



LAB ID 881507785 DOB 23/08/1997 (24Y Female)

Referring Doctor Dr Prarthana Packiam

Your ref. 881507785

Address 8 Reach St
THE PONDS NSW 2769

Phone (614) 3208 8310

Requested 22 Jul 2022

Collected 23 Jul 2022 09:49 am

Received 23 Jul 2022 09:51 am

Reported 27 Jul 2022 09:55 am

Dr Prarthana Packiam

Merindah Med Ctr

40 Merindah Road

BAULKHAM HILLS NSW 2153

P12513

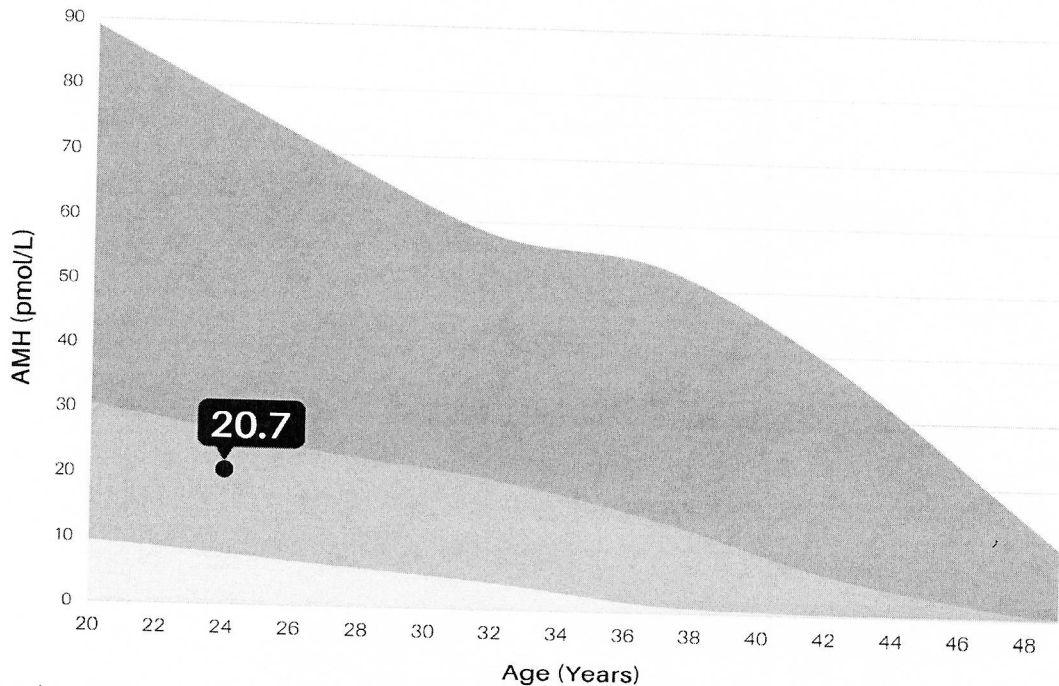
CHL/---/---/---

Copy to Ms Alexandra Middleton 0410 503 376

Anti-Mullerian Hormone (AMH)

Marker of Ovarian Follicle Reserve

Collected	Test	Result	Units
23 Jul 2022 09:49 am	AMH	20.7	pmol/L



Assay used: Anti Mullerian H Snp

Specimen collected: Serum

REFERENCE: ☐ < 2.5th percentile ☐ 2.5th-50th percentile ☐ 50th-97.5th percentile ☐ > 97.5th percentile

Test performed by Sullivan Nicolaides Pathology, a member of the Sonic Healthcare Group.

