

THIRLWALL, JORDANA
26 WARRINGAH ST, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
Your Reference: 00150791 Lab Reference: 248232789-I-I073
Laboratory: dhm
Addressee: DR NICHOLA DUNN Referred by: DR NICHOLA DUNN

Name of Test: GLIADIN/TTG
Requested: 11/03/2016 Collected: 11/03/2016 Reported: 13/03/2016
12:22

Clinical Notes: LAST FEW DAYS JOINT PAIN AND SWELLING HANDS FEET WRISTS
ANKLES KNEES ELBOWS

Clinical Notes : LAST FEW DAYS JOINT PAIN AND SWELLING HANDS
FEET WRISTS ANKLES KNEES ELBOWS

Coeliac Serology

Deamidated Gliadin IgA	6	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 on Lab ID 248232789

From 03/06/2013, all requests for coeliac serology will be analysed by a multiplex assay which simultaneously detects deamidated gliadin IgA and IgG as well as tissue transglutaminase IgA and IgG antibodies. All four results are reported regardless of request and if selective IgA deficiency is detected (<0.07 g/L) which would render IgA-based serology non-informative this is also reported.

In a person eating wheat, the presence of one positive antibody may occur without coeliac disease while multiple positive antibodies strongly predict coeliac disease which should be confirmed by biopsy. For monitoring coeliac disease, IgA antibodies may become negative after 6-9 months of gluten restriction while IgG antibodies may take 9-12 months; persistent positive serology suggests non-compliance. Risk of coeliac disease may be effectively excluded if HLA-DQ2 or HLA-DQ8 are not detected in persons with discordant serology or positive family history. Endomysial IgA antibodies can be performed on request but we believe they have limited clinical utility with our new deamidated gliadin and TTG assays.

Supervising Pathologist: KB

NATA Accreditation No 2178

Tests Completed: RF, LFT, CT, C, UCR, E, sGlu, PO4, UA, FE STUDIES, CA, CRP, TSH, FBC, ESR, GLIADIN/TTG, IgA, MSU

Tests Pending : DNA, ANA, CCP, ENA CHARACTERISATION, ENA SCREEN

Sample Pending :

THIRLWALL, JORDANA
26 WARRINGAH ST, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
Your Reference: 00152152 Lab Reference: 248232041-G-G640
Laboratory: dhm
Addressee: DR NICHOLA DUNN Referred by: DR NICHOLA DUNN
Copy to:
DR ALLISON MALCOLM

Name of Test: Coeliac HLA DR/DQ
Requested: 29/03/2016 Collected: 29/03/2016 Reported: 01/04/2016
13:22

Clinical Notes: RECURRENT INFECTIONS GLOBULIN TENDS TO BE LOW IRRITABLE
BOWEL SYMPTOMS

Clinical Notes : RECURRENT INFECTIONS GLOBULIN TENDS TO BE
LOW IRRITABLE BOWEL SYMPTOMS

HLA DR/DQ Genotyping for Coeliac Disease

Specimen type	EDTA blood
Method	Detection of sequence-specific
oligonucleotides	(Gen-Probe).
HLA-DR	
DRB1	3,12 03,12
HLA-DQ	
HLA-DQA1	2,7 05,05
HLA-DQB1	02,0301
Interpretation	Genotype susceptible for coeliac disease
detected.	
DRB1*03-DQA1*05-DQB1*02	Heterozygous for the
	haplotype, which is consistent with the DQ2
	phenotype.

Comment on Lab ID 248232041

More than 95% of persons with coeliac disease have either HLA-DQ2 or
HLADQ8. Not all persons with these phenotypes will develop coeliac disease.

Appropriate genetic counselling should accompany testing and further
testing of other genetic risk factors is recommended.

Best practice suggests that all genetic tests are repeated on a separately
collected specimen to identify any potential errors in specimen collection,
testing or reporting (although such events are rare). Repeat testing is
especially recommended if the results will impact significantly on clinical
management or if the results are inconsistent with family history, clinical
features or other laboratory results.

