

RAVEN, SIMONE
7 MACQUARIE ROAD, MORISSET PARK. 2264
Phone: 0438784409
Birthdate: 06/06/1963 Sex: F Medicare Number: 2232772271
Your Reference: AB69138CE4 Lab Reference: 896714937-C-C924
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR BENTLEY LOGAN Referred by: DR BENTLEY LOGAN

Name of Test: Glucose
Requested: 14/07/2025 Collected: 01/09/2025 Reported: 01/09/2025 20:33

Clinical notes: review lipid profile in 3 - 6 months. Fasting.

Clinical Notes : review lipid profile in 3 - 6 months.
Fasting.

GLUCOSE

Date	13/10/23	16/05/24	22/04/25	01/09/25		
Time F-Fast	0838 F	0814 F	0804 F	0841 F		
Lab ID	836386005	836843259	894691957	896714937	Units	Reference
F Gluc Plasma	4.5	4.5		4.5	mmol/L	(3.6-6.0)
F Gluc Serum			4.8		mmol/L	(3.6-6.0)

Comments on Collection 01/09/25 0841 F:
Diabetes is unlikely if fasting glucose levels are less than 5.5 mmol/L but
an OGTT could be indicated in the presence of risk factors such as
metabolic syndrome, past gestational diabetes, polycystic ovary or family
history of type 2 diabetes.

NATA Accreditation No 2178

Tests Completed: Glu(p)
Tests Pending : B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s),
Lipids HDL(s), Apo-B(s), Vit D(s), Cu(s), Homo(e),
Lp(a) (s), Plasma Zn(e)
Sample Pending :

RAVEN, SIMONE
 7 MACQUARIE ROAD, MORISSET PARK. 2264
 Phone: 0438784409
 Birthdate: 06/06/1963 Sex: F Medicare Number: 2232772271
 Your Reference: AB69138CE4 Lab Reference: 896714937-C-C141
 Laboratory: Douglass Hanly Moir Pathology
 Addressee: DR BENTLEY LOGAN Referred by: DR BENTLEY LOGAN

Name of Test: Biochemistry
 Requested: 14/07/2025 Collected: 01/09/2025 Reported: 02/09/2025 02:33

Clinical notes: review lipid profile in 3 - 6 months. Fasting.

Clinical Notes : review lipid profile in 3 - 6 months.
 Fasting.

BIOCHEMISTRY

Date	16/05/24	26/11/24	22/04/25	01/09/25		
Time F-Fast	0814 F	0806 F	0804 F	0841 F		
Lab ID	836843259	855320215	894691957	896714937	Units	Reference
Status	Fasting	Fasting	Fasting	Fasting		
Sodium	141	137	138	137	mmol/L	(135-145)
Potassium	4.2	4.0	4.4	4.1	mmol/L	(3.5-5.5)
Chloride	107	101	104	106	mmol/L	(95-110)
Bicarbonate	24	23	28	26	mmol/L	(20-32)
Urea	6.9	3.9	5.0	4.6	mmol/L	(3.0-8.5)
Creatinine	80	60	55	60	umol/L	(45-85)
eGFR	68	>90	>90	>90	mL/min/1.73m2	(>59)
Bili.Total	5	7	5	4	umol/L	(3-15)
ALP	H 128	101	H 117	86	U/L	(30-115)
GGT	29	19	20	18	U/L	(5-35)
LD	180	175	168	180	U/L	(120-250)
AST	25	24	25	27	U/L	(10-35)
ALT	24	18	18	25	U/L	(5-30)
Total Protein	67	67	66	65	g/L	(64-83)
Albumin	45	46	45	43	g/L	(36-47)
Globulin	L 22	L 21	L 21	L 22	g/L	(23-39)
Cholesterol	H 6.4	H 6.8	5.0	4.7	mmol/L	(<5.5)
Triglycerides	1.4	H 2.0	0.4	0.5	mmol/L	(<2.0)

Comments on Collection 01/09/25 0841 F:
 eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p), Lipids HDL(s)
 Tests Pending : Apo-B(s), Vit D(s), Cu(s), Lp(a) (s), Homocysteine (s), Plasma Zn(e)
 Sample Pending :

RAVEN, SIMONE
7 MACQUARIE ROAD, MORISSET PARK. 2264
Phone: 0438784409
Birthdate: 06/06/1963 Sex: F Medicare Number: 2232772271
Your Reference: AB69138CE4 Lab Reference: 896714937-C-C205
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR BENTLEY LOGAN Referred by: DR BENTLEY LOGAN

Name of Test: Lipids HDL(s)
Requested: 14/07/2025 Collected: 01/09/2025 Reported: 02/09/2025 02:33

Clinical notes: review lipid profile in 3 - 6 months. Fasting.

Clinical Notes : review lipid profile in 3 - 6 months.
Fasting.

