

ANDERSON, REBECCA J
 2 MULLOO PL, CRANE BROOK. 2749
 Phone: 0409451748
 Birthdate: 09/09/1986 Sex: F Medicare Number: 2590794845
 Your Reference: CD4FB88E4F Lab Reference: 884968960-H-H902
 Laboratory: bsp
 Addressee: DR BAN M ABDULABAS Referred by: DR BAN M ABDULABAS

Name of Test: Haematology
 Requested: 05/06/2023 Collected: 18/07/2023 Reported: 18/07/2023
 14:49

Clinical notes: ON THYROXINE. FASTING.

Clinical Notes : ON THYROXINE. FASTING.

HAEMATOLOGY

Date	17/12/20	22/02/21	09/02/22	18/07/23		
Time F-Fast	0840 F	0740	1125 F	1004 F		
Lab ID	849188115	844892716	868384049	884968960	Units	Reference
Haemoglobin	118	127	142	148	g/L	(119-160)
RCC	4.7	5.2	5.6	H 6.0	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.37	0.41	0.44	0.47		
(0.35-0.48)						
MCV	L 79	L 79	L 79	L 79	fL	(80-100)
MCH	L 25.2	L 24.4	L 25.4	L 24.7	pg	
(27.0-32.0)						
MCHC	318	311	323	313	g/L	(310-360)
RDW	14.1	14.8	13.9	13.7		
(10.0-15.0)						
WCC	10.7	11.8	7.6	8.9	x10 ⁹ /L	(4.0-11.0)
Neutrophils	8.31	8.63	4.49	5.81	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.80	2.44	2.56	2.28	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.46	0.54	0.39	0.48	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.09	0.10	0.11	0.29	x10 ⁹ /L	(0.0-0.5)
Basophils	0.03	0.05	0.05	0.06	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	276	288	329	330	x10 ⁹ /L	(150-450)
ESR			8	H 24	mm/h	(1-23)

Comments on Collection 18/07/23 1004 F:
 Borderline / low red cell indices.
 Possible causes include iron deficiency and thalassaemia trait /
 haemoglobinopathy.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Lipids HDL(s), CRP(s),
 FBC(e), ESR(e)
 Tests Pending : Glu(p), RU-Malb, Vit D(s), TFT(s), Thyroid Abs(s)
 Sample Pending :

ANDERSON, REBECCA J
 2 MULLOO PL, CRANEBROOK. 2749
 Phone: 0409451748
 Birthdate: 09/09/1986 Sex: F Medicare Number: 2590794845
 Your Reference: CD4FB88E4F Lab Reference: 884968960-C-C141
 Laboratory: bsp
 Addressee: DR BAN M ABDULABAS Referred by: DR BAN M ABDULABAS

Name of Test: Biochemistry
 Requested: 05/06/2023 Collected: 18/07/2023 Reported: 18/07/2023
 14:49

Clinical notes: ON THYROXINE. FASTING.

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BIOCHEMISTRY

Date	19/02/20	17/09/20	09/02/22	18/07/23		
Time F-Fast	0739 F	1220	1125 F	1004 F		
Lab ID	843888514	847236377	868384049	884968960	Units	Reference
Status	Fasting	Random	Fasting	Fasting		
Sodium	137		137	136	mmol/L	(135-145)
Potassium	4.8		4.4	4.3	mmol/L	(3.5-5.5)
Chloride	103		104	100	mmol/L	(95-110)
Bicarbonate	23		27	28	mmol/L	(20-32)
Urea	4.8		4.5	4.2	mmol/L	(2.5-7.0)
Creatinine	75		70	70	umol/L	(45-85)
eGFR	>90		>90	>90	mL/min/1.73m2	(>59)
Bili.Total	10		12	11	umol/L	(3-15)
ALP	26		34	24	U/L	(20-105)
GGT	28		21	20	U/L	(5-35)
LD	173		221	186	U/L	(120-250)
AST	15		23	25	U/L	(10-35)
ALT	H 31		H 47	H 36	U/L	(5-30)
Total Protein	74		77	78	g/L	(68-85)
Albumin	42		45	44	g/L	(37-48)
Globulin	32		32	34	g/L	(23-39)
Cholesterol			H 6.5	H 6.1	mmol/L	(<5.5)
Triglycerides			H 2.2	1.7	mmol/L	(<2.0)

