

Dr Rodney Lopez
0464588H

03/07/2018

Dr Nitin Gupta
Suite 2, Level 2
66 High Street
Randwick 2031

Ph (02) 8999 1101
Fax (02) 8089 1106

Dear Nitin,

Re: Benjamin Thirlwall
DOB: 10/01/2014
Address: 26 Warringah Street
North Balgowlah 2093
Ph:

Thank you for seeing Benjamin, age 4 yrs, for an opinion and management. Benjamin has been suffering from lethargy for 12 months, soft stools frequently, light coloured stools that float suggesting malabsorption. He was having Oats every morning and when mum ceased this, the stools seemed to have improved a little. He has had two coeliac tests done with over a 4-fold increase in tTg and a positive Endomysial Ab. I have printed out his results for you. Thank you for assessing him and advising his mum as to what needs to be done next to make a diagnosis of Coeliac Disease.

Past History

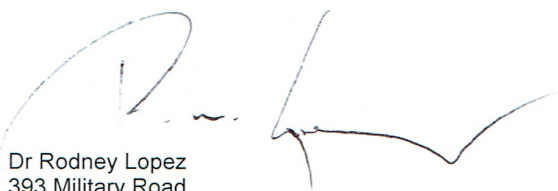
03/09/2015	Dermoid cyst Febrile convulsions
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Current Medications

Allergies

Nil known.

Yours faithfully


Dr Rodney Lopez
393 Military Road
Mosman 2088

** Please note The Mosman Practice now uses ARGUS*



THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-I-I073
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Gliadin/TTG(s)
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018 12:52

Clinical Notes : lethargy persistant diarrhoea

Coeliac Serology

Deamidated Gliadin IgA	<1	U/mL	(	<15)
Deamidated Gliadin IgG	7	U/mL	(	<15)
Tissue Transglutaminase IgA	H 22	U/mL	(	<15)
Tissue Transglutaminase IgG	<1	U/mL	(	<15)

Comment on Lab ID 244179097

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: B12(s), Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s),
Glu(s), Phos(s), UA(s), Iron(s), Ca(s), Lipase(s), CRP(s),
Vit D(s), TSH(s), FBC(e), ESR(e), Gliadin/TTG(s), IgA(s)
Tests Pending : Mys(s)
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 674746350 Lab Reference: 281927133-I-I073
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Gliadin/TTG(s)
Requested: 22/06/2018 Collected: 22/06/2018 Reported: 23/06/2018 04:23

Clinical Notes : NO HISTORY

Coeliac Serology

Deamidated Gliadin IgA	1	U/mL	(	<15)
Deamidated Gliadin IgG	8	U/mL	(	<15)
Tissue Transglutaminase IgA	H 99	U/mL	(	<15)
Tissue Transglutaminase IgG	8	U/mL	(	<15)

Comment on Lab ID 281927133

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: Gliadin/TTG(s)
Tests Pending : Mys(s)
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 674746350 Lab Reference: 281927133-I-I907
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Coeliac Serology
Requested: 22/06/2018 Collected: 22/06/2018 Reported: 25/06/2018 15:52

Clinical Notes : NO HISTORY

Coeliac Serology

Endomysial IgA Abs * Detected
Comment on Lab ID 281927133

These results are suggestive of, but not diagnostic of coeliac disease/dermatitis herpetiformis. Small bowel biopsy recommended, if clinically indicated, to confirm diagnosis. Tissue transglutaminase (tTG) and deamidated gliaden IgA /IgG antibodies are a more sensitive and specific screening test for coeliac disease/dermatitis herpetiformis.

Supervising Pathologist: KB

NATA Accreditation No 2178

Tests Completed: Mys(s), Gliadin/TTG(s)
Tests Pending :
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 663938677 Lab Reference: 244136779-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	* 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 244136779	

Shigella species detected by PCR.
Shigella species share close genetic relatedness with enteroinvasive strains of E. coli (EIEC). This genetic similarity may cause false-positive PCR results and definitive diagnosis of shigellosis therefore requires culture confirmation.
If shigellosis is confirmed by culture, antibiotic treatment is recommended (treatment options include ciprofloxacin, norfloxacin or trimethoprim+sulfamethoxazole). If shigellosis is not confirmed, a diarrhoeal illness in association with a positive Shigella PCR result is likely to be caused by EIEC. This is generally a self-limiting illness for which treatment is not indicated.

