



Specialist Pathologists

Dr E Ahn	Assoc Prof H Coleman	Dr P Guzman	Dr C Lim	Dr J Newcombe	Dr M Roman
Dr A Allende	Dr S Corbett-Burns	Dr G Hall	Dr L Lin	Dr I Ngu	Dr E Sinclair
Dr T Bailey	Dr O Cranio	Dr F Hanly	Assoc Prof F Maclean	Dr H Ogilvie	Dr V Stoermer
Dr K Baumgart	Dr S Danielello	Dr T Harvey	Dr Y Matthews	Dr J Ortiz	Dr K Tan
Dr E Bernal	Adj Prof W Delprado	Dr R Haskell	Dr K McKenzie	Dr S Paterson	Dr N Taylor
Dr C Biro	Dr J Ding	Dr C Ho	Dr R McKinley	Assoc Prof N Pathmanathan	Dr V Thiru, Wangam
Dr J Blackwell	Dr F D'Souza	Dr L Ho	Dr K Merrick	Dr M Paul	Dr C Trebeck
Adj Prof F Bonar	Dr M Dubosq	Dr V Howard	Dr D Moir	Dr J Pickett	Dr J Turchini
Dr A Broadfoot	Dr M Edwards	Dr S Hyne	Dr O Mokgwathi	Assoc Prof J Quin	Assoc Prof J Turner
Dr I Burchett	Dr S Fairly	Adj Prof R Jaworski	Dr R Montgomery	Dr D Reddy	Dr A Varallo-Nunez
Dr J Burn	Adj Prof A Farnsworth	Dr J Jiang	Dr S Moran	Dr J Reddy	Assoc Prof C Vargas
Dr G Caldwell	Dr M Galea	Dr M Jones	Dr E Morris	Dr R Reynolds	Dr M Wehrhahn
Dr I Chambers	Dr G Gifford	Dr R Laing	Dr A Muljono	Dr G Rhodes	Dr C Wong
Dr A Chesh	Dr C Goldschmidt	Dr E Lee	Dr E Myint	Dr J Roberts	Dr J Wu
Prof S Clark	Dr M Gorj	Dr R Livingston	Dr K Nejad	Dr M Rodriguez	Dr K Young

Specialist Pathologists (02) 9855 5150 Toll free 1800 222 365
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Douglas Hanly Moir Pathology Pty Limited ABN 80 003 332 858,
a subsidiary of Sonic Healthcare Limited ABN 24 004 196 909 APA 906

Dr James Pendergast

56 HILLS STREET
GOSFORD NSW 2250

P1805

GOS/---/---/---/---

Ref by: Dr J Webster Ph: 0243581107
LAKE MUNMORAH DRS SURGERY, 678-680 Pacific Highway
(Cnr Queens Road), LAKE MUNMORAH 2259

Thomas ADDISON

Lab ID : **850002610** Your Ref : 18272

135 Elizabeth Bay Dr
Lake Munmorah 2259

DOB : 12/03/2003 (18 Yrs)
Sex : Male
Ph : 0401065247

Patient

Requested : 19/11/2020
Collected : 11/06/2021 13:55
Received : 11/06/2021 20:30
Printed : 22/06/2021 06:48

Metals, Blood

Date	11/12/17	Current Result	Units	Reference
Time		11/06/21		
Lab ID	266965295	13:55		
ZINC	11	850002610		
		12	umol/L	(10-18)

**Surgery
Use**

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Copies: Dr J Webster

Ph: 0243581107

Patient

Thomas ADDISON

Lab ID : 850002597

Your Ref :

135 Elizabeth Bay Dr
Lake Munmorah 2259

Requested : 29/10/2020

Collected : 11/06/2021 13:55

Received : 11/06/2021 20:31

DOB : 12/03/2003 (18 Yrs)

Printed : 16/06/2021 06:48

Sex : Male

Ph : 0401065247

Coeliac Serology

Deamidated Gliadin IgA	5	U/mL	(<15)
Deamidated Gliadin IgG	<1	U/mL	(<15)
Tissue Transglutaminase IgA	<1	U/mL	(<15)
Tissue Transglutaminase IgG	<1	U/mL	(<15)

Comment

Performed on Bioplex 2200. This detects selective IgA deficiency (<0.07 g/L), an additional comment will be attached if detected.

In persons eating wheat (most days, last six weeks), negative serology effectively excludes coeliac disease/dermatitis herpetiformis. One elevated marker may occur without disease whereas two or more elevated (at four times the cutoff level) markers strongly predict coeliac disease which can be confirmed by biopsy.

Serology becomes negative on gluten free diet (6-9 months for IgA-deam gliadin and IgA-tTG, 9-15 months for IgG-deam gliadin and IgG-tTG). Without compliance, coeliac markers rise. Coeliac tissue-typing excludes coeliac disease risk by excluding HLA-DQ2 or DQ8 in persons with discordant serology or discordant serology-biopsy findings.