Page 1 of 1

Results (02) 9855 5100

Pathologists (02) 9855 5150 | All Hours (02) 9855 5222 | Toll Free 1800 222 365

Douglass Hanly Moir Pathology Pty Limited | ABN 80 003 332 858

14 Giffnock Avenue, Macquarie Park NSW 2113

A member of the Sonic Healthcare Group

NATA Accreditation No 2178



Accredited for compliance with NPAAC standards and ISO 15189



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Jessica Soborski

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SOBANSKI, JESSICA
 8 REACH ST, THE PONDS. 2769
 Phone: 61432088310
 Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
 Your Reference: Lab Reference: 881507785-H- HAEM VIRTUAL
 Laboratory: Douglass Hanly Moir Pathology eOrder
 Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
 Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Haematology
 Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
 16:22

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

HAEMATOLOGY

Date	08/08/13	15/04/20	02/06/22	23/07/22		
Time F-Fast	0736	0800	1310	0949 F		
Lab ID	242220990	843906136	881506808	881507785	Units	Reference
Haemoglobin	138	145	129	129	g/L	(119-160)
RCC	4.6	4.6	4.3	4.3	x10 ¹² /L	(3.8-5.8)
Haematocrit (0.35-0.48)	0.43	0.44	0.39	0.40		
MCV	95	95	93	93	fL	(80-100)
MCH (27.0-32.0)	30.3	31.3	30.4	29.9	pg	
MCHC	319	330	328	323	g/L	(310-360)
RDW (10.0-15.0)	13.4	12.8	12.9	12.4		
WCC	5.5	5.1	6.9	4.9	x10 ⁹ /L	(4.0-11.0)
Neutrophils	2.08	2.29	4.30	2.66	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	2.47	2.18	2.04	1.61	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.52	0.49	0.46	0.49	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.39	0.12	0.04	0.09	x10 ⁹ /L	(0.0-0.5)
Basophils	0.04	0.04	0.04	0.03	x10 ⁹ /L	(0.0-0.3)
NRBC		<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	296	341	339	333	x10 ⁹ /L	(150-450)
ESR			9	10	mm/h	(1-17)

Comments on Collection 23/07/22 0949 F:
 Full blood count is within reference limits

NATA Accreditation No 2178

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

Tests Pending : CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
 C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
 TFT(s), Insulin(s), Active B12(s), HbA1c Diag(e),
 IGF-1(s), CortAM(s), AMH(s), Coeliac Gene(e), ANA(s),
 Gliadin/TTG(s), ENA Screen(s), IgA(s), IgG(s), IgM(s)

Sample Pending :

SOBANSKI, JESSICA
 8 REACH ST, THE PONDS. 2769
 Phone: 61432088310
 Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
 Your Reference: Lab Reference: 881507785-C- Glucose
 Laboratory: Douglass Hanly Moir Pathology eOrder
 Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
 Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Glucose
 Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
 17:22

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

GLUCOSE

Date	08/08/13	02/06/22	23/07/22		
Time F-Fast	0736	1310	0949 F		
Lab ID	242220990	881506808	881507785	Units	Reference
			4.3	mmol/L	(3.6-6.0)
F Gluc Plasma				mmol/L	(3.6-7.7)
R Gluc Plasma	4.7	4.5			

NATA Accreditation No 2178

Tests Completed: Glu(p), FBC(e), ESR(e)
 Tests Pending : CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
 C(s), UCreat(s), E(s), Iron(s), CRP(s), Vit D(s), TFT(s),
 Insulin(s), Active B12(s), HbA1c Diag(e), IGF-1(s),
 CortAM(s), AMH(s), Coeliac Gene(e), ANA(s),
 Gliadin/TTG(s), ENA Screen(s), IgA(s), IgG(s), IgM(s)
 Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-E-E498
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Tumour Markers
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
17:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Biomarkers

Cancer Antigen 125 10 U/mL (<36)

Comment on Lab ID 881507785

CA 125 is within reference limits. A normal result does not exclude neoplasia.