Comments on Collection 18/07/23 1004 F:
 eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Lipids HDL(s), CRP(s),
 FBC(e), ESR(e)
 Tests Pending : Glu(p), RU-Malb, Vit D(s), TFT(s), Thyroid Abs(s)
 Sample Pending :

ANDERSON, REBECCA J
 2 MULLOO PL, CRANE BROOK. 2749
 Phone: 0409451748
 Birthdate: 09/09/1986 Sex: F Medicare Number: 2590794845
 Your Reference: CD4FB88E4F Lab Reference: 884968960-C-C205
 Laboratory: bsp
 Addressee: DR BAN M ABDULABAS Referred by: DR BAN M ABDULABAS

Name of Test: Lipids HDL(s)
 Requested: 05/06/2023 Collected: 18/07/2023 Reported: 18/07/2023
 14:49

Clinical notes: ON THYROXINE. FASTING.

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Date	19/11/09	23/01/15	09/02/22	18/07/23		
Time F-Fast	0925 F	1000 F	1125 F	1004 F		
Lab ID	43458878	267334732	868384049	884968960	Units	Reference
Status	Fasting	Fasting	Fasting	Fasting		
Cholesterol	H 5.6	4.6	H 6.5	H 6.1	mmol/L	(<5.5)
Triglycerides	0.9	1.7	H 2.2	1.7	mmol/L	(<2.0)
HDL Chol.	1.3	1.0	1.1	L 1.2	mmol/L	(>1.2)
LDL Chol.	H 3.9	2.8	H 4.4	H 4.1	mmol/L	(<3.0)
Non-HDL Chol.				H 4.9	mmol/L	(<4.0)

Comments on Collection 18/07/23 1004 F:
 Please note that the above reference limits are decision limits.
 A flag based on these limits is an indication to review the absolute
 cardiovascular risk for the patient. For assessment of absolute
 cardiovascular disease risk please see www.cvdcheck.org.au

The above decision limits are based on the European Atherosclerosis Society (EAS) and European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) Consensus Statement 2016 and the Australasian Association of Clinical Biochemistry and Laboratory Medicine (AACB) Lipid Reporting Guideline 2018.

Lipid treatment targets for patients at high risk of cardiovascular disease:

Total cholesterol	<4.0 mmol/L
Triglyceride	<2.0 mmol/L
HDL cholesterol	>1.0 mmol/L
LDL cholesterol	<2.5 mmol/L (<1.8 mmol/L for very high risk)
Non-HDL cholesterol	<3.3 mmol/L (<2.5 mmol/L for very high risk)

High risk - Primary prevention Very high risk - Secondary prevention

Target values from the AACB Lipid Reporting Guideline 2018.

Please note that as there is a continuum of risk, benefits are obtained for any measured lipid components moving towards and beyond the various target levels.

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Tests Completed: LFT(s), C(s), UCreat(s), E(s), Lipids HDL(s), CRP(s),

ANDERSON, REBECCA J
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Phone: 0409451748
Birthdate: 09/09/1986 Sex: F Medicare Number: 2590794845
Your Reference: CD4FB88E4F Lab Reference: 884968960-C-C290
Laboratory: bsp
Addressee: DR BAN M ABDULABAS Referred by: DR BAN M ABDULABAS

Name of Test: CRP(s)
Requested: 05/06/2023 Collected: 18/07/2023 Reported: 18/07/2023
14:49

Clinical notes: ON THYROXINE. FASTING.