This is a notifiable result which has been communicated to the relevant State Health Department.

Supervising Pathologist: IC

NATA Accreditation No 2178

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

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 663938677 Lab Reference: 244136779-M-M373
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: FMCS
Requested: 06/03/2018 Collected: 10/03/2018 Reported: 15/03/2018
12:22

Clinical Notes : NO HISTORY

Faeces Examination

Specimen 1
Collection date 13-Mar-2018

Appearance Semi formed

Microscopy
Concentrate No ova, cysts or parasites seen.

Faecal Antigens
Cryptosporidium Ag Not Detected
Giardia Ag Not Detected

Culture No Salmonella, Shigella or Campylobacter
isolated.

Supervising Pathologist: IC

NATA Accreditation No 2178

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

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-H-H902
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Haematology
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 15/05/2018
21:52

Clinical Notes : lethargy persistant diarrrohea

Haematology

Haemoglobin	138	g/L	(105 - 145)
Red cell count	5.1	x10 ¹² /L	(3.7 - 5.7)
Haematocrit	0.40		(0.32 - 0.45)
MCV	79	fL	(70 - 90)
MCH	27.2	pg	(24.0 - 30.0)
MCHC	344	g/L	(310 - 360)
RDW	13.1		(10.0 - 15.0)
White cell count	11.2	x10 ⁹ /L	(5.0 - 15.0)
Neutrophils	5.00	x10 ⁹ /L	(1.5 - 8.5)
Lymphocytes	4.80	x10 ⁹ /L	(1.5 - 10.0)
Monocytes	0.96	x10 ⁹ /L	(0.0 - 1.3)
Eosinophils	0.37	x10 ⁹ /L	(0.0 - 0.8)
Basophils	0.10	x10 ⁹ /L	(0.0 - 0.3)
NRBC	<1.0	/100 WBC	(<1)
Platelets	291	x10 ⁹ /L	(150 - 600)
ESR	3	mm/h	(1 - 15)

Comment on Lab ID 244179097

Full blood count is within reference limits

Supervising Pathologist: FH

NATA Accreditation No 2178

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

Tests Pending : B12(s), Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s),
Glu(s), Phos(s), UA(s), Iron(s), Ca(s), Lipase(s), CRP(s),
Vit D(s), TSH(s), Mys(s), Gliadin/TTG(s), IgA(s)

Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-E-H246
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: B12/Folate/RCF
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018
04:22

Clinical Notes : lethargy persistant diarrrohea

Vitamin B12 and Folate

Vitamin B12	388	pmol/L	(135 - 650)
Serum Folate	29.5	nmol/L	(>7.0)

Comment on Lab ID 244179097

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.

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s),Fol(s),LFT(s),Lipids(s),Cr(s),UCreat(s),E(s),
Glu(s),Phos(s),UA(s),Iron(s),Ca(s),CRP(s),Vit D(s),
TSH(s),FBC(e),ESR(e),IgA(s)
Tests Pending : Lipase(s),Mys(s),Gliadin/TTG(s)
Sample Pending :

THIRLWALL, BENJAMIN
 26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
 Phone: 0417541720
 Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
 Your Reference: 670956812 Lab Reference: 244179097-C-C141
 Laboratory: dhm
 Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Biochemistry
 Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018
 04:22

Clinical Notes : lethargy persistant diarrrohea

Biochemistry

Status	Random		
Sodium	140	mmol/L	(132 - 145)
Potassium	4.2	mmol/L	(3.5 - 5.5)
Chloride	107	mmol/L	(95 - 110)
Bicarbonate	23	mmol/L	(21 - 31)
Urea	5.8	mmol/L	(2.5 - 6.5)
Creatinine	H 55	umol/L	(20 - 45)
Urate	0.23	mmol/L	(0.10 - 0.30)
Calcium	2.38	mmol/L	(2.25 - 2.65)
Corrected Calcium	2.38	mmol/L	(2.25 - 2.60)
Phosphate	1.55	mmol/L	(1.0 - 1.9)
Total Bilirubin	4	umol/L	(4 - 20)
Alk Phos	256	U/L	(120 - 300)
Gamma GT	10	U/L	(5 - 20)
LDH	271	U/L	(150 - 350)
AST	32	U/L	(15 - 45)
ALT	15	U/L	(5 - 30)
Total Protein	65	g/L	(63 - 79)
Albumin	43	g/L	(37 - 48)
Globulin	22	g/L	(21 - 35)
Cholesterol	L 3.4	mmol/L	(3.9 - 5.5)
Triglycerides	1.1	mmol/L	(0.5 - 1.7)
Comment on Lab ID 244179097			