Date	16/05/24	26/11/24	22/04/25	01/09/25		
Time F-Fast	0814 F	0806 F	0804 F	0841 F		
Lab ID	836843259	855320215	894691957	896714937	Units	Reference
Status	Fasting	Fasting	Fasting	Fasting		
Cholesterol	H 6.4	H 6.8	5.0	4.7	mmol/L	(<5.5)
Triglycerides	1.4	H 2.0	0.4	0.5	mmol/L	(<2.0)
HDL Chol.	1.6	L 1.2	1.9	1.7	mmol/L	(>1.2)
LDL Chol.	H 4.2	H 4.7	2.9	2.8	mmol/L	(<3.0)
Non-HDL Chol.	H 4.8	H 5.6	3.1	3.0	mmol/L	(<4.0)

Comments on Collection 01/09/25 0841 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.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p), Lipids HDL(s)
Tests Pending : Apo-B(s), Vit D(s), Cu(s), Lp(a) (s), Homocysteine (s), Plasma Zn(e)
Sample Pending :

RAVEN, SIMONE
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Phone: 0438784409
Birthdate: 06/06/1963 Sex: F Medicare Number: 2232772271
Your Reference: AB69138CE4 Lab Reference: 896714937-C-E941
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR BENTLEY LOGAN Referred by: DR BENTLEY LOGAN

Name of Test: Lp(a) (s)
Requested: 14/07/2025 Collected: 01/09/2025 Reported: 02/09/2025 04:33

Clinical notes: review lipid profile in 3 - 6 months. Fasting.

Clinical Notes : review lipid profile in 3 - 6 months.
Fasting.

Lipoprotein(a) (Roche)

Lipoprotein(a) 28.5 (<100) nmol/L

Comment on Lab ID 896714937

Please note: As of 1 February 2025, lipoprotein(a) testing will be performed by the Roche method with an updated threshold for cardiovascular risk.

Lipoprotein(a) or Lp(a) is an independent risk factor for atherosclerotic cardiovascular disease (ASCVD) and calcific aortic valve stenosis. Although there is currently no generalised consensus on Lp(a) cardiovascular risk thresholds, the Australian Atherosclerosis Society considers that a level <100 nmol/L is not associated with an increased risk for ASCVD. Management of other ASCVD risk factors should be initiated and continue as per standard medical care (Heart, Lung and Circulation 2023 March; 32(3), 287-296).

While secondary causes of elevated Lp(a) may include impaired renal function, menopause, pregnancy, hypothyroidism and chronic inflammation, other conditions such as hyperthyroidism, hormone replacement therapy, liver disease and acute illness, can lower Lp(a) levels so that repeat testing may be required.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Lipids HDL(s), Lp(a) (s)

Tests Pending : Apo-B(s), Vit D(s), Cu(s), Homocysteine (s), Plasma Zn(e)

Sample Pending :

RAVEN, SIMONE
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Phone: 0438784409
Birthdate: 06/06/1963 Sex: F Medicare Number: 2232772271
Your Reference: AB69138CE4 Lab Reference: 896714937-E-H246
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR BENTLEY LOGAN Referred by: DR BENTLEY LOGAN

Name of Test: B12/Folate/RCF
Requested: 14/07/2025 Collected: 01/09/2025 Reported: 02/09/2025 05:03

Clinical notes: review lipid profile in 3 - 6 months. Fasting.

Clinical Notes : review lipid profile in 3 - 6 months.
Fasting.

VIT B12 & FOLATE

Date	14/08/23	13/10/23	16/05/24	01/09/25		
Time F-Fast	1044 F	0838 F	0814 F	0841 F		
Lab ID	861760801	836386005	836843259	896714937	Units	Reference
Vitamin B12	632	332		366	pmol/L	(135-650)
Active B12		>128	>128		pmol/L	(>35)
S.Fol (Abbott)				30.1	nmol/L	(>7.0)
Homocysteine, Se				8.5	umol/L	(5.0-12.0)

Comments on Collection 01/09/25 0841 F:

From 1 July 2025, homocysteine testing will be performed on all patients with low or inconclusive (at or below 400 pmol/L) total B12 results. Both tests are eligible for a Medicare rebate under these conditions.

Although a normal total B12 ≤ 400 pmol/L can be inconclusive, a homocysteine which is not elevated suggests that body stores of B12 are replete. If symptoms or signs of B12 deficiency persist consider follow-up testing in 3-6 months.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Lipids HDL(s), Lp(a) (s), Homocysteine (s)
Tests Pending : Apo-B(s), Vit D(s), Cu(s), Plasma Zn(e)
Sample Pending :

RAVEN, SIMONE
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Phone: 0438784409
Birthdate: 06/06/1963 Sex: F Medicare Number: 2232772271
Your Reference: AB69138CE4 Lab Reference: 896714937-C-C513
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR BENTLEY LOGAN Referred by: DR BENTLEY LOGAN

Name of Test: Vit D(s)
Requested: 14/07/2025 Collected: 01/09/2025 Reported: 02/09/2025 10:33

Clinical notes: review lipid profile in 3 - 6 months. Fasting.