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Date	06/05/10	19/02/20	09/02/22	18/07/23		
Time F-Fast	1100 F	0739 F	1125 F	1004 F		
Lab ID	203664078	843888514	868384049	884968960	Units	Reference
CRP	4.6	H 11.8	H 7.4	H 10.7	mg/L	(0.0-5.0)

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Lipids HDL(s), CRP(s),
FBC(e), ESR(e)
Tests Pending : Glu(p), RU-Malb, Vit D(s), :TFT(s), Thyroid Abs(s)
Sample Pending :

ANDERSON, REBECCA J
2 MULLOO PL, CRANE BROOK. 2749
Phone: 0409451748
Birthdate: 09/09/1986 Sex: F Medicare Number: 2590794845
Your Reference: CD4FB88E4F Lab Reference: 884968960-C-C924
Laboratory: bsp
Addressee: DR BAN M ABDULABAS Referred by: DR BAN M ABDULABAS

Name of Test: Glucose
Requested: 05/06/2023 Collected: 18/07/2023 Reported: 18/07/2023
15:19

Clinical notes: ON THYROXINE. FASTING.

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GLUCOSE

Date	19/02/20	17/09/20	09/02/22	18/07/23		
Time F-Fast	0739 F	1220	1125 F	1004 F		
Lab ID	843888514	847236377	868384049	884968960	Units	Reference
F Gluc Plasma	5.1		4.6	5.2	mmol/L	(3.6-6.0)
R Gluc Plasma		4.2			mmol/L	(3.6-7.7)

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Glu(p), Lipids HDL(s),
CRP(s), FBC(e), ESR(e)
Tests Pending : RU-Malb, Vit D(s), TFT(s), Thyroid Abs(s)
Sample Pending :

ANDERSON, REBECCA J
2 MULLOO PL, CRANE BROOK. 2749
Phone: 0409451748

Birthdate: 09/09/1986 Sex: F Medicare Number: 2590794845
Your Reference: CD4FB88E4F Lab Reference: 884968960-C-C485

Laboratory: bsp

Addressee: DR BAN M ABDULABAS Referred by: DR BAN M ABDULABAS

Name of Test: RU-Malb

Requested: 05/06/2023 Collected: 18/07/2023

Reported: 18/07/2023

18:49

Clinical notes: ON THYROXINE. FASTING.

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Microalbumin, Random Urine

U-Creatinine	7.0	mmol/L	
R U-Albumin	7.8	mg/L	
R U-Albumin/Creat	1.1	mg/mmol	(<3.5)

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Glu(p), Lipids HDL(s),
CRP(s), RU-Malb, FBC(e), ESR(e)

Tests Pending : Vit D(s), :TFT(s), Thyroid Abs(s)

Sample Pending :

ANDERSON, REBECCA J
2 MULLOO PL, CRANEBROOK. 2749
Phone: 0409451748
Birthdate: 09/09/1986 Sex: F Medicare Number: 2590794845
Your Reference: CD4FB88E4F Lab Reference: 884968960-C-C513
Laboratory: bsp
Addressee: DR BAN M ABDULABAS Referred by: DR BAN M ABDULABAS

Name of Test: Vit D(s)
Requested: 05/06/2023 Collected: 18/07/2023 Reported: 19/07/2023
08:22

Clinical notes: ON THYROXINE. FASTING.

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Date	09/02/16	17/09/20	09/02/22	18/07/23		
Time F-Fast	0815	1220	1125 F	1004 F		
Lab ID	247112211	847236377	868384049	884968960	Units	Reference
Vitamin D	L 45	L 33	63	L 45	nmol/L	(50-140)

Comments on Collection 18/07/23 1004 F:
Consistent with mild Vitamin D deficiency.
Due to the prolonged half-life of 25-OH Vitamin D, reassessment of Vitamin D status should not be undertaken until at least 3 to 4 months after implementing supplementation or changing the dose of replacement therapy. According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):686-687, 2012, Vitamin D status is defined as:

Mild Deficiency	30	-	49 nmol/L
Moderate Deficiency	12.5	-	29 nmol/L
Severe Deficiency	<12.5		nmol/L

Vitamin D adequacy can be defined as a level >49 nmol/L at the end of winter - the level may need to be 10 - 20 nmol/L higher at the end of summer, to allow for seasonal decrease.