NATA Accreditation No 2178

Tests Completed: CA125(s), DHEAS(s), LFT(s), Lipids(s), C(s), UCreat(s),
E(s), Glu(p), CRP(s), FBC(e), ESR(e)

Tests Pending : CPLS(s), Fol(s), Iron(s), Vit D(s), TFT(s), Insulin(s),
Active B12(s), HbA1c Diag(e), IGF-1(s), CortAM(s),
AMH(s), Coeliac Gene(e), ANA(s), Gliadin/TTG(s),
ENA Screen(s), IgA(s), IgG(s), IgM(s)

Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-E-Hormones
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Hormones
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
17:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Reproductive Hormones

(Abbott Method)
DHEAS

10.3 umol/L (2.4 - 13)

Comment on Lab ID 881507785

NATA Accreditation No 2178

Tests Completed: CA125(s), DHEAS(s), LFT(s), Lipids(s), C(s), UCreat(s),
E(s), Glu(p), CRP(s), FBC(e), ESR(e)

Tests Pending : CPLS(s), Fol(s), Iron(s), Vit D(s), TFT(s), Insulin(s),
Active B12(s), HbA1c Diag(e), IGF-1(s), CortAM(s),
AMH(s), Coeliac Gene(e), ANA(s), Gliadin/TTG(s),
ENA Screen(s), IgA(s), IgG(s), IgM(s)

Sample Pending :

SOBANSKI, JESSICA
 8 REACH ST, THE PONDS. 2769
 Phone: 61432088310
 Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
 Your Reference: Lab Reference: 881507785-C-Biochemistry
 Laboratory: Douglass Hanly Moir Pathology eOrder
 Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
 Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Biochemistry
 Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
 17:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

BIOCHEMISTRY

Date	08/08/13	15/04/20	02/06/22	23/07/22		
Time F-Fast	0736	0800	1310	0949 F		
Lab ID	242220990	843906136	881506808	881507785	Units	Reference
Status	Unknown		Random	Fasting		
Sodium	140	139	136	138	mmol/L	(135-145)
Potassium	4.6	4.2	4.4	4.1	mmol/L	(3.5-5.5)
Chloride	108	107	106	106	mmol/L	(95-110)
Bicarbonate	24	23	21	22	mmol/L	(20-32)
Urea	5.5	3.8	4.6	4.7	mmol/L	(2.5-6.5)
Creatinine	60	65	65	55	umol/L	(45-85)
eGFR		>90	>90	>90	mL/min/1.73m2	(>59)
Bili.Total			7	6	umol/L	(3-15)
ALP			41	58	U/L	(20-105)
GGT			7	12	U/L	(5-35)
LD			143	171	U/L	(120-250)
AST			18	19	U/L	(10-35)
ALT			14	21	U/L	(5-30)
Total Protein			74	73	g/L	(68-85)
Albumin			45	H 49	g/L	(37-48)
Globulin			29	24	g/L	(23-39)
Cholesterol				4.6	mmol/L	(3.9-5.5)
Triglycerides				1.0	mmol/L	(0.5-1.7)

Comments on Collection 23/07/22 0949 F:
 eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: CA125(s), DHEAS(s), LFT(s), Lipids(s), C(s), UCreat(s),
 E(s), Glu(p), CRP(s), FBC(e), ESR(e)
 Tests Pending : CPLS(s), Fol(s), Iron(s), Vit D(s), TFT(s), Insulin(s),
 Active B12(s), HbA1c Diag(e), IGF-1(s), CortAM(s),
 AMH(s), Coeliac Gene(e), ANA(s), Gliadin/TTG(s),
 Sample Pending : ENA Screen(s), IgA(s), IgG(s), IgM(s)

SOBANSKI, JESSICA
 8 REACH ST, THE PONDS. 2769
 Phone: 61432088310
 Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
 Your Reference: Lab Reference: 881507785-C-CRP
 Laboratory: Douglass Hanly Moir Pathology eOrder
 Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
 Copy to: MS ALEXANDRA MIDDLETON

Name of Test: CRP(s)
 Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
 17:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Date	08/08/13	15/04/20	02/06/22	23/07/22		
Time F-Fast	0736	0800	1310	0949 F		
Lab ID	242220990	843906136	881506808	881507785	Units	Reference
CRP	<0.4	1.1	2.4	0.6	mg/L	(0.0-5.0)

