



**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

Douglass Hanly Moir Pathology Pty Limited ABN 80 003 332 858

Specialist Pathologists

Dr E Alvi	Prof S Clark	Dr M Gorji	Dr R Laing	Dr E Myint	Prof P Russell
Dr A Alende	Dr S Corbett-Burns	Dr P Guzman	Dr R Levingston	Dr K Nejed	Dr E Sinclair
Dr T Baillo	Dr O Crane	Dr G Hall	Dr C Lim	Dr J Newcombe	Dr V Stoecker
Dr K Baumgart	Dr S Danileto	Dr F Hanly	Dr L Lin	Dr I Ngai	Prof G Suthers
Dr E Bernal	Adj Prof W Delprado	Dr T Harvey	Dr F Maclean	Dr H Ogle	Dr N Taylor
Dr C Bero	Dr J Ding	Dr R Haskell	Dr Y Matthews	Dr S Pathman	Dr V Thiruvallangam
Dr J Blackwell	Dr F D'Souza	Dr C Ho	Dr R McKinley	Assoc Prof N Pathmanathan	Dr C Trebeck
Adj Prof F Bonar	Dr M Dubosq	Dr L Ho	Dr K Milne	Dr M Paul	Dr J Turner
Dr A Broadfoot	Dr M Edwards	Dr V Howard	Dr D Mohr	Dr J Reddy	Dr A Virello-Nunez
Dr I Burchett	Dr S Fairly	Dr S Hyne	Dr O Mokgwini	Dr G Rhodes	Dr C Vargas
Dr J Burn	Adj Prof A Farnsworth	Adj Prof R Jaworski	Dr R Montgomery	Dr S Roberts	Dr M Wehrhahn
Dr G Caldwell	Dr W Feibel	Dr D Jensen	Dr S Moran	Dr E Morris	Dr C Wong
Dr I Chambers	Dr M Galea	Dr K Johnson	Dr E Morris	Dr M Rodriguez	Dr J Wu
Dr A Cheah	Dr C Goldschmidt	Dr M Jones	Dr A Mujono	Dr M Romani	Dr K Young



003

Patient

Master Hilton Alexander Sinton

44 ABBOTT RD
NORTH CURL CURL NSW 2099

Ref bpr J Thomson

Ph: 0299691633

Hilton Alexander SINTON

Lab ID : 297227655 Your Ref : 112353

44 Abbott Rd
North Curl Curl 2099

Requested : 29/05/2019
Collected : 29/05/2019 13:40
Received : 29/05/2019 16:21
Printed : 31/05/2019 09:49

DOB : 16/01/2008 (11 Yrs)
Sex : Male
Ph : 0434071231

Blood Type ?

Haematology

Haemoglobin	133	g/L	(115-160)
Red cell count	4.9	$\times 10^{12}/L$	(3.8-5.4)
Haematocrit	0.40		(0.34-0.48)
MCV	82	fL	(75-95)
MCH	27.4	pg	(25.0-33.0)
MCHC	333	g/L	(310-360)
RDW	13.1		(10.0-15.0)
White cell count	8.7	$\times 10^9/L$	(4.5-13.5)
Neutrophils	3.35	$\times 10^9/L$	(1.8-8.0)
Lymphocytes	3.03	$\times 10^9/L$	(1.2-5.2)
Monocytes	0.68	$\times 10^9/L$	(0.0-1.1)
Eosinophils	* 1.59	$\times 10^9/L$	(0.0-0.8)
Basophils	0.03	$\times 10^9/L$	(0.0-0.3)
NRBC	< 1.0	/100 WBC	(< 1)
Platelets	440	$\times 10^9/L$	(150-450)
ESR	3	mm/h	(1-15)

Comment
Moderate eosinophilia
? Allergies ? Parasites

C Reactive Protein (High Sens)

CRP < 0.4 mg/L (0.0-5.0)

Biochemistry

Status	Unknown	
Sodium	138	mmol/L (132-145)
Potassium	4.2	mmol/L (3.5-5.5)
Chloride	103	mmol/L (95-110)
Bicarbonate	24	mmol/L (21-31)
Urea	6.4	mmol/L (2.5-6.5)
Creatinine	55	umol/L (30-60)
Urate	0.27	mmol/L (0.13-0.35)
Calcium	2.43	mmol/L (2.25-2.65)
Corrected Calcium	2.37	mmol/L (2.25-2.60)
Phosphate	1.62	mmol/L (1.0-1.9)
Total Bilirubin	8	umol/L (4-20)
Alk Phos	* 367	U/L (120-350)
Gamma GT	15	U/L (5-20)
LDH	257	U/L (120-300)
AST	28	U/L (10-40)
ALT	23	U/L (5-30)
Total Protein	77	g/L (65-80)
Albumin	46	g/L (39-49)
Globulin	31	g/L (22-36)
Cholesterol	4.1	mmol/L (3.9-5.5)
Triglycerides	1.5	mmol/L (0.5-1.7)

max activity in alkaline env -> indicator -> HC

leaky gut / malabs.

15-2 = Anion Gap.