From 1st November 2014, Medicare rebates for vitamin D testing will apply to patients at risk of Vitamin D deficiency such as chronic lack of sun exposure.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Glu(p), Lipids HDL(s), CRP(s), RU-Malb, Vit D(s), :TFT(s), Thyroid Abs(s), FBC(e), ESR(e)

Tests Pending :

Sample Pending :

ANDERSON, REBECCA J
2 MULLOO PL, CRANE BROOK. 2749
Phone: 0409451748
Birthdate: 09/09/1986 Sex: F Medicare Number: 2590794845
Your Reference: CD4FB88E4F Lab Reference: 884968960-E-E031
Laboratory: bsp
Addressee: DR BAN M ABDULABAS Referred by: DR BAN M ABDULABAS

Name of Test: Thyroid Function
Requested: 05/06/2023 Collected: 18/07/2023 Reported: 19/07/2023
08:22

Clinical notes: ON THYROXINE. FASTING.

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TFT

Date	29/11/21	09/02/22	31/03/22	18/07/23		
Time F-Fast	1159	1125 F	1018	1004 F		
Lab ID	866754651	868384049	865588097	884968960	Units	Reference
TSH	H 53.4	H 3.55	1.13	L 0.03	mIU/L	
(0.40-3.50)						
Free T4	10.8	17.0	16.8	H 23.3	pmol/L	(9.0-19.0)
Free T3	4.1	4.4		H 6.3	pmol/L	(2.6-6.0)

Comments on Collection 18/07/23 1004 F:
Consistent with hyperthyroid state.
In the absence of a history of thyroid neoplasia and provided replacement dosage has not changed recently and proper compliance is assured, the results suggest that decreased dosage may be indicated.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Glu(p), Lipids HDL(s),
CRP(s), RU-Malb, Vit D(s), :TFT(s), Thyroid Abs(s),
FBC(e), ESR(e)

Tests Pending :
Sample Pending :

ANDERSON, REBECCA J
2 MULLOO PL, CRANE BROOK. 2749
Phone: 0409451748
Birthdate: 09/09/1986 Sex: F Medicare Number: 2590794845
Your Reference: CD4FB88E4F Lab Reference: 884968960-C-E613
Laboratory: bsp
Addressee: DR BAN M ABDULABAS Referred by: DR BAN M ABDULABAS

Name of Test: Tg &/or Thy Ab (s)
Requested: 05/06/2023 Collected: 18/07/2023 Reported: 19/07/2023
08:22

Clinical notes: ON THYROXINE. FASTING.

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Thyroglobulin and/or Thyroid Antibodies

Date	09/02/16	26/06/20	09/02/22	18/07/23		
Time F-Fast	0815	1229	1125 F	1004 F		
Lab ID	247112211	842308655	868384049	884968960	Units	Reference
Peroxidase Ab	H 218				IU/mL	(0-35)
Tg Ab	<20				IU/mL	(0-40)
Anti-Tg (Abbott)		H 20.1	H 30.3	H 11.7	IU/mL	(<4.1)
Anti-TPO (Abbott)		H >1000.0	H >1000.0	H 649.3	IU/mL	(<5.6)

Comments on Collection 18/07/23 1004 F:
High levels of thyroglobulin and thyroid peroxidase antibodies occur in Hashimoto's disease. Lower levels can occur in clinically normal persons and with other thyroid disorders.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Glu(p), Lipids HDL(s),
CRP(s), RU-Malb, Vit D(s), TFT(s), Thyroid Abs(s),
FBC(e), ESR(e)

Tests Pending :
Sample Pending :