NATA Accreditation No 2178

Tests Completed: CA125(s), DHEAS(s), LFT(s), Lipids(s), C(s), UCreat(s),
 E(s), Glu(p), CRP(s), FBC(e), ESR(e)
 Tests Pending : CPLS(s), Fol(s), Iron(s), Vit D(s), TFT(s), Insulin(s),
 Active B12(s), HbA1c Diag(e), IGF-1(s), CortAM(s),
 AMH(s), Coeliac Gene(e), ANA(s), Gliadin/TTG(s),
 ENA Screen(s), IgA(s), IgG(s), IgM(s)
 Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-C-CPLS
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: CPLS(s)
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
18:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Caeruloplasmin
(Abbott Architect Method)

Caeruloplasmin 0.30 g/L (0.17 - 0.43)

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
TFT(s), Insulin(s), Active B12(s), FBC(e), ESR(e),
IgA(s), IgG(s), IgM(s)
Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s),
Sample Pending : Coeliac Gene(e), ANA(s), Gliadin/TTG(s), ENA Screen(s)

SOBANSKI, JESSICA
 8 REACH ST, THE PONDS. 2769
 Phone: 61432088310
 Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
 Your Reference: Lab Reference: 881507785-E-Vitamin B12/Folate
 Laboratory: Douglass Hanly Moir Pathology eOrder
 Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
 Copy to: MS ALEXANDRA MIDDLETON

Name of Test: B12/Folate/RCF
 Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
 18:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

VIT B12 & FOLATE

Date	19/03/12	08/08/13	02/06/22	23/07/22		
Time F-Fast	0835	0736	1310	0949 F		
Lab ID	212149009	242220990	881506808	881507785	Units	Reference
Vitamin B12		623	L 124		pmol/L	(135-650)
Vitamin B12	590				pmol/L	(145-637)
S.Fol (Abbott)			22.8	15.9	nmol/L	(>7.0)
RBC Fol (Roche)	1628	1747			nmol/L	(776-1784)

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
 C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
 TFT(s), Insulin(s), Active B12(s), FBC(e), ESR(e),
 IgA(s), IgG(s), IgM(s)
 Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s),
 Coeliac Gene(e), ANA(s), Gliadin/TTG(s), ENA Screen(s)
 Sample Pending :

SOBANSKI, JESSICA
 8 REACH ST, THE PONDS. 2769
 Phone: 61432088310
 Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
 Your Reference: Lab Reference: 881507785-C-Iron Studies
 Laboratory: Douglass Hanly Moir Pathology eOrder
 Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
 Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Iron Studies
 Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
 18:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

IRON

Date	19/03/12	08/08/13	02/06/22	23/07/22		
Time F-Fast	0835	0736	1310	0949 F		
Lab ID	212149009	242220990	881506808	881507785	Units	Reference
Iron	25.7	26.4		14.5	umol/L	(5.0-30.0)
Transferrin	2.8	2.5		2.7	g/L	(2.0-3.6)
TIBC (Calc)	62	56		60	umol/L	(46-77)
Saturation	41	H 47		24	%	(10-45)
Ferritin	36	26	24	40	ug/L	(15-200)

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
 C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
 TFT(s), Insulin(s), Active B12(s), FBC(e), ESR(e),
 IgA(s), IgG(s), IgM(s)
 Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s),
 Sample Pending : Coeliac Gene(e), ANA(s), Gliadin/TTG(s), ENA Screen(s)

SOBANSKI, JESSICA
 8 REACH ST, THE PONDS. 2769
 Phone: 61432088310
 Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
 Your Reference: Lab Reference: 881507785-C-VITD
 Laboratory: Douglass Hanly Moir Pathology eOrder
 Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
 Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Vit D(s)
 Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
 18:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Date	19/03/12	23/07/22		
Time F-Fast	0835	0949 F	Units	Reference
Lab ID	212149009	881507785		
			nmol/L	(50-140)
Vitamin D	72	56		

Comments on Collection 23/07/22 0949 F:

Consistent with Vitamin D adequacy.

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.

