

32yr Female

Gender: F
IHI No.:
Provider:
Referred by:

Date Requested: 14/12/2023
Date Collected: 14/12/2023
Specimen:
Subject(Test Name): ENDOCRINOLOGY
Clinical Information:

Date Performed: 14/12/2023
Complete: Final

CD 4

	Current Result	Previous results for comparison only					Reference (for this collection)
Date:	14/12/23	18/06/21	24/02/21	09/10/20			
Time:	08:08	08:30	08:55	10:40			
Request No.:	5510280	5352199	5342645	5333869	Units		

Endocrinology

LH	6.6		12.7		IU/L	
FSH	10.6		11.0		IU/L	
Oestradiol	104		165	154	pmol/L	
Progesterone	1.0			5.0	nmol/L	
Testosterone	1.6	1.7			nmol/L	0.0-2.0
SHBG	66	84			nmol/L	15-130
Albumin		40			g/L	
Free Androgen Ind		2.0				
Free Testosterone		16			pmol/L	
Cortisol			298		nmol/L	
25 OH Vitamin D			65		nmol/L	
Insulin		2.0			mU/L	
Prolactin	146				mIU/L	50-500
Homocysteine			7.7		umol/L	
LH comment	lhrfnl		lhrfnl			
FSH comment	fshfbc1		fshfbc1			
Oestradiol commen	e2rfbc		e2rfbc	e2rfbc		
Progesterone comm	pgsfbc			pgsfbc		
Cortisol comment			corrng			
Vitamin D comment			25DCOM			

Comments: (14/12/2023 08:08 Episode No. 5510280)

lhrfnl: 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

Gender: F
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023
Date Collected: 3/01/2024

Date Performed: 3/01/2024
Complete: Final

Specimen:
Subject(Test Name): HAEMATOLOGY
Clinical Information:

	Current Result	Previous results for comparison only					Reference (for this collection)
Date:	03/01/24	09/11/23	06/09/22	06/05/22			
Time:	07:35	07:50	13:15	12:25			
Request No.:	5511043	5508046	5419822	5411968	Units		

Full Blood Count

White Cell Count	4.6	3.7 L	5.3	5.5	10 ⁹ /L	4.0-11.0
Red Cell Count	4.5	4.6	4.3	4.4	10 ¹² /L	3.8-5.8
Haemoglobin	131	137	129	128	g/L	115-165
Haematocrit	0.40	0.41	0.39	0.39		0.37-0.47
MCV	89	90	89	89	fL	76-96
MCH	29.1	29.8	29.7	29.1	pg	27.0-32.0
MCHC	326	332	334	326	g/L	320-360
RDW	13.2	13.5	13.0	13.1	%	11.5-14.5
Platelet Count	232	267	264	292	10 ⁹ /L	150-400
Neutrophils	2.4	1.7 L	2.7	3.0	10 ⁹ /L	2.0-7.5
Lymphocytes	1.5	1.4 L	2.0	1.8	10 ⁹ /L	1.5-4.0
Monocytes	0.6	0.5	0.6	0.7	10 ⁹ /L	0.2-1.0
Eosinophils	0.0	0.0	0.1	0.0	10 ⁹ /L	0.0-0.4
Basophils	0.0	0.0	0.0	0.1	10 ⁹ /L	0.0-0.1
FBC Comment		Comments				

Tests Pending: 25VitD,CK,FT3,HbA1c,HDL,TFT,UEC,LFT,B12 and Fol,Iron Studies,Ferritin

Gender: F
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023
Date Collected: 3/01/2024
Specimen:
Subject(Test Name): ROUTINE CHEMISTRY
Clinical Information:

Date Performed: 3/01/2024
Complete: Final

	Current Result	Previous results for comparison only				Reference (for this collection)
Date:	03/01/24	09/11/23	06/09/22	06/05/22		
Time:	07:35	07:50	13:15	12:25		
Request No.:	5511043	5508046	5419822	5411968	Units	

Electrolytes (serum/plasma)