Clinical Notes : review lipid profile in 3 - 6 months.
Fasting.

Date	25/11/22	02/11/23	22/04/25	01/09/25		
Time F-Fast	0837 F	0940 F	0804 F	0841 F		
Lab ID	884034229	836385882	894691957	896714937	Units	Reference
Vitamin D	H 142	119	H 193	H 183	nmol/L	(50-140)

Comments on Collection 01/09/25 0841 F:

Test repeated and result confirmed.

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: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Lipids HDL(s), Vit D(s), Lp(a) (s), Homocysteine (s)

Tests Pending : Apo-B(s), Cu(s), Plasma Zn(e)

Sample Pending :

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Phone: 0438784409
Birthdate: 06/06/1963 Sex: F Medicare Number: 2232772271
Your Reference: AB69138CE4 Lab Reference: 896714937-R-B099
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR BENTLEY LOGAN Referred by: DR BENTLEY LOGAN

Name of Test: Zinc
Requested: 14/07/2025 Collected: 01/09/2025 Reported: 02/09/2025 18:03

Clinical notes: review lipid profile in 3 - 6 months. Fasting.

Clinical Notes : review lipid profile in 3 - 6 months.
Fasting.

Zinc

Date	29/11/19	30/03/20	20/05/24	01/09/25		
Time F-Fast	1007 F	1416	0958	0841 F		
Lab ID	841893584	843535964	851858683	896714937	Units	Reference
P-Zinc	14.8	13.8		12.3	umol/L	(9.0-19.0)
Date Begin			19/05/2024			
Date finish			20/05/2024			

Comments on Collection 01/09/25 0841 F:

Reported by Sullivan and Nicolaides Pathology, a member of the
Sonic Healthcare Group.

NATA Accreditation No 2178

Tests Completed: B12(s),Fol(s),LFT(s),C(s),UCreat(s),E(s),Glu(p),
Lipids HDL(s),Vit D(s),Lp(a) (s),Homocysteine (s),Plasma Zn(e)
Tests Pending : Apo-B(s),Cu(s)
Sample Pending :

RAVEN, SIMONE
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Phone: 0438784409
Birthdate: 06/06/1963 Sex: F Medicare Number: 2232772271
Your Reference: AB69138CE4 Lab Reference: 896714937-R-C500
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR BENTLEY LOGAN Referred by: DR BENTLEY LOGAN

Name of Test: Apolipoproteins
Requested: 14/07/2025 Collected: 01/09/2025 Reported: 03/09/2025 12:33

Clinical notes: review lipid profile in 3 - 6 months. Fasting.

Clinical Notes : review lipid profile in 3 - 6 months.
Fasting.

Apolipoprotein

Apolipoprotein B 0.81 g/L (0.64 - 1.82)

Reported by Sullivan and Nicolaides Pathology, a member of the
Sonic Healthcare Group.

Comment on Lab ID 896714937

Apo B target concentrations are < 0.65, 0.80, and 1.0 g/L for people at
very-high, high, and moderate risk for cardiovascular disease.

Ref. European Heart Journal, Volume 41, Issue 1, 1 January 2020, Pages
111-188

Reported by Sullivan and Nicolaides Pathology, a member of the
Sonic Healthcare Group.

NATA Accreditation No 2178

Tests Completed: B12(s), Folate(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Lipids HDL(s), Apo-B(s), Vit D(s), Lp(a) (s),
Homocysteine (s), Plasma Zn(e)

Tests Pending : Cu(s)

Sample Pending :

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Phone: 0438784409
Birthdate: 06/06/1963 Sex: F Medicare Number: 2232772271
Your Reference: AB69138CE4 Lab Reference: 896714937-C-C731
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR BENTLEY LOGAN Referred by: DR BENTLEY LOGAN

Name of Test: Metals, Blood
Requested: 14/07/2025 Collected: 01/09/2025 Reported: 04/09/2025 16:03

Clinical notes: review lipid profile in 3 - 6 months. Fasting.

Clinical Notes : review lipid profile in 3 - 6 months.
Fasting.

BLOOD METALS

Date	30/03/20	01/09/25		
Time F-Fast	1416	0841 F		
Lab ID	843535964	896714937	Units	Reference
Copper	17	14	umol/L	(12-22)

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Lipids HDL(s), Apo-B(s), Vit D(s), Cu(s), Lp(a) (s),
Homocysteine (s), Plasma Zn(e)

Tests Pending :

Sample Pending :