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s), TFT(s), Insulin(s), Active B12(s), FBC(e), ESR(e), IgA(s), IgG(s), IgM(s)
 Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s), Coeliac Gene(e), ANA(s), Gliadin/TTG(s), ENA Screen(s)
 Sample Pending :

SOBANSKI, JESSICA
 8 REACH ST, THE PONDS. 2769
 Phone: 61432088310
 Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
 Your Reference: Lab Reference: 881507785-E-Thyroid Function
 Laboratory: Douglass Hanly Moir Pathology eOrder
 Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
 Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Thyroid Function
 Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
 18:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

TFT

Date	Time F-Fast	Lab ID	08/08/13	02/06/22	23/07/22	Units	Reference
			0736	1310	0949 F		
			242220990	881506808	881507785		
TSH			1.58	0.82	0.95	mIU/L	
(0.40-3.50)							

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
 C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
 TFT(s), Insulin(s), Active B12(s), FBC(e), ESR(e),
 IgA(s), IgG(s), IgM(s)
 Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s),
 Sample Pending : Coeliac Gene(e), ANA(s), Gliadin/TTG(s), ENA Screen(s)

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-C-INS
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Insulin(s)
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
18:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Insulin
(Abbott Architect Method)

Insulin, Fasting 10 mU/L (0 - 20)

Comment on Lab ID 881507785

In a non-pregnant patient, serum insulin(s) >80 mU/L following a 75g oral glucose load and/or fasting insulin(s) >14 mU/L (in the absence of insulinoma) are consistent with insulin resistance. Post-load insulin(s) of 60 - 80 mU/L and/or fasting insulin(s) of 10 - 14 mU/L are suggestive of insulin resistance and follow-up may be indicated in the presence of risk factors such as obesity or a positive family history.

Suggestive of insulin resistance . Follow-up may be indicated.

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
TFT(s), Insulin(s), Active B12(s), FBC(e), ESR(e),
IgA(s), IgG(s), IgM(s)
Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s),
Coeliac Gene(e), ANA(s), Gliadin/TTG(s), ENA Screen(s)
Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-C-HOLOTC
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Active B12(s)
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
18:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Date 02/06/22 23/07/22
Time F-Fast 1310 0949 F
Lab ID 881506808 881507785

		Units	Reference
Active B12	79	pmol/L	(>35)
	>128		

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
TFT(s), Insulin(s), Active B12(s), FBC(e), ESR(e),
IgA(s), IgG(s), IgM(s)
Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s),
Sample Pending : Coeliac Gene(e), ANA(s), Gliadin/TTG(s), ENA Screen(s)

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-I- Immunoglobulins
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Immunoglobulins
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 23/07/2022
18:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Immunoglobulins

Immunoglobulin G	13.82	g/L	(6.20 - 14.40)
Immunoglobulin A	1.93	g/L	(0.60 - 3.96)
Immunoglobulin M	0.85	g/L	(0.48 - 3.04)

Comment on Lab ID 881507785

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
TFT(s), Insulin(s), Active B12(s), FBC(e), ESR(e),
IgA(s), IgG(s), IgM(s)
Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s),
Coeliac Gene(e), ANA(s), Gliadin/TTG(s), ENA Screen(s)
Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-G-COELTT
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Coeliac Gene(e)
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 25/07/2022
13:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Genotyping for Coeliac Disease

Specimen type EDTA blood
Method Real-time PCR

Result: Coeliac susceptibility genotype DETECTED
(DQA1*05-, DQA1*02+, DQB1*02+, DQB1*03:02/05-)

Interpretation: Genotype consistent with the presence of HLA-DQ2.2 antigen. This result is associated with increased risk of coeliac disease.

However, >50% of the general population has an at-risk genotype, and <1% of these individuals will develop biopsy-confirmed coeliac disease. Supportive evidence from coeliac serology and small intestinal biopsy is therefore necessary to make a diagnosis of coeliac disease.

