

DONOVAN, CARLY ANN
 5 WUNDA RD, MOSMAN. 2088
 Phone: 0412291118
 Birthdate: 13/02/1974 Sex: F Medicare Number: 6135408878
 Your Reference: 202303 Lab Reference: 851775153-H-H902
 Laboratory: Douglass Hanly Moir Pathology
 Addressee: DR SEAN TAN Referred by: DR SEAN TAN

Name of Test: Haematology
 Requested: 11/06/2024 Collected: 22/07/2024 Reported: 22/07/2024
 15:06

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

HAEMATOLOGY

Date	03/08/23	03/08/23	12/04/24	22/07/24		
Time F-Fast	1017 F	1017 F	1134	0816 F		
Lab ID	886538147	886538155	851333492	851775153	Units	Reference
Haemoglobin	130	130	141	141	g/L	(119-160)
RCC	4.1	4.1	4.7	4.6	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.38	0.38	0.42	0.41		
(0.35-0.48)						
MCV	93	93	89	90	fL	(80-100)
MCH	31.6	31.6	30.1	30.8	pg	
(27.0-32.0)						
MCHC	341	341	340	343	g/L	(310-360)
RDW	12.2	12.2	12.5	13.6		
(10.0-15.0)						
WCC	4.9	4.9	5.0	4.9	x10 ⁹ /L	(4.0-11.0)
Neutrophils	2.76	2.76	2.65	2.80	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.41	1.41	1.53	1.37	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.53	0.53	0.66	0.51	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.11	0.11	0.11	0.14	x10 ⁹ /L	(0.0-0.5)
Basophils	0.05	0.05	0.05	0.04	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	313	313	350	303	x10 ⁹ /L	(150-450)

Comments on Collection 22/07/24 0816 F:
 Full blood count is within reference limits

NATA Accreditation No 2178

Tests Completed: FBC(e)
 Tests Pending : DHEAS(s), LFT(s), C(s), UCreat(s), E(s), Glu(p), Phos(s),
 Lipids HDL(s), Ca(s), Mg(s), Vit D(s), HbA1c Diag(e), CortAM(s)
 Sample Pending :

DONOVAN, CARLY ANN
5 WUNDA RD, MOSMAN. 2088
Phone: 0412291118
Birthdate: 13/02/1974 Sex: F Medicare Number: 6135408878
Your Reference: 202303 Lab Reference: 851775153-C-E557
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR SEAN TAN Referred by: DR SEAN TAN

Name of Test: Cortisol
Requested: 11/06/2024 Collected: 22/07/2024 Reported: 23/07/2024
10:06

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

Cortisol

Cortisol am	384	nmol/L	(138 - 650)
Collection Time	0816	Hrs	

Comment on Lab ID 851775153

NATA Accreditation No 2178

Tests Completed: DHEAS(s), LFT(s), C(s), UCreat(s), E(s), Glu(p), Phos(s),
Lipids HDL(s), Ca(s), Mg(s), Vit D(s), HbA1c Diag(e),
CortAM(s), FBC(e)

Tests Pending :
Sample Pending :

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 5 WUNDA RD, MOSMAN. 2088
 Phone: 0412291118
 Birthdate: 13/02/1974 Sex: F Medicare Number: 6135408878
 Your Reference: 202303 Lab Reference: 851775153-C-C205
 Laboratory: Douglass Hanly Moir Pathology
 Addressee: DR SEAN TAN Referred by: DR SEAN TAN

Name of Test: Lipids HDL(s)
 Requested: 11/06/2024 Collected: 22/07/2024 Reported: 22/07/2024
 15:36

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

Date	28/09/13	19/08/17	12/04/24	22/07/24		
Time F-Fast	0855 F	1020 F	1134	0816 F		
Lab ID	258373003	288340450	851333492	851775153	Units	Reference
Status	Fasting	Fasting	Random	Fasting		
Cholesterol	H 6.2	H 6.6	H 6.3	H 7.1	mmol/L	(<5.5)
Triglycerides	1.4	1.3	1.1	1.0	mmol/L	(<2.0)
HDL Chol.	2.1	2.1	1.8	1.8	mmol/L	(>1.2)
LDL Chol.	3.5	H 3.9	H 4.0	H 4.8	mmol/L	(<3.0)
Non-HDL Chol.			H 4.5	H 5.3	mmol/L	(<4.0)

Comments on Collection 22/07/24 0816 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: DHEAS(s), LFT(s), C(s), UCreat(s), E(s), Phos(s),

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Phone: 0412291118
Birthdate: 13/02/1974 Sex: F Medicare Number: 6135408878
Your Reference: 202303 Lab Reference: 851775153-C-E777
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR SEAN TAN Referred by: DR SEAN TAN

Name of Test: HbA1c
Requested: 11/06/2024 Collected: 22/07/2024 Reported: 22/07/2024
16:36

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

Haemoglobin A1c

HbA1c (IFCC)	38	mmol/mol	(20 - 38)
HbA1c (NGSP)	5.6	%	(4.0 - 5.6)

Comment on Lab ID 851775153

HbA1c less than 48 mmol/mol (6.5%) does not exclude a diagnosis of diabetes mellitus based upon elevated glucose results. The existing diagnostic criteria for fasting and random glucose levels and for oral glucose tolerance testing remain valid, and are the diagnostic tests of choice in the presence of conditions that interfere with HbA1c measurement. Conditions which may affect the measured HbA1c value include any of the haemolytic anaemias, anaemia of chronic disease, severe liver disease, vitamin B12 and/or folate deficiency, the haemoglobinopathies and regular phlebotomy performed for medical indications or for blood donation. It also should be noted that further investigation is required for any inexplicably low HbA1c level or significant discrepancy between HbA1c and glucose results.