Sodium	142	138	142	138	mmol/L	135-145
Potassium	4.3	4.2	3.9	4.1	mmol/L	3.5-5.2
Chloride	106	99	103	103	mmol/L	95-110
Bicarbonate	26	31	31	29	mmol/L	22-32
Urea	7.5 H	7.0	6.9	4.4	mmol/L	3.0-7.0
Creatinine	85	90	85	79	umol/L	45-90
eGFR	78	73	79	86	mL/min/1.73m2	>60
eGFR comment	gfr mild	gfr mild	gfr mild	gfr mild		

Comments: (03/01/2024 07:35 Episode No. 5511043)

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

Liver Function Tests (serum/plasma)

Total protein	69	73	70	70	g/L	60-80
Albumin	41	42	40	42	g/L	33-48
Bilirubin total	6	7	11	12	umol/L	0-20
Alkaline phosphat	38	37	30	30	U/L	30-110
ALT	24	24	17	13	U/L	0-35
AST	20	23	22	23	U/L	0-30
GGT	17	21	20	14	U/L	0-35
LDH	176	162	171	194	U/L	0-430

Cardiac and Muscle Markers (serum/plasma)

Total CK	111				U/L	20-150
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Tests Pending: 25VitD, FT3, HbA1c, TFT, B12 and Fol, Iron Studies, Ferritin

Gender: F
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023
Date Collected: 3/01/2024
Specimen:
Subject(Test Name): LIPID STUDIES
Clinical Information:

Date Performed: 3/01/2024
Complete: Final

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	03/01/24	23/03/17		
Time:	07:35	07:53		
Request No.:	5511043	5240940	Units	

Lipid Studies

	Fasting			
Fasting status				
Cholesterol	5.9	5.2	mmol/L	0.0-6.0
Triglyceride	0.6	0.8	mmol/L	0.0-2.0
HDL Cholesterol	1.4	1.4	mmol/L	>1.0
LDL Cholesterol	4.2 H	3.4	mmol/L	0.0-4.0
Non-HDL Chol.	4.5 H		mmol/L	0.0-4.0
Chol:HDL ratio	4.2			
Lipids comment	liprng	liprng		

Comments: (03/01/2024 07:35 Episode No. 5511043)

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: 25VitD, FT3, HbA1c, TFT, B12 and Fol, Iron Studies, Ferritin

Gender: F
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023
Date Collected: 3/01/2024
Specimen:
Subject(Test Name): THYROID FUNCTION TESTS
Clinical Information:

Date Performed: 3/01/2024
Complete: Final

	Current Result	Previous results for comparison only					Reference (for this collection)
Date:	03/01/24	09/11/23	24/02/21	09/10/20			
Time:	07:35	07:50	08:55	10:40			
Request No.:	5511043	5508046	5342645	5333869	Units		

Thyroid Testing (serum/plasma)

TSH	1.39	1.28	1.16	1.12	mIU/L	0.40-4.80
Free T4	10.0		12.6		pmol/L	8.0-16.0
Free T3	4.7		4.2		pmol/L	4.0-6.0
TFT com.	TFTCOM1	TFTCOM1	TFTCOM1	TFTCOM1		

Comments: (03/01/2024 07:35 Episode No. 5511043)

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

Tests Pending: 25VitD,HbA1c,B12 and Fol,Ferritin



Gender: F
IHI No.:
Provider:
Referred by:



Date Requested: 7/12/2023
Date Collected: 3/01/2024

Date Performed: 3/01/2024
Complete: Final

Specimen:
Subject(Test Name): IRON STUDIES
Clinical Information:


	Current Result	Previous results for comparison only					Reference (for this collection)
Date:	03/01/24	06/09/22	06/05/22	07/01/22			
Time:	07:35	13:15	12:25	15:55			
Request No.:	5511043	5419822	5411968	5404227	Units		

Iron Studies

Ferritin serum	92	175 H	79	85	ug/L	15-150
Iron serum	15	18	22	7	L umol/L	10-30
Transferrin	2.3	2.2	2.4	2.2	g/L	2.0-3.5
Transferrin satn	26	33	37	13	L %	15-50

Tests Pending: 25VitD,HbA1c,B12 and Fol



Gender: F
IHI No.:
Provider: 
Referred by: 

Date Requested: 7/12/2023
Date Collected: 3/01/2024
Specimen:
Subject(Test Name): B12 AND FOLATE
Clinical Information:

Date Performed: 3/01/2024
Complete: Final

	Current Result	Previous results for comparison only					Reference (for this collection)
Date:	03/01/24	09/11/23	24/02/21	10/05/19			
Time:	07:35	07:50	08:55	08:20			
Request No.:	5511043	5508046	5342645	5298486	Units		

B12 and Folate							
Vitamin B12 serum	492	308	423	343	pmol/L	>140	
Total B12 Comment	HIGHB12	HIGHB12	HIGHB12	HIGHB12			
Folate serum	>50.0		>50.0	>50.0	nmol/L	>10.0	
BF comment				BFCOM			

Comments: (03/01/2024 07:35 Episode No. 5511043)

HIGHB12: VITAMIN B12. Total Vitamin B12 result greater than or equal to 200 pmol/L makes significant deficiency of vitamin B12 unlikely.

Tests Pending: 25VitD,HbA1c

Gender: F
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023
Date Collected: 3/01/2024
Specimen:
Subject(Test Name): ENDOCRINOLOGY
Clinical Information:

Date Performed: 3/01/2024
Complete: Final

	Current Result	Previous results for comparison only					Reference (for this collection)
Date:	03/01/24	14/12/23	18/06/21	24/02/21			
Time:	07:35	08:08	08:30	08:55			
Request No.:	5511043	5510280	5352199	5342645	Units		

Endocrinology

LH		6.6		12.7	IU/L	
FSH		10.6		11.0	IU/L	
Oestradiol		104		165	pmol/L	
Progesterone		1.0			nmol/L	
Testosterone		1.6	1.7		nmol/L	
SHBG		66	84		nmol/L	
Albumin			40		g/L	
Free Androgen Ind			2.0			
Free Testosterone			16		pmol/L	
Cortisol				298	nmol/L	
25 OH Vitamin D	73			65	nmol/L	50-150
Insulin			2.0		mU/L	
Prolactin		146			mIU/L	
Homocysteine				7.7	umol/L	
LH comment		lhrfn1		lhrfn1		
FSH comment		fshfbc1		fshfbc1		
Oestradiol commen		e2rfbc		e2rfbc		
Progesterone comm		pgsfbc				
Cortisol comment				corrng		
Vitamin D comment	25DCOM			25DCOM		

Comments: (03/01/2024 07:35 Episode No. 5511043)

25DCOM: Vitamin D clinical decision point for 25-hydroxy vitamin D:
(Med J Aust 2005;182:281-5)
Mild deficiency: 25 - 50 nmol/L
Moderate deficiency: 13 - 25 nmol/L
Severe deficiency: < 13 nmol/L

Tests Pending: HbA1c



Gender: F
IHI No.:
Provider:
Referred by:



Date Requested: 7/12/2023
Date Collected: 3/01/2024
Specimen:
Subject(Test Name): HBA1C
Clinical Information:

Date Performed: 3/01/2024
Complete: Final

	Current	Previous results for comparison only				
	Result					Reference
Date:	03/01/24	09/11/23	23/03/17	08/06/16		(for this
Time:	07:35	07:50	07:53	09:10		collection)
Request No.:	5511043	5508046	5240940	5215524	Units	

HbA1c						
HbA1c	5.1	4.9	5.2	5.2	%	0.0-5.9
HbA1c (mmol/mol)	33	30	33	33	mmol/mol	0-41
HbA1c comment	hbacom	hbacom	hbacom	hbacom		

Comments: (03/01/2024 07:35 Episode No. 5511043)

hbacom: HbA1c (IFCC): In keeping with Australian guidelines SydPath is now reporting HbA1c in conventional units (%) and restandardised units (mmol/mol). (MJA 2011; 195: 45-46)

32yr Male

Gender: M
IHI No.:
Provider:
Referred by:

Date Requested: 10/01/2024

Date Collected: 10/01/2024

Specimen:

Subject(Test Name): ENDOCRINOLOGY

Clinical Information:

Date Performed: 10/01/2024

Complete: Final

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	10/01/24	08/12/23		
Time:	09:00	08:43		
Request No.:	5511459	5509928	Units	