Supervising Pathologist: Dr.Karl Baumgart

NATA Accreditation No 2178

Tests Completed: Protein, Coeliac HLA DR/DQ, IgG, IgM, PEPG

Tests Pending :
Sample Pending :

THIRLWALL, JORDANA
 26 WARRINGAH ST, NORTH BALGOWLAH. 2093
 Phone: 0417541720
 Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
 Your Reference: 653346630 Lab Reference: 266351086-E-E031
 Laboratory: dhm
 Addressee: DR PENELOPE ADAMS Referred by: DR PENELOPE ADAMS
 Copy to: JORDANA THIRLWALL

Name of Test: Thyroid Function
 Requested: 20/11/2017 Collected: 20/11/2017 Reported: 21/11/2017
 04:52

Clinical Notes : Menorrhagia

TFT						
Date	20/11/17		11/03/16	11/03/16	16/05/13	
Time	13:14		10:25	10:15	10:00	
Lab ID	266351086 Units	Reference	248232789	273627993		

277139496

TSH..	1.28	mIU/L	(0.40-3.50)	0.93	0.93	1.76
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Comments on Collection 20/11/17 1314:

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: Iron(s), TSH(s), FBC(e)
 Tests Pending :
 Sample Pending :

THIRLWALL, JORDANA
 26 WARRINGAH ST, NORTH BALGOWLAH. 2093
 Phone: 0417541720
 Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
 Your Reference: 663938497 Lab Reference: 268283646-H-H902
 Laboratory: dhm
 Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Haematology
 Requested: 06/03/2018 Collected: 06/03/2018 Reported: 06/03/2018
 14:52

Clinical Notes : NO HISTORY

HAEMATOLOGY

Date	11/03/16	20/11/17	18/12/17	06/03/18		
Time	1025	1314	Unkn	1106		
Lab ID	248232789	266351086	267994416	268283646	Units	Reference
Haemoglobin	123	120	L 118	127	g/L	(119-160)
RCC	4.1	4.0	4.1	4.3	x10 ¹² /L	(3.8-5.8)
Haematocrit (0.35-0.48)	0.38	0.37	0.38	0.39		
MCV	92	93	93	90	fL	(80-100)
MCH (27.0-32.0)	30.1	29.7	29.0	29.4	pg	
MCHC	326	321	312	328	g/L	(310-360)
RDW (10.0-15.0)	12.5	13.1	13.0	12.8		
WCC	5.4	6.6	5.4	4.9	x10 ⁹ /L	(4.0-11.0)
Neutrophils	3.64	3.58	2.95	2.34	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.18	2.32	1.88	1.95	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.37	0.44	0.36	0.50	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.13	0.17	0.17	0.07	x10 ⁹ /L	(0.0-0.5)
Basophils	0.03	0.06	0.05	0.03	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	216	226	221	189	x10 ⁹ /L	(150-450)
ESR	14		6	10	mm/h	(1-23)

Comments on Collection 06/03/18 1106:
 Full blood count is within reference limits

Supervising Pathologist: FH

NATA Accreditation No 2178

Tests Completed: FBC(e), ESR(e)

Tests Pending : Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s), Glu(s),
 Phos(s), UA(s), Iron(s), Ca(s), Active B12(s)

Sample Pending :

THIRLWALL, JORDANA
 26 WARRINGAH ST, NORTH BALGOWLAH. 2093
 Phone: 0417541720
 Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
 Your Reference: 663938497 Lab Reference: 268283646-C-C141
 Laboratory: dhm
 Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Biochemistry
 Requested: 06/03/2018 Collected: 06/03/2018 Reported: 06/03/2018
 15:22

