

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

Dr Ramasamy Muthukrishnan M3248
KINGSWOOD MED CTR
SUITE 3
149 GREAT WESTERN HIGHWAY
KINGSWOOD NSW 2747

Dr A Allen
Dr M Al-Sharrah
Dr R Armstrong
Dr T Bailey
Dr K Baumgart
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Dr A Broadbent
Dr J Burchett
Dr G Caldwell
Dr A Cheah
Dr S Chong
Prof S Clark
Adj Prof A Coleman
Dr S Corbett-Sims
Dr C Day
Adj Prof W Delprado
Dr C Ho
Dr D Kozlovskaya
Dr J Loh
Dr J Loh
Dr S Lyne
Dr J Macdonald
Dr M Jones
Dr A Khan
Dr L Kien
Dr C Kien
Dr N Latta
Dr R Liang
Adj Prof K Lee
Dr R Livingston
Dr F Lynch
Adj Prof F Maclean
Dr K Macleod
Dr R Macdonald
Dr K Macleod
Dr G Macleod
Dr G Macleod
Dr E Morris
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Adj Prof E Myint
Dr M Nandipati
Dr S Nandipati
Dr K Nandipati
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Dr V Thiruvallan
Dr J Turchini
Adj Prof J Turner
Dr A Vassallo-Nunzi
Adj Prof C Vargas
Dr M Vassallo-Nunzi
Dr C Wong
Dr J Wu
Dr M Yoon
Dr K Yoon
Dr K Yoon
Dr K Yoon

Antonia ZAPPIA

Lab ID 854967718

121 Fifth Ave
Llandilo 2747

DOB 19/06/1974 (50 Yrs)

Gender female

Ph 0414252758

Patient

Antonia ZAPPIA

Lab ID 854967718

121 Fifth Ave

Llandilo 2747

DOB 19/06/1974 (50 Yrs)

Gender female

Ph 0414252758

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Haematology	16/04/22	21/04/22	24/10/22	05/10/23	Current Result	Units	Reference
Date	09:21	13:39	11:25	08:13	09:38		
Time	09:21	13:39	11:25	08:13	09:38		
Lab ID	869574602	869413140	884244097	835925241	854967718		
Haemoglobin	123	136	135	142	129	g/L	(119-160)
RCC	4.0	4.5	4.5	4.7	4.2	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.36	0.41	0.40	0.42	0.37		(0.35-0.48)
MCV	91	92	90	89	89	fL	(80-100)
MCH	30.9	30.2	30.3	30.5	31.0	pg	(27.0-32.0)
MCHC	342	329	337	342	347	g/L	(310-360)
RDW	12.3	12.7	12.1	12.6	12.2		(10.0-15.0)
WCC	10.4	9.7	10.5	8.8	4.9	x10 ⁹ /L	(4.0-11.0)
Neutrophils	5.45	5.60	2.13	4.39	2.70	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	4.11	3.29	1.08	1.91	1.79	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.69	0.66	0.26	0.42	0.33	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.12	0.08	1.01	0.05	0.02	x10 ⁹ /L	(0.0-0.5)
Basophils	0.04	0.09	0.03	0.05	0.03	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	331	340	249	274	245	x10 ⁹ /L	(150-450)
ESR	4	5	10	5	5	mm/h	(1-30)

Comment on Lab ID 854967718
Full blood count is within reference limits

Biochemistry	21/04/22	24/10/22	05/10/23	18/03/24	Current Result	Units	Reference
Date	13:39	11:25	08:13	11:26	09:38		
Time	13:39	11:25	08:13	11:26	09:38		
Lab ID	869413140	884244097	835925241	837211243	854967718		
Status		Fasting	Fasting		Fasting		
Sodium	142	140	137	139	138	mmol/L	(135-145)
Potassium	4.0	3.8	3.8	4.6	4.2	mmol/L	(3.5-5.5)
Chloride	101	104	104	104	105	mmol/L	(95-110)
Bicarbonate	28	26	24	27	25	mmol/L	(20-32)
Urea	4.7	2.6	4.0	4.1	4.5	mmol/L	(3.0-8.0)
Creatinine	55	55	60	55	60	umol/L	(45-85)
eGFR	>90	>90	>90	>90	>90	mL/min/1.73m2	(>60)
Bili. Total	12	7	19	8	8	umol/L	(3-15)
ALP	61	66	68	70	61	U/L	(20-105)
GGT	21	17	15	14	14	U/L	(5-35)
LD	195	216	184	254	177	U/L	(120-250)
AST	23	25	23	32	21	U/L	(10-35)
ALT	34	14	15	24	17	U/L	(5-30)
Total Protein	69	78	76	78	69	g/L	(64-83)
Albumin	44	49	48	49	45	g/L	(36-47)
Globulin	25	29	28	29	24	g/L	(23-39)
Cholesterol		5.4	5.8		5.4	mmol/L	(<5.5)
Triglycerides		1.2	1.8		0.9	mmol/L	(<2.0)

Comment on Lab ID 854967718
eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

