
 Mid-Luteal phase: 1.5 - 5.0 IU/L
 Postmenopausal: 17 - 115 IU/L

(Beckman-Coulter method, introduced 2nd Sept 2018)

e2rfbc: E2 Reference Intervals (serum/plasma):

Follicular phase: 50 - 420 pmol/L

Midcycle phase: 120 - 2000 pmol/L

Luteal phase: 130 - 1000 pmol/L

Postmenopausal: 0 - 100 pmol/L

(Beckman-Coulter method, introduced 2nd Sept 2018)

TESTLOW: Calculated Free Testosterone (cFT): Testosterone below assay measurable range. cFT calculation therefore includes extra uncertainty. Testo below 0.3 nmol/L is moderately common. In 200 cases to date no cFT with total testo <3 has had a cFT > 5 pmol/L. Using 6 pmol/L allows for lower SHBG or albumin than previously received. The uncertainty allowed does not cross any reference interval thresholds.

Tests Pending: LFT,Active B12 (HTC)