Clinical Notes : NO HISTORY

BIOCHEMISTRY

Date	11/03/16	29/03/16	18/12/17	06/03/18		
Time	1025	1008	Unkn	1106		
Lab ID	248232789	248232041	267994416	268283646	Units	Reference
Status	Random		Unknown	Random		
Sodium	139		140	139	mmol/L	(135-145)
Potassium	4.4		L 3.3	4.0	mmol/L	(3.5-5.5)
Chloride	105		104	103	mmol/L	(95-110)
Bicarbonate	24		26	28	mmol/L	(20-32)
Urea	6.2		4.6	4.6	mmol/L	(2.5-7.0)
Creatinine	65		75	70	umol/L	(45-85)
eGFR	>90		>90	>90	mL/min/1.73m2	(>59)
Urate	0.30			0.37	mmol/L	
(0.15-0.40)						
Calcium	2.29			2.25	mmol/L	
(2.15-2.55)						
Corr Calcium	2.33			2.27	mmol/L	
(2.15-2.55)						
Phosphate.	1.25			0.92	mmol/L	(0.8-1.5)
Bili.Total	9		7	6	umol/L	(3-15)
ALP	31		36	38	U/L	(20-105)
GGT	7		8	10	U/L	(5-35)
LD	187		191	162	U/L	(120-250)
AST	14		17	20	U/L	(10-35)
ALT	11		10	19	U/L	(5-30)
Total Protein	L 62	70	68	69	g/L	(68-85)
Albumin	41		43	42	g/L	(37-48)
Globulin	L 21		25	27	g/L	(23-39)
Cholesterol	L 3.7			4.4	mmol/L	(3.9-5.5)
Triglycerides	1.2			1.1	mmol/L	(0.5-1.7)

Comments on Collection 06/03/18 1106:

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

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: LFT(s), Lipids(s), Cr(s), UCreat(s), E(s), Glu(s), Phos(s),

UA(s),Ca(s),FBC(e),ESR(e)
Tests Pending : Fol(s),Iron(s), Active B12(s)
Sample Pending :

THIRLWALL, JORDANA
26 WARRINGAH ST, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
Your Reference: 663938497 Lab Reference: 268283646-C-C924
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Glucose
Requested: 06/03/2018 Collected: 06/03/2018 Reported: 06/03/2018
15:22

Clinical Notes : NO HISTORY

GLUCOSE

Date	11/03/16	11/03/16	18/12/17	06/03/18		
Time	1015	1025	Unkn	1106		
Lab ID	273627993	248232789	267994416	268283646	Units	Reference
R Gluc Plasma			6.4		mmol/L	(3.6-7.8)
R Gluc Serum	4.5	4.5		4.4	mmol/L	(3.6-7.8)

Comments on Collection 06/03/18 1106:

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: LFT(s), Lipids(s), Cr(s), UCreat(s), E(s), Glu(s), Phos(s),
UA(s), Ca(s), FBC(e), ESR(e)

Tests Pending : Fol(s), Iron(s), Active B12(s)

Sample Pending :

THIRLWALL, JORDANA
26 WARRINGAH ST, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
Your Reference: 663938497 Lab Reference: 268283646-E-H246
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: B12/Folate/RCF
Requested: 06/03/2018 Collected: 06/03/2018 Reported: 06/03/2018
16:52

Clinical Notes : NO HISTORY

VIT B12 & FOLATE

Date	15/10/08	01/07/10	18/12/17	06/03/18		
Time	1220	1030	Unkn	1106		
Lab ID	98361140	203905801	267994416	268283646	Units	Reference
Vitamin B12			331		pmol/L	(135-650)
Vitamin B12	345	368			pmol/L	(145-637)
S.Fol (Abbott)			29.1	30.8	nmol/L	(>7.0)
RBC Fol (Roche)	1455				nmol/L	(776-1784)

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s), Glu(s),
Phos(s), UA(s), Ca(s), Active B12(s), FBC(e), ESR(e)

Tests Pending : Iron(s)

Sample Pending :

THIRLWALL, JORDANA
26 WARRINGAH ST, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
Your Reference: 663938497 Lab Reference: 268283646-C-E348
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Active B12(s)
Requested: 06/03/2018 Collected: 06/03/2018 Reported: 06/03/2018
16:52

Clinical Notes : NO HISTORY

Date	18/12/17	06/03/18		
Time	Unkn	1106		
Lab ID	267994416	268283646	Units	Reference
Active B12	>128	>128	pmol/L	(>35)