Comment on Lab ID 881507785

Test Information:

Qualitative detection of HLA-DQA1*02:01, HLA-DQA1*05:XX, HLA-DQB1*02:XX, HLA-DQB1*03:02/03:05 and HLA-DRB1*04:XX alleles is performed using the GeneFinder HLA-DQ2/DQ8 RealAmp kit (Osang Healthcare). This assay is designed to identify DQ2 (2.2 and 2.5) and DQ8 antigens that are present in more than 95% of individuals with coeliac disease. Some additional rare genotypes consistent with HLA-DQ8 antigen may be detectable by this assay though indistinguishable from HLA-DQB1*03:02/05. False positive results due to cross-reactivity with rare subtypes are possible. Rare subtypes, the presence of additional heterodimers, and zygosity of detected alleles cannot be determined by this assay. A full list of alleles to 4-digit HLA nomenclature detectable by this assay is available on request. References: PMID 25827511; 23981538.

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s), TFT(s), Insulin(s), Active B12(s), Coeliac Gene(e), FBC(e), ESR(e), IgA(s), IgG(s), IgM(s)
Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s), ANA(s),

Gliadin/TTG(s), ENA Screen(s)

Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-I-COEL
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Gliadin/TTG(s)
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 25/07/2022
14:22

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

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 881507785

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.

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s), TFT(s), Insulin(s), Active B12(s), Coeliac Gene(e), FBC(e), ESR(e), Gliadin/TTG(s), ENA Screen(s), IgA(s), IgG(s), IgM(s)
Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s), ANA(s)
Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-I-ENA
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: ENA
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 25/07/2022
14:22

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Antibodies to Extractable Nuclear Antigen (ENA)

SS-A 60	Not detected
SS-B	Not detected
Ro-52	Not detected
Scl-70	Not detected
Jo-1	Not detected
Cenp-B	Not detected
Sm	Not detected
RNP	Not detected
Ribo-P	Not detected

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
TFT(s), Insulin(s), Active B12(s), Coeliac Gene(e),
FBC(e), ESR(e), Gliadin/TTG(s), ENA Screen(s), IgA(s),
IgG(s), IgM(s)

Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s), ANA(s)
Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-I-ANA
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: ANA(s)
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 25/07/2022
14:52

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Antinuclear Antibodies

ANA

Not Detected

Comment on Lab ID 881507785

(Screened at a titre of 80)

PLEASE NOTE: As of 18/10/2021, ANA testing will be reported using Inova Hep2 slides. Occasional patients may react differently with this change in test system.

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
TFT(s), Insulin(s), Active B12(s), Coeliac Gene(e),
FBC(e), ESR(e), ANA(s), Gliadin/TTG(s), ENA Screen(s),
IgA(s), IgG(s), IgM(s)
Tests Pending : HbA1c Diag(e), IGF-1(s), CortAM(s), AMH(s)
Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-C-GHB
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: HbA1c
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 25/07/2022
18:22

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Haemoglobin A1c

HbA1c (IFCC)	35	mmol/mol	(20 - 38)
HbA1c (NGSP)	5.4	%	(4.0 - 5.6)

Comment on Lab ID 881507785

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 for gestational diabetes, type 1 diabetes and 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.

Please note that of 19/08/2021, HbA1c measurement changed from the Biorad D-100 to the Sebia Capillarys 3 method.

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s), TFT(s), Insulin(s), Active B12(s), HbA1c Diag(e), CortAM(s), Coeliac Gene(e), FBC(e), ESR(e), ANA(s), Gliadin/TTG(s), ENA Screen(s), IgA(s), IgG(s), IgM(s)

Tests Pending : IGF-1(s), AMH(s)
Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: Lab Reference: 881507785-C-Cortisol
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: Cortisol
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 25/07/2022
18:22

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Cortisol

Cortisol am
Collection Time 213 nmol/L (138 - 650)
0949 Hrs

Comment on Lab ID 881507785

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
TFT(s), Insulin(s), Active B12(s), HbA1c Diag(e),
CortAM(s), Coeliac Gene(e), FBC(e), ESR(e), ANA(s),
Gliadin/TTG(s), ENA Screen(s), IgA(s), IgG(s), IgM(s)
Tests Pending : IGF-1(s), AMH(s)
Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: 881507785 Lab Reference: 881507785-R-AMH
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: AMH
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 27/07/2022
10:22

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

Anti-Mullerian Hormone (AMH)

Anti-Mullerian Hormone (Roche Plus) 20.7 pmol/L (8.7 - 83.6)

Comment on Lab ID 881507785

The reference interval quoted above for the Roche AMH Plus assay is the age-related 2.5 - 97.5 percentile.