Biochemistry	Date	Current Result	Units	Reference
Date	11/12/17	11/06/21		
Time		13:55		
Lab ID	266965295	850002597		
Status		Unknown		
Sodium	138	141	mmol/L	(135-145)
Potassium	4.5	4.3	mmol/L	(3.5-5.5)
Chloride	105	104	mmol/L	(95-110)
Bicarbonate	22	*18	mmol/L	(20-32)
Urea	4.4	4.5	mmol/L	(3.0-7.5)
Creatinine	60	85	umol/L	(60-110)
eGFR		>90	mL/min/1.73m ²	(>59)
Bili.Total		8	umol/L	(4-20)
ALP		106	U/L	(60-200)
GGT		29	U/L	(5-50)
LD		182	U/L	(120-250)
AST		27	U/L	(10-40)
ALT		25	U/L	(5-40)
Total Protein		69	g/L	(65-85)
Albumin		41	g/L	(39-50)
Globulin		28	g/L	(23-39)
Cholesterol		4.9	mmol/L	(3.9-5.5)
Triglycerides		*2.1	mmol/L	(0.5-1.7)

Comment on Lab ID 850002597

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

Thyroid Function	Date	Current Result	Units	Reference
Date	11/03/05	16/01/08		
Time	14:10	10:50		
Lab ID	63998281	94601803		
TSH	3.34	2.14	mIU/L	(0.40-3.50)
Free T4		13.3	pmol/L	(9.0-19.0)

Surgery Use

☐ Normal

☐ No Action

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DOB : 12/03/2003 (18 Yrs)

Sex : Male

Ph : 0401065247

25-OH Vitamin D

Vitamin D 90 nmol/L (50-140)

Comment

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.

Surgery
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No Action



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DOB : 12/03/2003 (18 Yrs)
Sex : Male
Ph : 0401065247

Haematology

Date	11/03/05	16/01/08	11/12/17	11/06/21	Current Result	Units	Reference
Time	14:10	10:50		13:55	13:55		
Lab ID	63998281	94601803	266965295	850002597	850002610		
Haemoglobin	*138	143	150	165	165	g/L	(130-180)
RCC	4.83	4.84	5.0	5.2	5.2	x10 ¹² /L	(4.5-6.5)
Haematocrit	0.39	0.43	0.45	0.47	0.47		(0.39-0.54)
MCV	79.9	88.2	90	91	91	fL	(80-100)
MCH	28.6	29.5	30.1	32.0	32.0	pg	(27.0-32.0)
MCHC	358	335	334	353	353	g/L	(310-360)
RDW			13.7	13.7	13.7		(10.0-15.0)
WCC	7.3	5.7	5.9	5.2	5.2	x10 ⁹ /L	(4.0-11.0)
Neutrophils	3.0	1.8	2.72	3.64	3.64	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	3.3	3.1	2.26	1.09	1.09	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.8	0.5	0.73	0.39	0.39	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.2	0.1	0.06	0.01	0.01	x10 ⁹ /L	(0.0-0.5)
Basophils	0.1	0.2	0.12	0.11	0.11	x10 ⁹ /L	(0.0-0.3)
NRBC			<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	512	450	377	355	355	x10 ⁹ /L	(150-450)

Comment on Lab ID 850002610
Full blood count is within reference limits

Iron Studies

Date	06/01/05	11/03/05	11/03/05	11/12/17	Current Result	Units	Reference
Time	14:00	14:10	14:10		13:55		
Lab ID	64286958	63998281	63998282	266965295	850002610		
Iron	5.2	7.7	7.7	9.8	15.6	umol/L	(5.0-30.0)
Transferrin	2.6	2.4	2.4	2.3	2.4	g/L	(2.0-3.2)
TIBC (Calc)	58	54	54	52	54	umol/L	(46-70)
Saturation	*9	*14	*14	19	29	%	(10-45)
Ferritin	*15	42	42	25	88	ug/L	(30-300)

B12/Folate/RCE

Date	06/01/05	11/12/17	Current Result	Units	Reference
Time	14:00		13:55		
Lab ID	64286958	266965295	850002610		
Vitamin B12		232	414	pmol/L	(135-650)
Vitamin B12	287			pmol/L	(145-637)
S.Fol (Abbott)		29.9	36.8	nmol/L	(>7.0)
RBC Fol (Roche)	*2669			nmol/L	(776-1784)

Comment on Lab ID 850002610
From 8 March 2014, active B12 (holotranscobalamin) testing will be performed on all patients with low or equivocal (at or below 340 pmol/L) total B12 results. Both tests are eligible for a Medicare rebate under these circumstances.

Surgery Use

☐ Normal

☐ No Action

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Ph: 0298555336

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Haematocrit	0.39	0.43	0.45	0.47		(0.39-0.54)
MCV	79.9	88.2	90	91	fL	(80-100)
MCH	28.6	29.5	30.1	32.0	pg	(27.0-32.0)
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Comment on Lab ID 850002597

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