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s), Glu(s),
Phos(s), UA(s), Ca(s), Active B12(s), FBC(e), ESR(e)
Tests Pending : Iron(s)
Sample Pending :

THIRLWALL, JORDANA
 26 WARRINGAH ST, NORTH BALGOWLAH. 2093
 Phone: 0417541720
 Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
 Your Reference: 663938497 Lab Reference: 268283646-C-C151
 Laboratory: dhm
 Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Iron Studies
 Requested: 06/03/2018 Collected: 06/03/2018 Reported: 06/03/2018
 17:22

Clinical Notes : NO HISTORY

IRON

Date	11/03/16	20/11/17	18/12/17	06/03/18		
Time	1025	1314	Unkn	1106		
Lab ID	248232789	266351086	267994416	268283646	Units	Reference
Iron	7.9	6.2	27.9	9.8	umol/L	(5.0-30.0)
Transferrin	2.5	2.9	2.9	2.8	g/L	(2.0-3.6)
TIBC (Calc)	56	64	64	62	umol/L	(46-77)
Saturation	14	10	44	16	%	(10-45)
Ferritin	36	16	L 13	L 11	ug/L	(15-200)

Comments on Collection 06/03/18 1106:

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s), Glu(s),
 Phos(s), UA(s), Iron(s), Ca(s), Active B12(s), FBC(e), ESR(e)
 Tests Pending :
 Sample Pending :

THIRLWALL, JORDANA
26 WARRINGAH ST, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
Your Reference: 663938570 Lab Reference: 244136755-D-D067
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ
Name of Test: PATHOGEN PCR FAECES
Requested: 06/03/2018 Collected: 10/03/2018 Reported: 12/03/2018
13:52

Clinical Notes : NO HISTORY

Faecal pathogen PCR

Specimen Type	Faeces
Bacteria:	
Campylobacter species	Not Detected
Salmonella species	Not Detected
Shigella species	Not Detected
Yersinia enterocolitica	Not Detected
Aeromonas species	Not Detected
Parasites:	
Giardia lamblia	Not Detected
Cryptosporidium species	Not Detected
Dientamoeba fragilis	Not Detected
Entamoeba histolytica	Not Detected
Blastocystis species	Not Detected

Comment on Lab ID 244136755

Supervising Pathologist: IC

NATA Accreditation No 2178

Tests Completed: PATHOGEN PCR FAECES
Tests Pending :
Sample Pending :

THIRLWALL, JORDANA
 26 WARRINGAH ST, NORTH BALGOWLAH. 2093
 Phone: 0417541720
 Birthdate: 30/03/1982 Sex: F Medicare Number: 2535280456
 Your Reference: 663938497 Lab Reference: 268283646-C-C151
 Laboratory: dhm
 Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Iron Studies
 Requested: 06/03/2018 Collected: 06/03/2018 Reported: 06/03/2018 17:22

Clinical Notes : NO HISTORY

IRON

Date	11/03/16	20/11/17	18/12/17	06/03/18		
Time	1025	1314	Unkn	1106		
Lab ID	248232789	266351086	267994416	268283646	Units	Reference
Iron	7.9	6.2	27.9	9.8	umol/L	(5.0-30.0)
Transferrin	2.5	2.9	2.9	2.8	g/L	(2.0-3.6)
TIBC (Calc)	56	64	64	62	umol/L	(46-77)
Saturation	14	10	44	16	%	(10-45)
Ferritin	36	16	L 13	L 11	ug/L	(15-200)

Comments on Collection 06/03/18 1106:

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s), Glu(s),
 Phos(s), UA(s), Iron(s), Ca(s), Active B12(s), FBC(e), ESR(e)
 Tests Pending :
 Sample Pending :



P: 1300 688 522
E: info@nutripath.com.au
A: PO Box 442 Ashburton VIC 3142

Date of Birth : 30-Mar-1982
Sex : F
Collected : 22-Feb-2018
26 WARRINGAH STREET
NORTH BALGOWLAH NSW 2093
Lab id: **3524967** UR#: 6523628

12/50 BELLEVUE ROAD
BELLEVUE HILL NSW 2023

Faecal Multiplex PCR

PARASITIC PATHOGENS:

Giardia intestinalis:	Not Detected
Cryptosporidium species:	Not Detected
Dientamoeba fragilis:	DETECTED
Entamoeba histolytica:	Not Detected
Blastocystis species:	Not Detected

BACTERIAL PATHOGENS

Campylobacter species:	Not Detected
Salmonella species:	Not Detected
Shigella species:	Not Detected
Yersinia enterocolitica:	Not Detected
Aeromonas species:	Not Detected
Plesiomonas species:	Not Detected

Not Detected results indicate the absence of detectable DNA in this sample for the 11 enteropathogens reported.

Dientamoeba fragilis has been DETECTED by Multiplex PCR
DNA consistent with the presence of D. fragiliis has been detected using
ultra-sensitive PCR techniques.
It has been observed during this assay that the identification value of this detected
organism is reported at: 33.44

This value represents a low positive detection, it is potentially indicative of a
historical or resolving infection, including possibly the presence of dead organisms.

Dientamoeba fragiliis appears to be extremely common and may have a cosmopolitan
distribution, although there are large variations in prevalence.

Dientamoeba fragilis has been linked to intestinal symptoms, especially in children.
The most common symptoms associated with this organism are abdominal pain,
intermittent diarrhoea, bloating and anorexia.

If treatment is warranted, metronidazole for 10 days or a single 2g dose of Tinidazole
may be used. Tetracycline has also proven effective in adults.



P: 1300 688 522
E: info@nutripath.com.au
A: PO Box 442 Ashburton VIC 3142

Date of Birth : 30-Mar-1982
Sex : F
Collected : 22-Feb-2018
26 WARRINGAH STREET
NORTH BALGOWLAH NSW 2093
Lab id: **3524967** UR#: 6523628

12/50 BELLEVUE ROAD
BELLEVUE HILL NSW 2023

MICROBIOLOGY

STOOL, SPOT

Result	Range	Units
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FAECES SPECIMEN

STOOL - MICROSCOPY DAY 1

MACROSCOPIC DESCRIPTION: Semiformed

MICROSCOPY

POLYMORPHS: Nil

RBC.....: Nil

EIA Antigen: Giardia and Cryptosporidium NOT detected.

DETECTED: Dientamoeba fragilis trophozoites: +

STOOL CULTURE DAY 1

NO ENTERIC PATHOGENS ISOLATED.





Patient

Ms Alexandra Middleton

NUTRITIONIST

UNIT 12

50 BELLEVUE ROAD

BELLEVUE HILL NSW 2023

M21055

COR/---/---/---/---

Jordana THIRLWALL

Lab ID : **268283622** Your Ref :

26 Warringah St
North Balgowlah 2093

Requested : 06/03/2018

Collected : 06/03/2018 11:06

Received : 06/03/2018 11:06

Printed : 08/03/2018 06:33

DOB : 30/03/1982 (35 Yrs)

Sex : Female

Ph : 0417541720

Thyroid Function

TSH 0.99 mIU/L (0.40-3.50)
Free T4 12.5 pmol/L (9.0-19.0)
Free T3 3.3 pmol/L (2.6-6.0)

Comment

Euthyroid values.

Thyroid Autoantibodies

Thyroglobulin Ab 1.6 IU/mL (<4.1)
Thyroid Peroxidase Ab 0.5 IU/mL (<5.6)

Comment

From 06/09/17, Thyroid antibodies will be measured by the Abbott Architect (not Immulite) method and reported with new reference intervals.

Methylene Tetrahydrofolate Reductase Gene Mutation

MTHFR c.665C>T Not Detected
MTHFR c.1286A>C Homozygous

Comment

Homozygosity for the c.1286A>C variant is not associated with disease. This finding is of little clinical significance (Genet. Med. 15, 153-6, 2013).

Note new nomenclature: c.665C>T was previously C677T and c.1286A>C was previously A1298C.

