

CATCHPOOLE, HEATHER
26 KINGSWAY, HAZELBROOK. 2779
Phone: 0284673769
Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
Your Reference: 00211866 Lab Reference: 23-80911604-QUA-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: QUANTITATIVE HCG
Requested: 13/06/2023 Collected: 13/06/2023 Reported: 13/06/2023
16:55

CLINICAL NOTES: pcos heavy menstrual bleeding

ENDOCRINOLOGY

HUMAN CHORIONIC GONADOTROPIN (HCG)

SPECIMEN: SERUM/PLASMA

Date	Time	Lab No.	HCG Units	Ref. Range
13/06/23	11:55	80911604	< 4 IU/L	See below

EXPECTED RESULTS RANGE AND INTERPRETATION:

HCG (IU/L)	Interpretation	Notes
<5	Negative	Early pregnancy of less than 1 week may give a negative response and retesting in 2 - 3 days time may be appropriate if clinically indicated.
5 - 25	Equivocal	Suggest repeat test in 2 -3 days.
>25	Positive	Consistent with pregnancy.

Gestational Age	Expected HCG (IU/L)
2-3 weeks	5-50
3-4 weeks	50-500
4-5 weeks	100-5000
5-6 weeks	500-10000
6-7 weeks	1000-50000
7-8 weeks	10000-100000
8-10 weeks	15000-200000
10-14 weeks	10000-100000

HCG testing is performed on Siemens Atellica IM.

NOTE: There is a large inter-individual variation in maternal serum concentrations of hCG in early pregnancy. These values are for guidance only. Gestational ages can be calculated from the date of the last menstrual cycle or be determined by sonography.

ALSO PLEASE NOTE THIS ASSAY HAS NOT BEEN VALIDATED FOR USE OUTSIDE THE ASSESSMENT OF PREGNANCY STATUS.

TESTS COMPLETED: CRP, QUA,
INCOMPLETE TESTS: FAI, ANF, B12, FBE, PRL, IS, GHB, TSH,

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Phone: 0284673769
Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
Your Reference: 00211866 Lab Reference: 23-80911604-TSH-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: THYROID STIMULATING HORM
Requested: 13/06/2023 Collected: 13/06/2023 Reported: 13/06/2023
17:07

CLINICAL NOTES: pcos heavy menstrual bleeding

ENDOCRINOLOGY

THYROID FUNCTION TEST

SPECIMEN: SERUM

Date:	09/08/22	18/03/23	13/06/23
Coll. Time:	15:10	11:30	11:55
Lab Number:	67906619	76569937	80911604

TSH 1.10 1.20 1.39 (0.40 - 4.00) mIU/L

80911604 Normal TSH level.

TESTS COMPLETED: FBE, IS, CRP, TSH, QUA,
INCOMPLETE TESTS: FAI, ANF, B12, PRL, GHB,

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Phone: 0284673769
Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
Your Reference: 00211866 Lab Reference: 23-80911604-AGN-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: ANDROGEN STUDIES
Requested: 13/06/2023 Collected: 13/06/2023 Reported: 13/06/2023
17:10

CLINICAL NOTES: pcos heavy menstrual bleeding

ENDOCRINOLOGY

ANDROGEN STUDIES

SPECIMEN: SERUM

Date: 13/06/23
Time: 11:55
Lab Number: 80911604

Testosterone	1.1	nmol/L (0.3 - 1.8)
SHBG re-std.	27	nmol/L (15 - 100)
FAI re-std.	4.1	% See table

80911604 Within normal limits.

Note: due to a re-standardisation of the testosterone assay, from 15/01/2021 some new provisional ranges apply. These will be further reviewed as more data becomes available.

Interim Reference Ranges:		
	Pre menopausal	Post menopausal
FAI re-std.	0.4 - 8.0	0.4 - 8.0
		Units
		%

Testosterone II and SHBG are assayed on the Siemens Centaur/Atellica.

TESTS COMPLETED: FAI, FBE, PRL, IS, CRP, TSH, QUA,
INCOMPLETE TESTS: ANF, B12, GHB,

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Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
Your Reference: 00211866 Lab Reference: 23-80911604-HOR-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: HORMONES ,REPRODUCTIVE
Requested: 13/06/2023 Collected: 13/06/2023 Reported: 13/06/2023
17:09

CLINICAL NOTES: pcos heavy menstrual bleeding

ENDOCRINOLOGY
HORMONE STUDIES

SPECIMEN: SERUM

Date: 13/06/23
Coll. Time: 11:55
Lab Number: 80911604

Prolactin (mIU/L) 158 mIU/L (see below)

PROLACTIN RANGES:
Female : 60 - 620 mIU/L
Post menopausal Female: 40 - 430 mIU/L

Prolactin test is performed using Siemens Atellica system.