Glucose	26/05/21	16/04/22	24/10/22	05/10/23	Current Result	Units	Reference
Date	10:41	09:21	11:25	08:13	09:38		
Time	10:41	09:21	11:25	08:13	09:38		
Lab ID	861884930	869574602	884244097	835925241	854967718		
F Gluc Plasma	4.3	4.1	5.0	4.3	4.7	mmol/L	(3.6-6.0)

Surgery Use

☐ Normal

☐ No Action

☐ Contact Patient

☐ See Patient

☐ See

☐ Contact

☐ Treat

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The Royal College of Pathologists
Accredited for
with NATA
and ISO
NATA Accredited

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Dr Ramasamy Muthukrishnan

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---/PEN/---/PEN

Dr A. Alende Dr S. Denevito Dr G. Hart Dr L. Litch Dr S. Patterson Dr N. Taylor
Dr M. Al-Shinnag Dr S. Day Dr J. Hanley Dr T. Lynch Dr V. Thirumangan
Dr B. Armstrong Dr J. Proby Dr T. Harvey Dr M. Maclean Dr V. Thirumangan
Dr T. Bailey Dr J. Ding Dr A. Madhoo Dr M. Maclean Dr V. Thirumangan
Dr R. Baumgart Dr J. Proby Dr A. Madhoo Dr M. Maclean Dr V. Thirumangan
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Dr J. Blazewski Dr J. Proby Dr A. Madhoo Dr M. Maclean Dr V. Thirumangan
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Dr N. Taylor Dr J. Proby Dr A. Madhoo Dr M. Maclean Dr V. Thirumangan

Antonia ZAPPIA

Lab ID: 854967718

Your Ref:

121 Pitt St

Requested: 21/10/2024

Llandudno 2747

Collected: 21/10/2024 09:38

DOB: 19/06/1974 (50 Yrs)

Received: 24/10/2024 09:41

Gender: Female

Printed: 25/10/2024 12:04

Ph: 0414252758

25-OH Vitamin D

Date	26/05/21	16/04/22	24/10/22	05/10/23	Current Result	Units	Reference
Time	10:41	09:21	11:25	08:13	24/10/24		
Lab ID	861884930	869574602	884244097	835925241	09:38		
Vitamin D	62	61	120	70	854967718	nmol/L	(50-140)

Comment on Lab ID 854967718

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.

HbA1c

Date	03/07/20	26/05/21	24/10/22	05/10/23	Current Result	Units	Reference
Time	11:00	10:41	11:25	08:13	24/10/24		
Lab ID	844599799	861884930	884244097	835925241	09:38		
HbA1c (IFCC)	30	32			854967718	mmol/mol	(20-38)
HbA1c	4.9	5.1				%	(4.0-5.6)
HbA1c (IFCC)			32	33	33	mmol/mol	(20-38)
HbA1c (NGSP)			5.1	5.1	5.2	%	(4.0-5.6)

Comment on Lab ID 854967718

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.

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---/---/PEN/---/PEN

Patient

Lab ID : 854967718

Your Ref :

121 Fifth Ave

Requested : 21/10/2024

Llandilo 2747

Collected : 24/10/2024 09:3

DOB 10/

Received : 24/10/2024 09:4

DOB : 19/06/1971
Gender : Female

Printed : 25/10/2024 12:0

Ph 0414252758

Comment on Lab ID 854967718

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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Dr I Burchett Dr A Burchett Dr A Khan Dr A Khan Dr P Maclean Dr P Maclean
Dr G Caldwell Dr T Fuchs Dr L Killeen Dr L Killeen Dr P Maclean Dr P Maclean
Dr A Chish Dr M Galea Dr C Kunk Dr C Kunk Dr P Maclean Dr P Maclean
Dr C Chir Dr M Galea Dr C Kunk Dr C Kunk Dr P Maclean Dr P Maclean
Prof F Clark Dr G Clifford Dr R Lall Dr R Lall Dr P Maclean Dr P Maclean
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Dr Ramasamy Muthukrishnan

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Antonia ZAPPIA

Lab ID: 854967718

121 Fifth Ave
Llandilo: 2747

DOB: 19/06/1974 (50 Yrs)
Gender: Female
Ph: 0414252758

Requested: 21/10/2024
Collected: 24/10/2024 09:38
Received: 24/10/2024 09:40
Printed: 25/10/2024 12:00

Reproductive Hormones
(Abbott Method)

FSH 73.2 IU/L
LH 46.5 IU/L
Oestradiol < 80 pmol/L
Progesterone < 0.5 nmol/L

Comment

FSH	Basal	1.5 - 10
	Mid cycle peak	7.0 - 22
	Post-menopausal	25 - 130
LH	Basal	2.0 - 12
	Mid cycle peak	8.0 - 90
	Post-menopausal	5.0 - 62
Oestradiol	Follicular phase	< 320
	Preovulatory phase	450 - 2000
	Luteal phase	125 - 1300
	Post-menopausal	< 170
Progesterone	Follicular phase	0.3 - 4.0
	Luteal phase	5.5 - 90.0
	Midluteal	8.5 - 110.0
	Post-menopausal	< 2.6

Combined results consistent with ovarian hypofunction.