NATA Accreditation No 2178

Tests Completed: DHEAS(s), LFT(s), C(s), UCreat(s), E(s), Phos(s),
Lipids HDL(s), Ca(s), Mg(s), HbA1c Diag(e), FBC(e)
Tests Pending : Glu(p), Vit D(s), CortAM(s)
Sample Pending :

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Phone: 0412291118
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Your Reference: 202303 Lab Reference: 851775153-C-C513
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR SEAN TAN Referred by: DR SEAN TAN

Name of Test: Vit D(s)
Requested: 11/06/2024 Collected: 22/07/2024 Reported: 22/07/2024
18:06

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

Date	28/09/13	11/05/15	21/11/22	22/07/24		
Time F-Fast	0855 F	1200	1258	0816 F		
Lab ID	258373003	243888368	868012110	851775153	Units	Reference
Vitamin D	L 49	85	70	82	nmol/L	(50-140)

Comments on Collection 22/07/24 0816 F:
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: DHEAS(s), LFT(s), C(s), UCreat(s), E(s), Glu(p), Phos(s),
Lipids HDL(s), Ca(s), Mg(s), Vit D(s), HbA1c Diag(e), FBC(e)
Tests Pending : CortAM(s)
Sample Pending :

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Phone: 0412291118
Birthdate: 13/02/1974 Sex: F Medicare Number: 6135408878
Your Reference: 202303 Lab Reference: 851775153-C-C924
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR SEAN TAN Referred by: DR SEAN TAN

Name of Test: _Glucose
Requested: 11/06/2024 Collected: 22/07/2024 Reported: 22/07/2024
17:06

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

GLUCOSE

Date	28/09/13	19/08/17	03/08/23	22/07/24		
Time F-Fast	0855 F	1020 F	1017 F	0816 F		
Lab ID	258373003	288340450	886538155	851775153	Units	Reference
F Gluc Plasma	5.1	4.4	4.2	5.0	mmol/L	(3.6-6.0)

Comments on Collection 22/07/24 0816 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: DHEAS(s), LFT(s), C(s), UCreat(s), E(s), Glu(p), Phos(s),
Lipids HDL(s), Ca(s), Mg(s), HbA1c Diag(e), FBC(e)
Tests Pending : Vit D(s), CortAM(s)
Sample Pending :

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 Your Reference: 202303 Lab Reference: 851775153-C-C141
 Laboratory: Douglass Hanly Moir Pathology
 Addressee: DR SEAN TAN Referred by: DR SEAN TAN

Name of Test: Biochemistry
 Requested: 11/06/2024 Collected: 22/07/2024 Reported: 22/07/2024
 15:36

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

BIOCHEMISTRY

Date	04/03/24	12/04/24	06/06/24	22/07/24		
Time F-Fast	1009 F	1134	0901 F	0816 F		
Lab ID	839596648	851333492	852172713	851775153	Units	Reference
Status		Random		Fasting		
Sodium	136	139	142	138	mmol/L	(135-145)
Potassium	4.2	4.0	4.6	4.3	mmol/L	(3.5-5.5)
Chloride	102	103	108	104	mmol/L	(95-110)
Bicarbonate	21	25	25	28	mmol/L	(20-32)
Urea	4.9	5.4	5.8	5.0	mmol/L	(3.0-8.0)
Creatinine	50	50	55	50	umol/L	(45-85)
eGFR	>90	>90	>90	>90	mL/min/1.73m2	(>59)
Calcium	2.49			2.37	mmol/L	
(2.15-2.55)						
Corr Calcium	2.45			2.33	mmol/L	
(2.15-2.55)						
Magnesium.				0.79	mmol/L	
(0.65-1.00)						
Phosphate.				0.81	mmol/L	(0.8-1.5)
Bili.Total		7		13	umol/L	(3-15)
ALP		58		79	U/L	(20-105)
GGT		21		20	U/L	(5-35)
LD		179		177	U/L	(120-250)
AST		16		20	U/L	(10-35)
ALT		15		22	U/L	(5-30)
Total Protein		72		69	g/L	(64-83)
Albumin	45	46		45	g/L	(36-47)
Globulin		26		24	g/L	(23-39)
Cholesterol		H 6.3		H 7.1	mmol/L	(<5.5)
Triglycerides		1.1		1.0	mmol/L	(<2.0)

Comments on Collection 22/07/24 0816 F:
 eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: DHEAS(s), LFT(s), C(s), UCreat(s), E(s), Phos(s),
 Lipids HDL(s), Ca(s), Mg(s), FBC(e)
 Tests Pending : Glu(p), Vit D(s), HbA1c Diag(e), CortAM(s)
 Sample Pending :

Tests Pending : Lipids HDL(s),Ca(s),Mg(s),FBC(e)
: Glu(p),Vit D(s), HbA1c Diag(e),CortAM(s)
Sample Pending :

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Your Reference: 202303 Lab Reference: 851775153-E-B007
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR SEAN TAN Referred by: DR SEAN TAN

Name of Test: Hormones
Requested: 11/06/2024 Collected: 22/07/2024 Reported: 22/07/2024
15:36

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

Reproductive Hormones
(Abbott Method)

DHEAS 3.8 umol/L (2.4 - 13)

Comment on Lab ID 851775153

NATA Accreditation No 2178

Tests Completed: DHEAS(s), LFT(s), C(s), UCreat(s), E(s), Phos(s),
Lipids HDL(s), Ca(s), Mg(s), FBC(e)
Tests Pending : Glu(p), Vit D(s), HbA1c Diag(e), CortAM(s)
Sample Pending :