Endocrinology

LH		4.9	IU/L	
FSH		5.5	IU/L	
Testosterone		10.7	nmol/L	
SHBG		26	nmol/L	
Albumin		42	g/L	
Free Testosterone		244	pmol/L	
25 OH Vitamin D		115	nmol/L	
Prolactin	344 H	466 H	mIU/L	50-300
Vitamin D comment		25DCOM		

Gender: M
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023
Date Collected: 8/12/2023
Specimen:
Subject(Test Name): THYROID FUNCTION TESTS
Clinical Information:

Date Performed: 8/12/2023
Complete: Final

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	08/12/23	17/06/19		
Time:	08:43	13:35		
Request No.:	5509928	5300924	Units	

Thyroid Testing (serum/plasma)

TSH	2.22	1.71	mIU/L	0.40-4.80
Free T4	9.4		pmol/L	8.0-16.0
Free T3	4.7		pmol/L	4.0-6.0
TFT com.	TFTCOM1			

Comments: (08/12/2023 08:43 Episode No. 5509928)

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

Tests Pending: 25VitD,FSH,HbA1c,HLH,Prolactin,B12 and Fol,Ferritin

Gender: M
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023
Date Collected: 8/12/2023
Specimen:
Subject(Test Name): IRON STUDIES
Clinical Information:

Date Performed: 8/12/2023
Complete: Final

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	08/12/23	15/09/20		
Time:	08:43	12:30		
Request No.:	5509928	5332180	Units	

Iron Studies

Ferritin serum	87	100	ug/L	30-400
Iron serum	29	17	umol/L	10-30
Transferrin	2.1	2.1	g/L	2.0-3.5
Transferrin satn	55 H	32	%	15-50

Tests Pending: 25VitD,FSH,HbA1c,HLH,Prolactin,B12 and Fol

Gender: M
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023
Date Collected: 8/12/2023
Specimen:
Subject(Test Name): B12 AND FOLATE
Clinical Information:

Date Performed: 8/12/2023
Complete: Final

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	08/12/23			
Time:	08:43			
Request No.:	5509928		Units	

B12 and Folate

Vitamin B12 serum	331	pmol/L	>140
Total B12 Comment	HIGHB12		
Folate serum	>50.0	nmol/L	>10.0

Comments: (08/12/2023 08:43 Episode No. 5509928)

HIGHB12: VITAMIN B12. Total Vitamin B12 result greater than or equal to 200 pmol/L makes significant deficiency of vitamin B12 unlikely.

Tests Pending: 25VitD, FSH, HbA1c, HLH



Gender: M
IHI No.:
Provider:
Referred by:



Date Requested: 7/12/2023
Date Collected: 8/12/2023
Specimen:
Subject(Test Name): HBA1C
Clinical Information:

Date Performed: 8/12/2023
Complete: Final

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	08/12/23			
Time:	08:43			
Request No.:	5509928		Units	
HbA1c				
HbA1c	4.9		%	0.0-5.9
HbA1c (mmol/mol)	30		mmol/mol	0-41
HbA1c comment	hbacom			

Comments: (08/12/2023 08:43 Episode No. 5509928)

hbacom: HbA1c (IFCC): In keeping with Australian guidelines SydPath is now reporting HbA1c in conventional units (%) and restandardised units (mmol/mol). (MJA 2011; 195: 45-46)

Gender: M
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023

Date Collected: 8/12/2023

Specimen:

Subject(Test Name): HAEMATOLOGY

Clinical Information:

Date Performed: 8/12/2023

Complete: Final

	Current Result	Previous results for comparison only					Reference (for this collection)
Date:	08/12/23	31/05/23	15/09/20	17/06/19			
Time:	08:43	11:04	12:30	13:35			
Request No.:	5509928	6301735	5332180	5300924	Units		
Full Blood Count							
White Cell Count	5.3	6.4	6.1	6.7	10 ⁹ /L		4.0-11.0
Red Cell Count	5.0	4.8	4.9	5.0	10 ¹² /L		4.5-6.5
Haemoglobin	156	152	155	157	g/L		130-180
Haematocrit	0.46	0.44	0.45	0.47			0.40-0.54
MCV	92	92	91	93	fL		76-96
MCH	31.5	31.9	31.6	31.2	pg		27.0-32.0
MCHC	342	347	348	335	g/L		320-360
RDW	13.1	13.2	13.6	11.6	%		11.5-14.5
Platelet Count	211	248	234	261	10 ⁹ /L		150-400
.			
Neutrophils	2.3	3.2	2.8	4.3	10 ⁹ /L		2.0-7.5
Lymphocytes	2.1	2.4	2.3	1.6	10 ⁹ /L		1.5-4.0
Monocytes	0.5	0.5	0.5	0.6	10 ⁹ /L		0.2-1.0
Eosinophils	0.4	0.2	0.5 H	0.1	10 ⁹ /L		0.0-0.4
Basophils	0.0	0.0	0.0	0.1	10 ⁹ /L		0.0-0.1

Tests Pending: 25VitD,CK,FSH,FT3,Testosterone Free,Glucose
Fasting,HbA1c,HDL,HLH,Prolactin,SHBG,Testosterone total,TFT,UEC,LFT,B12 and Fol,Iron
Studies,Ferritin

Gender: M
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023
Date Collected: 8/12/2023
Specimen:
Subject(Test Name): LIPID STUDIES
Clinical Information:

Date Performed: 8/12/2023
Complete: Final

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	08/12/23			
Time:	08:43			
Request No.:	5509928		Units	
Lipid Studies				
Cholesterol	3.2		mmol/L	0.0-6.0
Triglyceride	0.9		mmol/L	0.0-2.0
HDL Cholesterol	1.2		mmol/L	>1.0
LDL Cholesterol	1.6		mmol/L	0.0-4.0
Non-HDL Chol.	2.0		mmol/L	0.0-4.0
Chol:HDL ratio	2.7			
Lipids comment	liprng			

Comments: (08/12/2023 08:43 Episode No. 5509928)

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: 25VitD,FSH,FT3,Testosterone Free,HbA1c,HLH,Prolactin,SHBG,Testosterone
total,TFT,B12 and Fol,Iron Studies,Ferritin

Gender: M
IHI No.:
Provider:
Referred by:

Date Requested: 7/12/2023

Date Collected: 8/12/2023

Specimen:

Subject(Test Name): ROUTINE CHEMISTRY

Clinical Information:

Date Performed: 8/12/2023

Complete: Final

	Current Result	Previous results for comparison only					Reference
Date:	08/12/23	31/05/23	17/06/19	12/10/18		(for this	
Time:	08:43	11:04	13:35	11:20		collection)	
Request No.:	5509928	6301735	5300924	5280280	Units		

Electrolytes (serum/plasma)

Sodium	143	140	141	mmol/L	135-145
Potassium	4.4	4.3	4.5	mmol/L	3.5-5.2
Chloride	105	102	103	mmol/L	95-110
Bicarbonate	23	28	26	mmol/L	22-32
Urea	9.8 H	9.8 H	10.9 H	mmol/L	3.5-8.0
Creatinine	118 H	115 H	107	umol/L	60-110
eGFR	70	73	82	mL/mn/1.73m2	>60
eGFR comment	gfrmild	gfrmild	gfrmild		
Range Comment			COM1		

Comments: (08/12/2023 08:43 Episode No. 5509928)

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	71	66	74	73	g/L	60-80
Albumin	45	41	46	45	g/L	33-48
Bilirubin total	13	6	6	10	umol/L	0-20
Alkaline phosphat	79	92	89	95	U/L	30-110
ALT	33	43 H	34	33	U/L	0-40
AST	31	36 H	39 H	43 H	U/L	0-35
GGT	<10	14	12	8	U/L	0-50
Lipase				34	U/L	
LDH	179	168	206	198	U/L	0-430
LFT range comm			COM	COM		

Glucose Testing

Glucose (fasting)	4.6	mmol/L	3.0-5.5
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Cardiac and Muscle Markers (serum/plasma)

Total CK	227	U/L	20-250
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Tests Pending: 25VitD, FSH, FT3, Testosterone Free, HbA1c, HLH, Prolactin, SHBG, Testosterone total, TFT, B12 and Fol, Iron Studies, Ferritin