*conversion issue!
→ stress (cortisol) ✓
→ estrogen ✓
→ heavy metals
→ iodine, zinc, se deficiency
→ too much copper*

Surgery Use

☐

Normal

☐

No Action

☐

Contact Patient

☐

See Patient

☐

See File

☐

Continue Treatment

Signed

Date



Mrs Jordana Thirlwall
26 WARRINGAH ST
NORTH BALGOWLAH NSW 2093

Ref bDr R Neville

Ph: 0299691633

003

Patient

Jordana THIRLWALL

Lab ID : **281926062** Your Ref : **00234557**

26 Warringah St
North Balgowlah 2093
DOB : 30/03/1982 (36 Yrs)
Sex : Female
Ph : 0417541720
Requested : 28/05/2018
Collected : 29/05/2018 09:18
Received : 29/05/2018 09:19
Printed : 31/05/2018 09:52

Cardiolipin Ab

Date	18/12/17	Current Result	Units	Reference
Time	09:18			
Lab ID	267994416	281926062		
ACL IgG	<1.6	<1.6	U/mL	(<20)
B2GP1 IgG	<1.4	<1.4	U/mL	(<20)
ACL IgM	3.4	4.1	U/mL	(<20)

Comment on Lab ID 281926062

Interpretation	(U/mL)
Negative	0-19
Low Positive	20-39
Moderate Positive	40-79
High Positive	>80

Most patients with Anti-Phospholipid Syndrome (thrombosis, recurrent foetal loss, thrombocytopenia and phospholipid Abs) have moderate to high IgG cardiolipin levels; IgM Abs are less specific. B2GP1 IgG Abs are more specific and less sensitive. The lupus anticoagulant test may detect other phospholipid Abs. Diagnosis of APS requires persistence of phospholipid Abs for more than 12 weeks confirmed by repeat testing.

Haematology

Date	11/03/16	20/11/17	18/12/17	06/03/18	Current Result	Units	Reference
Time	10:25	13:14		11:06	09:18		
Lab ID	248232789	266351086	267994416	268283646	281926062		
Haemoglobin	123	120	*118	127	119	g/L	(119-160)
RCC	4.1	4.0	4.1	4.3	3.9	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.38	0.37	0.38	0.39	0.37		(0.35-0.48)
MCV	92	93	93	90	93	fL	(80-100)
MCH	30.1	29.7	29.0	29.4	30.2	pg	(27.0-32.0)
MCHC	326	321	312	328	324	g/L	(310-360)
RDW	12.5	13.1	13.0	12.8	12.9		(10.0-15.0)
WCC	5.4	6.6	5.4	4.9	5.9	x10 ⁹ /L	(4.0-11.0)
Neutrophils	3.64	3.58	2.95	2.34	4.08	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.18	2.32	1.88	1.95	1.36	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.37	0.44	0.36	0.50	0.25	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.13	0.17	0.17	0.07	0.14	x10 ⁹ /L	(0.0-0.5)
Basophils	0.03	0.06	0.05	0.03	0.02	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	216	226	221	189	208	x10 ⁹ /L	(150-450)
ESR	14		6	10		mm/h	(1-23)

Comment on Lab ID 281926062

Full blood count is within reference limits

CRP (High Sens)

Date	11/03/16	18/12/17	Current Result	Units	Reference
Time	10:25		09:18		
Lab ID	248232789	267994416	281926062		
CRP	4.5	<0.4	*9.2	mg/L	(0.0-5.0)

Surgery Use

☐ Normal

☐ No Action

☐ Contact Patient

☐ See Patient

☐ See File

☐ Continue Treatment

☐ Signed

☐ Date



DOUGLASS HANLY MOIR PATHOLOGY

Quality is in our DNA

14 Giffnock Avenue, Macquarie Park, NSW, AUSTRALIA 2113

Results: (02) 9855 5100 Pathologists: (02) 9855 5150

Toll Free: 1800 222 365 All Hours: (02) 9855 5222

Douglas Hanly Moir Pathology Pty Limited ABN 80 003 332 858

Specialist Pathologists

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Dr A Allende
Dr T Baillie
Dr K Baumgart
Dr E Bernal
Dr C Biro
Dr J Blackwell
Adj Prof F Bonar
Dr A Broadfoot
Dr I Burchett
Dr J Burn
Dr G Caldwell
Dr I Chambers
Dr A Cheah