*Note
Blood type O + B
have naturally
higher levels of
ALP
=> O's deal better w/
meat.*

Surgery Use

- ☐ Normal
- ☐ No Action
- ☐ Contact Patient
- ☐ See Patient
- ☐ See File
- ☐ Continue Treatment
- ☐ Signed
- ☐ Date

URCPA
NATA
Accredited for compliance
with NISAC Standards
and ISO 15189
NATA Accreditation No. 2178

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

Clinical Notes: IgE(s), D1, E5, GX2. **FINAL REPORT**
CHRONIC COUGH / ALLERGY

Supervising Pathologist: FH, GC, NT



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Glucose

Glucose Random 5.4 mmol/L (3.6-7.8)

Iron Studies

Iron	11.5	umol/L	(5.0-30.0)
Transferrin	3.4	g/L	(2.0-3.2)
TIBC (Calculated)	74	umol/L	(46-70)
Saturation	16	%	(10-45)
Ferritin	43	ug/L	(20-200)

malabsorption

iron deficiency

IgE	Date	Time	Lab ID	Current Result	Units	Reference
IgE	21/10/17	09:53	189837485	29/05/19 13:40 297227655	IU/mL	(<100)
			*136	*412		

Allergy Serology

	kU/L	Class	
Dog dander	0.10	0	Negative
Dustmite	88.7	V	Very High
Grass mix	1.59	II	Moderate

(Bermuda, Perennial rye, Timothy)
(June, Johnson and Bahia grasses)

Comment

Values between 0.1 and 0.35 kU/L may be found in early, low level or resolving sensitisation. Not all sensitisations may result in clinical symptoms. The greater the sensitisation, the more likelihood of clinical significance. A higher specific IgE index (amount of allergen specific IgE/total IgE) may indicate greater clinical significance.

From November 2012, the laboratory will only accept Medicare reimbursement for requests of upto four single allergens or two mixes or two single allergens and one mix. Requests for more will be billed at \$25 and then \$5 per single allergen, \$10 per mixed allergen and \$40 per individual allergen component.

Surgery Use

☐ Normal

☐ No Action

☐ Contact Patient

☐ See Patient

☐ See File

☐ Continue Treatment

☐ Signed

☐ Date



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

Clinical Notes: IgE(s), D1, E5, GX2. **FINAL REPORT**
CHRONIC COUGH / ALLERGY

Supervising Pathologist: GC, NT, KB

SINTON, HILTON A
44 ABBOTT RD, NORTH CURL CURL. 2099
Birthdate: 16/01/2008 Sex: M Medicare Number: 2567532287
Your Reference: 710333385 Lab Reference: 299228191-G-G640
Laboratory: dhm
Addressee: DR JANE THOMSON Referred by: DR JANE THOMSON

Name of Test: Coeliac Gene(e)
Requested: 13/06/2019 Collected: 24/08/2019 Reported: 27/08/2019
14:23

Clinical Notes : assess iron status-took supplement X

HLA DR/DQ Genotyping for Coeliac Disease

Specimen type EDTA blood
Method Detection of sequence-specific
oligonucleotides (Gen-Probe).

HLA-DR 3,3
DRB1 03,03

HLA-DQ 2,6
HLA-DQA1 01,05
HLA-DQB1 02,06

Interpretation
detected.

X Genotype susceptible for coeliac disease

Heterozygous for the

DRB1*03-DQA1*05-DQB1*02

haplotype, which is consistent with the DQ2
phenotype.

Comment on Lab ID 299228191

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

Genetic test results may have significant implications for both the patient
and relatives. Corroboration of this result by reference to other clinical
or laboratory information or by repeat testing may be warranted.

NATA Accreditation No 2178

Tests Completed: Iron(s), Coeliac Gene(e), Gliadin/TTG(s)
Tests Pending :
Sample Pending :

*Grand mother
is
coeliac.*

SINTON, HILTON A
44 ABBOTT RD, NORTH CURL CURL. 2099
Birthdate: 16/01/2008 Sex: M Medicare Number: 2567532287
Your Reference: 710333385 Lab Reference: 299228191-I-I073
Laboratory: dhm
Addressee: DR JANE THOMSON Referred by: DR JANE THOMSON

Name of Test: Gliadin/TTG(s)
Requested: 13/06/2019 Collected: 24/08/2019 Reported: 25/08/2019
04:22

Clinical Notes : assess iron status-took supplement

Coeliac Serology

Deamidated Gliadin IgA	<1	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 299228191					

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.

Supervising Pathologist: KB

NATA Accreditation No 2178

Tests Completed: Iron(s), Gliadin/TTG(s)
Tests Pending : Coeliac Gene(e)
Sample Pending :

SINTON, HILTON A
44 ABBOTT RD, NORTH CURL CURL. 2099
Birthdate: 16/01/2008 Sex: M Medicare Number: 2567532287
Your Reference: 710333385 Lab Reference: 299228191-C-C151
Laboratory: dhm
Addressee: DR JANE THOMSON Referred by: DR JANE THOMSON

Name of Test: Iron Studies
Requested: 13/06/2019 Collected: 24/08/2019 Reported: 24/08/2019
18:52

Clinical Notes : assess iron status-took supplement

IRON				
Date	24/08/19			29/05/19
Time	11:02			13:40
Lab ID	299228191	Units	Reference	297227655
Iron	16.9	umol/L	(5.0-30.0)	11.5
Transferrin	3.1	g/L	(2.0-3.2)	H 3.4
TIBC (calculate	68	umol/L	(46-70)	H 74
Saturation	25	%	(10-45)	16
Ferritin	66	ug/L	(20-200)	43

Comments on Collection 24/08/19 1102:

Supervising Pathologist: GC, NT

NATA Accreditation No 2178

Tests Completed: Iron(s)
Tests Pending : Coeliac Gene(e), Gliadin/TTG(s)
Sample Pending :