Generally accepted fertility criteria (not age-related):

<11.0 pmol/L: Suggestive of reduced ovarian reserve
>24.0 pmol/L: Indicates the possibility of

1. Polycystic Ovarian Syndrome
2. In post-menopausal females - granulosa cell tumour
3. Increased risk of Ovarian Hyperstimulation

Syndrome in a stimulated cycle

AMH is produced by the granulosa cells of developing follicles, and provides an estimate of the number of primordial follicles. Particularly in younger women, a low AMH level does not exclude the possibility of fertility.

Levels may be decreased in the latter part of the menstrual cycle and by the OC pill.

High dose biotin (Vitamin B7) can interfere in the AMH Plus assay, causing a falsely low result. High dose biotin may be used in the treatment of Multiple Sclerosis, and is present in certain vitamin supplements, particularly those for hair and nails. If the patient is taking high dose biotin supplementation (>5 mg/day) this result may not be accurate, please repeat this test after at least 3 days off biotin

Please note change in test method from 10/9/2018 from Beckman Access to Roche AMH Plus, with results now approximately 20% lower. Analytical results and percentile cutoffs may not be directly comparable between these methods. For further information please contact Drs Price or Kanowski on 07 3377 8670.

Reported by Sullivan and Nicolaides Pathology, a member of the Sonic Healthcare Group.

To access a PDF version of the report, copy and paste the URL below into your browser
before 27-07-2023. Use PIN 6613.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=94726327-16E2-4629-A6CB-CA4CD2254B10&hostCode=DHM&shareType=1>

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
TFT(s), Insulin(s), Active B12(s), HbA1c Diag(e),
CortAM(s), AMH(s), Coeliac Gene(e), FBC(e), ESR(e),
ANA(s), Gliadin/TTG(s), ENA Screen(s), IgA(s), IgG(s), IgM(s)

Tests Pending : IGF-1(s)

Sample Pending :

SOBANSKI, JESSICA
8 REACH ST, THE PONDS. 2769
Phone: 61432088310
Birthdate: 23/08/1997 Sex: F Medicare Number: 2878952231
Your Reference: 881507785 Lab Reference: 881507785-R-_IGF1
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR PRARTHANA PACKIAM Referred by: DR PRARTHANA PACKIAM
Copy to: MS ALEXANDRA MIDDLETON

Name of Test: _IGF1
Requested: 22/07/2022 Collected: 23/07/2022 Reported: 27/07/2022
12:22

Clinical notes: DYSMEENORHOEA, CFS

Clinical Notes : DYSMEENORHOEA, CFS

IGF-1 (Liaison) 40 nmol/L (14 - 50)

Comment on Lab ID 881507785

IGF-1 testing performed on Diasorin Liaison XL.

Reported by Sullivan and Nicolaides Pathology, a member of the
Sonic Healthcare Group.

NATA Accreditation No 2178

Tests Completed: CPLS(s), CA125(s), DHEAS(s), Fol(s), LFT(s), Lipids(s),
C(s), UCreat(s), E(s), Glu(p), Iron(s), CRP(s), Vit D(s),
TFT(s), Insulin(s), Active B12(s), HbA1c Diag(e),
IGF-1(s), CortAM(s), AMH(s), Coeliac Gene(e), FBC(e),
ESR(e), ANA(s), Gliadin/TTG(s), ENA Screen(s), IgA(s),
IgG(s), IgM(s)

Tests Pending :
Sample Pending :