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s),Fol(s),LFT(s),Lipids(s),Cr(s),UCreat(s),E(s),
 Glu(s),Phos(s),UA(s),Iron(s),Ca(s),CRP(s),Vit D(s),
 TSH(s),FBC(e),ESR(e),IgA(s)
 Tests Pending : Lipase(s),Mys(s),Gliadin/TTG(s)
 Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-C-C924
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: _Glucose
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018
04:22

Clinical Notes : lethargy persistant diarrrohea

Glucose

Glucose Random 5.3 mmol/L (3.6 - 7.8)
Comment on Lab ID 244179097

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s),
Glu(s), Phos(s), UA(s), Iron(s), Ca(s), CRP(s), Vit D(s),
TSH(s), FBC(e), ESR(e), IgA(s)
Tests Pending : Lipase(s), Mys(s), Gliadin/TTG(s)
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-C-C151
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Iron Studies
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018
04:22

Clinical Notes : lethargy persistant diarrrohea

Iron Studies

Iron	20.2	umol/L	(5.0 - 30.0)
Transferrin	3.1	g/L	(2.0 - 3.2)
TIBC (Calculated)	68	umol/L	(46 - 70)
Saturation	30	%	(10 - 45)
Ferritin	22	ug/L	(20 - 200)

Comment on Lab ID 244179097

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s),
Glu(s), Phos(s), UA(s), Iron(s), Ca(s), CRP(s), Vit D(s),
TSH(s), FBC(e), ESR(e), IgA(s)
Tests Pending : Lipase(s), Mys(s), Gliadin/TTG(s)
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-C-C290
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: CRP(s)
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018
04:22

Clinical Notes : lethargy persistant diarrrohea

C Reactive Protein (High Sens)

CRP <0.4 mg/L (0.0 - 5.0)
Comment on Lab ID 244179097

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s),
Glu(s), Phos(s), UA(s), Iron(s), Ca(s), CRP(s), Vit D(s),
TSH(s), FBC(e), ESR(e), IgA(s)
Tests Pending : Lipase(s), Mys(s), Gliadin/TTG(s)
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-C-C513
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Vit D(s)
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018
04:22

Clinical Notes : lethargy persistant diarrrohea

25-OH Vitamin D

Vitamin D 80 nmol/L (50 - 140)
Comment on Lab ID 244179097

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.

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s),Fol(s),LFT(s),Lipids(s),Cr(s),UCreat(s),E(s),
Glu(s),Phos(s),UA(s),Iron(s),Ca(s),CRP(s),Vit D(s),
TSH(s),FBC(e),ESR(e),IgA(s)

Tests Pending : Lipase(s),Mys(s),Gliadin/TTG(s)

Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-E-E031
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Thyroid Function
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018
04:22

Clinical Notes : lethargy persistant diarrrohea

Thyroid Function

TSH 1.65 mIU/L (0.55 - 7.10)
Comment on Lab ID 244179097

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s),
Glu(s), Phos(s), UA(s), Iron(s), Ca(s), CRP(s), Vit D(s),
TSH(s), FBC(e), ESR(e), IgA(s)
Tests Pending : Lipase(s), Mys(s), Gliadin/TTG(s)
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-I-I301
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Immunoglobulins
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018
04:22

Clinical Notes : lethargy persistant diarrohea

Immunoglobulins

Immunoglobulin A 0.70 g/L (0.23 - 1.36)
Comment on Lab ID 244179097

Supervising Pathologist: KB

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s),
Glu(s), Phos(s), UA(s), Iron(s), Ca(s), CRP(s), Vit D(s),
TSH(s), FBC(e), ESR(e), IgA(s)
Tests Pending : Lipase(s), Mys(s), Gliadin/TTG(s)
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-C-C250
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Lipase(s)
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018
05:52