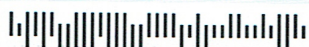
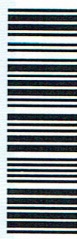
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Dr O Crainic
Dr S Danieleto
Adj Prof W Delprado
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Dr M Dubosq
Dr M Edwards
Dr S Fairy
Adj Prof A Farnsworth
Dr W Feibel
Dr M Galea
Dr C Goldschmidt

Dr M Gorji
Dr P Guzman
Dr G Hall
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Dr C Vargas
Dr M Wehrhahn
Dr C Wong
Dr J Wu
Dr K Young



003

Mrs Jordana Thirlwall

26 WARRINGAH ST
NORTH BALGOWLAH NSW 2093

Ref bDr R Neville

Ph: 0299691633

Patient

Jordana THIRLWALL

Lab ID : **281926062** Your Ref : **00234557**

26 Warringah St
North Balgowlah 2093

Requested : 28/05/2018
Collected : 29/05/2018 09:18
Received : 29/05/2018 09:19
Printed : 01/06/2018 09:51

DOB : 30/03/1982 (36 Yrs)
Sex : Female
Ph : 0417541720

dsDNA

Date	11/03/16	18/12/17	Current Result
Time	10:25		09:18
Lab ID	248232789	267994416	281926062
ds-DNA (RIA)	< 5	< 5	< 5

Units

Reference

IU/mL

(0-6)

Surgery Use

☐ Normal

☐ No Action

☐ Contact Patient

☐ See Patient

☐ See File

☐ Continue Treatment

Signed

Date

RCPA **NATA**
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Accredited for compliance
with NPAAC Standards
and ISO 15189
NATA Accreditation No. 2178

Tests Completed: RF(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s), Glu(p), Phos(s), UA(s), Ca(s), CRP(s), ds-DNA Ab
Lupus report, FBC(e), ANCA(s), ANA(s), CCP(s), ENA Screen(s), CLA(s). **FINAL REPORT**
Clinical Notes: elbows, hands, wrists swollen, with fatigue and rash

Supervising Pathologist: KB



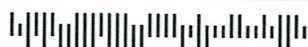
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Douglas Moir Pathology Pty Limited ABN 80 003 332 588

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003

Mrs Jordana Thirlwall

26 WARRINGAH ST
NORTH BALGOWLAH NSW 2093

Ref bDr R Neville

Ph: 0299691633

Patient

Jordana THIRLWALL

Lab ID : **281926062** Your Ref : **00234557**

26 Warringah St
North Balgowlah 2093

Requested : 28/05/2018

Collected : 29/05/2018 09:18

Received : 29/05/2018 09:19

Printed : 31/05/2018 09:52

DOB : 30/03/1982 (36 Yrs)

Sex : Female

Ph : 0417541720

Lupus Anticoagulant

Lupus Anticoagulant-Dilute Russell Viper Venom Time (DRVVT)

Patient DRVVT	44	s	(32-46)
Control DRVVT	36	s	
Ratio	1.2		
APTT Ratio	1.00		(< 1.12)

