



Douglass Hanly Moir Pathology Pty Limited ABN 80 003 332 858,
a subsidiary of Sonic Healthcare Limited ABN 24 004 196 909 APA 906

Dr E Ahn
Dr A Allende
Dr B Armstrong
Dr T Baillie
Dr K Baumgart
Dr M Berbic
Dr J Blackwell
Adj Prof F Bonar
Dr A Broadfoot
Dr I Burchett
Dr G Caldwell
Dr A Cheah
Dr C Chor
Prof S Clark
Adj Prof H Coleman
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Dr O Crainic
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Dr S Day
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Dr J Ding
Dr F D'Souza
Dr M Dubosq
Dr I Edwards
Dr M Edwards
Adj Prof A Farnsworth
Dr T Fuchs
Dr M Galea
Dr M Galido Mabaga
Dr G Gifford
Dr C Goldschmidt
Dr M Gohlj

Dr P Guzman
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Dr T Harvey
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Dr S Ilyne
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Dr J Reddy
Dr R Reynolds
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Dr M Rodriguez
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Dr S Shchelokov
Dr F Sinclair

Dr S Surin
A/Prof K Tan
Dr I Tang
Dr P Tanzifi
Dr N Taylor
Dr V Thiruvialar
Dr J Turchini
A/Prof J Turner
Dr A Varallo-N
A/Prof C Varg
Dr M Wehrhah
Dr C Wong
Dr J Wu
Dr K Young
Dr L Zhuang

Patient

2/4 CROSS STREET
GLENBROOK NSW 2773



Ph: 0247351407

Lab ID : 835349545

2/4 Cross Street
Glenbrook 2773

DOB : 29/08/1953 (70 Yrs)

Sex : Female
Ph : 0414892703

Your Ref : 9977

Requested : 16/05/2024 08:15
Collected : 22/05/2024 12:15
Received : 22/05/2024 09:47
Printed : 29/05/2024

Iron Studies					Current Result	Units	Reference
Date	14/09/01	19/12/16	16/12/21	17/08/23	22/05/24		
Time	07:20	12:27	06:15	06:45	08:15		
Lab ID	72160650	262779488	865862925	835774111	835349545		
Iron	27.8	19.4	15.7	16.3	15.2	umol/L	(5.0-30.0)
Transferrin	2.9	2.4	2.5	2.6	2.4	g/L	(2.0-3.2)
TIBC (Calc)		54	56	58	54	umol/L	(46-70)
Saturation	43	36	28	28	28	%	(10-45)
Ferritin	32	237	205	184	288	ug/L	(30-300)

Serum Zinc	13	umol/L	(10-18)
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B12/Folate/RCF		Current Result		Units	Reference
Date	17/08/23	22/05/24			
Time	06:45	08:15			
Lab ID	835774111	835349545			
Vitamin B12	291			pmol/L	(135-650)
Active B12	106	> 128		pmol/L	(> 35)
<i>S.Fol (Abbott)</i>	23.9	21.2		nmol/L	(> 7.0)



DOUGLASS HANLY MOIR PATHOLOGY

Specialist Pathologist (02) 9855 5150 Toll free 1800 222 365
General enquiries (all hours) (02) 9855 5222 Results (02) 9855 5100

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Mrs Heather Threlfall

2/4 CROSS STREET
GLENBROOK NSW 2773

Ref by: Dr S Labib

Ph: 0247351407

Heather THRELFALL

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Lipids and HDL

Date	04/12/20	16/12/21	28/07/22	17/08/23	Current Result	Units	Reference
Time	08:32	06:15	06:35	06:45	22/05/24		
Lab ID	848509029	865862925	882146112	835774111	835349545		
Status	Fasting	Fasting	Fasting	Fasting	Fasting		
Cholesterol	*6.3	*6.9	*6.6	*6.1	*6.7	mmol/L	(< 5.5)
Triglycerides	0.9	0.8	0.9	0.8	0.9	mmol/L	(< 2.0)
HDL Chol.	2.1	*2.4	*2.2	2.1	2.4	mmol/L	(> 1.2)
LDL Chol.	*3.8	*4.1	*4.0	*3.6	*3.9	mmol/L	(< 3.0)
Non-HDL Chol.			*4.0	*4.0	*4.3	mmol/L	(< 4.0)

Comment on Lab ID 835349545

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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25-OH Vitamin D

Date	17/06/11	27/09/12	14/10/14	23/05/16	Current Result 22/05/24	Units	Reference
Time	07:20	08:10	06:40	08:10	08:15		
Lab ID	209859017	238486720	265975655	273839361	835349545		
Vitamin D	58	78	67	74	74	nmol/L	(50-140)

Comment on Lab ID 835349545

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.

Haemoglobin A1c

HbA1c (IFCC)	35	mmol/mol (20-38)
HbA1c (NGSP)	5.3	% (4.0-5.6)

Comment

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.