Clinical Notes : lethargy persistant diarrrohea

Lipase

Lipase 8 U/L (8 - 80)

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: B12(s),Fol(s),LFT(s),Lipids(s),Cr(s),UCreat(s),E(s),
Glu(s),Phos(s),UA(s),Iron(s),Ca(s),Lipase(s),CRP(s),
Vit D(s),TSH(s),FBC(e),ESR(e),IgA(s)
Tests Pending : Mys(s),Gliadin/TTG(s)
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-I-I073
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Gliadin/TTG(s)
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 16/05/2018
12:52

Clinical Notes : lethargy persistent diarrhoea

Coeliac Serology

Deamidated Gliadin IgA	<1	U/mL	(	<15)
Deamidated Gliadin IgG	7	U/mL	(	<15)
Tissue Transglutaminase IgA	H 22	U/mL	(	<15)
Tissue Transglutaminase IgG	<1	U/mL	(	<15)

Comment on Lab ID 244179097

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: B12(s), Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s),
Glu(s), Phos(s), UA(s), Iron(s), Ca(s), Lipase(s), CRP(s),
Vit D(s), TSH(s), FBC(e), ESR(e), Gliadin/TTG(s), IgA(s)
Tests Pending : Mys(s)
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 670956812 Lab Reference: 244179097-I-I907
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Coeliac Serology
Requested: 15/05/2018 Collected: 15/05/2018 Reported: 17/05/2018
15:52

Clinical Notes : lethargy persistant diarrrohea

Coeliac Serology

Endomysial IgA Abs * Detected
Comment on Lab ID 244179097

These results are suggestive of, but not diagnostic of coeliac disease/dermatitis herpetiformis. Small bowel biopsy recommended, if clinically indicated, to confirm diagnosis. Tissue transglutaminase (tTG) and deamidated gliaden IgA /IgG antibodies are a more sensitive and specific screening test for coeliac disease/dermatitis herpetiformis.

Supervising Pathologist: KB

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), Cr(s), UCreat(s), E(s),
Glu(s), Phos(s), UA(s), Iron(s), Ca(s), Lipase(s), CRP(s),
Vit D(s), TSH(s), FBC(e), ESR(e), Mys(s), Gliadin/TTG(s), IgA(s)
Tests Pending :
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 674746350 Lab Reference: 281927133-I-I073
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Gliadin/TTG(s)
Requested: 22/06/2018 Collected: 22/06/2018 Reported: 23/06/2018
04:23

Clinical Notes : NO HISTORY

Coeliac Serology

Deamidated Gliadin IgA	1	U/mL	(	<15)
Deamidated Gliadin IgG	8	U/mL	(	<15)
Tissue Transglutaminase IgA	H 99	U/mL	(	<15)
Tissue Transglutaminase IgG	8	U/mL	(	<15)

Comment on Lab ID 281927133

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: Gliadin/TTG(s)
Tests Pending : Mys(s)
Sample Pending :

THIRLWALL, BENJAMIN
26 WARRINGAH STREET, NORTH BALGOWLAH. 2093
Phone: 0417541720
Birthdate: 10/01/2014 Sex: M Medicare Number: 2535280456
Your Reference: 674746350 Lab Reference: 281927133-I-I907
Laboratory: dhm
Addressee: DR RODNEY LOPEZ Referred by: DR RODNEY LOPEZ

Name of Test: Coeliac Serology
Requested: 22/06/2018 Collected: 22/06/2018 Reported: 25/06/2018
15:52

Clinical Notes : NO HISTORY

Coeliac Serology

Endomysial IgA Abs * Detected
Comment on Lab ID 281927133

These results are suggestive of, but not diagnostic of coeliac disease/dermatitis herpetiformis. Small bowel biopsy recommended, if clinically indicated, to confirm diagnosis. Tissue transglutaminase (tTG) and deamidated gliaden IgA /IgG antibodies are a more sensitive and specific screening test for coeliac disease/dermatitis herpetiformis.

Supervising Pathologist: KB

NATA Accreditation No 2178

Tests Completed: Mys(s), Gliadin/TTG(s)
Tests Pending :
Sample Pending :