Comment

Lupus anticoagulant not detected

Biochemistry

Date	11/03/16	29/03/16	18/12/17	06/03/18	Current Result 29/05/18	Units	Reference	Surgery Use
Time	10:25	10:08		11:06	09:18			
Lab ID	248232789	248232041	267994416	268283646	281926062			
Status	Random		Unknown	Random	Fasting			
Sodium	139		140	139	139	mmol/L	(135-145)	☐
Potassium	4.4		*3.3	4.0	4.4	mmol/L	(3.5-5.5)	Normal
Chloride	105		104	103	105	mmol/L	(95-110)	
Bicarbonate	24		26	28	28	mmol/L	(20-32)	
Urea	6.2		4.6	4.6	4.0	mmol/L	(2.5-7.0)	
Creatinine	65		75	70	65	umol/L	(45-85)	No Action
eGFR	>90		>90	>90	>90	mL/min/1.73m2	(> 59)	
Urate	0.30			0.37	0.25	mmol/L	(0.15-0.40)	
Calcium	2.29			2.25	*2.14	mmol/L	(2.15-2.55)	Contact Patient
Corr Calcium	2.33			2.27	2.18	mmol/L	(2.15-2.55)	
Phosphate	1.25			0.92	0.99	mmol/L	(0.8-1.5)	
Bili.Total	9		7	6	12	umol/L	(3-15)	
ALP	31		36	38	37	U/L	(20-105)	
GGT	7		8	10	8	U/L	(5-35)	See Patient
LD	187		191	162	160	U/L	(120-250)	
AST	14		17	20	15	U/L	(10-35)	
ALT	11		10	19	9	U/L	(5-30)	
Total Protein	*62	70	68	69	*67	g/L	(68-85)	See File
Albumin	41		43	42	41	g/L	(37-48)	
Globulin	*21		25	27	26	g/L	(23-39)	
Cholesterol	*3.7			4.4	4.7	mmol/L	(3.9-5.5)	
Triglycerides	1.2			1.1	0.7	mmol/L	(0.5-1.7)	Continue Treatment

Comment on Lab ID 281926062

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

Glucose

Date	11/03/16	11/03/16	18/12/17	06/03/18	Current Result 29/05/18	Units	Reference	Signed
Time	10:15	10:25		11:06	09:18			
Lab ID	273627993	248232789	267994416	268283646	281926062			
F Gluc Plasma					5.0	mmol/L	(3.6-6.0)	Date
R Gluc Plasma			6.4			mmol/L	(3.6-7.8)	
R Gluc Serum	4.5	4.5		4.4		mmol/L	(3.6-7.8)	

Comment on Lab ID 281926062

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.

Tests Completed: RF(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s), Glu(p), Phos(s), UA(s), Ca(s), CRP(s), Lupus report, FBC(e)

Clinical Notes: ANCA(s), ANA(s), CCP(s), ENA Screen(s), CLA(s). Pending: ds-DNA Ab

elbows, hands, wrists swollen, with fatigue and rash

Supervising Pathologist: FH, GC, NT

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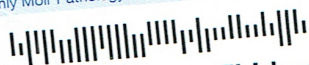
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Ref bDr R Neville

003

Ph: 0299691633

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Patient

Jordana THIRLWALL

Lab ID : 281926062 Your Ref : 00234557

26 Warringah St
North Balgowlah 2093

Requested : 28/05/2018
Collected : 29/05/2018 09:18
Received : 29/05/2018 09:19
Printed : 31/05/2018 09:52
DOB : 30/03/1982 (36 Yrs)
Sex : Female
Ph : 0417541720

Rheumatoid Factor

Date 11/03/16
Time 10:25
Lab ID 248232789

Current Result
29/05/18
09:18
281926062
9

Units

Reference

IU/mL

(<16)

Rheumatoid Factor <6

Cyclic Citrullinated Peptide Antibodies

CCP Abs <5 U/mL (<5)

Comment

Cyclic citrullinated peptide (CCP) antibodies occur in 70% of patients with rheumatoid arthritis. Significant elevations may precede detectable rheumatoid factor and identify earlier, more active disease.

Antinuclear Antibodies

ANA

Not Detected

Comment

(Screened at a titre of 80)

Antibodies to Extractable Nuclear Antigen (ENA)

SS-A 60	Negative
SS-B	Negative
Ro-52	Negative
Scl-70	Negative
Jo-1	Negative
Cenp-B	Negative
Sm	Negative
RNP	Negative
Ribo-P	Negative

Anti-Neutrophil Cytoplasmic Antibodies

ANCA Screen Negative

Surge
Use

Norm

No Ac

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Tests Completed: RF(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s), Glu(p), Phos(s), UA(s), Ca(s), CRP(s), Lupus report, FBC(e)
Clinical Notes: ANCA(s), ANA(s), CCP(s), ENA Screen(s), CLA(s). Pending: ds-DNA Ab
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Supervising Pathologist: GC, NT, KB
Page