TESTS COMPLETED: FBE, PRL, IS, CRP, TSH, QUA,
INCOMPLETE TESTS: FAI, ANF, B12, GHB,

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Phone: 0284673769
Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
Your Reference: 00211866 Lab Reference: 23-80911604-GHB-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: GLYCATED HB
Requested: 13/06/2023 Collected: 13/06/2023 Reported: 13/06/2023
21:21

CLINICAL NOTES: pcos heavy menstrual bleeding

BIOCHEMISTRY

HAEMOGLOBIN A1c

SPECIMEN: WHOLE BLOOD

Date	Coll Time	Req. No.	IFCC	DCCT
			HbA1c (mmol/mol)	HbA1c (%)
18/03/23	11:30	76569937	37	5.5
13/06/23	11:55	80911604	37	5.5

80911604 HbA1c consistent with euglycaemic state.

INTERPRETATION CRITERIA

DIAGNOSIS.

A HbA1c greater than or equal to 48 mmol/mol (6.5 %) is consistent with diabetes. Consider OGTT or repeat HbA1c for confirmation.
HbA1c 6.0 - 6.4% is consistent with prediabetes. Repeat testing annually is recommended. (ADS position statement 2020)

MONITORING.

The Australian Diabetes Society (ADS) recommends individualised HbA1c targets depending on the patient's age, comorbidities and any Hypoglycaemia (ADS position statement 2009).
A general target of less than or equal to 53 mmol/mol (7.0%) is often used.

Please note that Hb A1c results may be influenced by conditions affecting red cells or their survival times such as haemoglobinopathies, anaemias, recent transfusion or blood loss.

TESTS COMPLETED: FAI, B12, FBE, PRL, IS, CRP, GHB, TSH, QUA,
INCOMPLETE TESTS: ANF,

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Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
Your Reference: 00211866 Lab Reference: 23-80911604-BFM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: B12, FOLATE (SERUM/RBC)
Requested: 13/06/2023 Collected: 13/06/2023 Reported: 13/06/2023
23:07

CLINICAL NOTES: pcos heavy menstrual bleeding

BIOCHEMISTRY

VITAMIN B12 AND FOLATE

SPECIMEN: SERUM/BLOOD

Date: 03/05/21 09/08/22 **13/06/23**
Time: 08:35 15:10 11:55
Lab Number: 50862287 67906619 80911604

Vitamin B12	230	222	294		pmol/L
Active B12	84	104	> 146	(> 30)	pmol/L
Folate	19.6	17.9			nmol/L

80911604 Normal B12 result.

RANGES	B12	Serum Folate	Red Cell Folate
Normal	> 180	> 10.0	> 450
Equivocal	150 - 180	5.0 - 10.0	350 - 450
Deficient	< 150	< 5.0	< 350

Vitamin B12 and Folate analyses are performed on the Siemens Centaur/
Atellica.

TESTS COMPLETED: FAI, B12, FBE, PRL, IS, CRP, GHB, TSH, QUA,
INCOMPLETE TESTS: ANF,

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 Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
 Your Reference: 00211866 Lab Reference: 23-80911604-HAE-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: HAEMATOLOGY GENERAL
 Requested: 13/06/2023 Collected: 13/06/2023 Reported: 13/06/2023
 17:04

CLINICAL NOTES: pcos heavy menstrual bleeding

HAEMATOLOGY

SPECIMEN: WHOLE BLOOD

Date:	09/08/22	18/03/23	13/06/23	(#Refers to current
Coll. Time:	15:10	11:30	11:55	result only)
Lab Number:	67906619	76569937	#80911604	
<hr/>				
HAEMOGLOBIN	146	144	134	(115 - 165) g/L
RBC	4.93	5.08	4.60	(3.80 - 5.50)x10 ¹² /L
HCT	0.42	0.45	0.40	(0.35 - 0.47)
MCV	86	88	87	(80 - 99) fL
MCH	29.6	28.3	29.1	(27.0 - 34.0)pg
MCHC	348	320	335	(310 - 360) g/L
RDW	12.6	12.7	12.7	(11.0 - 15.0)%
WCC	5.8	4.7	5.2	(4.0 - 11.0) x10 ⁹ /L
Neutrophils	3.7	2.7	3.2	(2.0 - 8.0) x10 ⁹ /L
Lymphocytes	1.5	1.5	1.4	(1.0 - 4.0) x10 ⁹ /L
Monocytes	0.5	0.4	0.4	(< 1.1) x10 ⁹ /L
Eosinophils	< 0.1	< 0.1	0.1	(< 0.7) x10 ⁹ /L
Basophils	< 0.1	< 0.1	< 0.1	(< 0.3) x10 ⁹ /L
PLATELETS	428	389 *	462	(150 - 450) x10 ⁹ /L
MPV	9.2	9.3	9.4	fL

#80911604 : There is a mild thrombocytosis.

TESTS COMPLETED: FBE, CRP, QUA,
 INCOMPLETE TESTS: FAI, ANF, B12, PRL, IS, GHB, TSH,

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Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
Your Reference: 00211866 Lab Reference: 23-80911604-ANF-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: ANTI-NUCLEAR ANTIBODIES
Requested: 13/06/2023 Collected: 13/06/2023 Reported: 14/06/2023
22:58

CLINICAL NOTES: pcos heavy menstrual bleeding

IMMUNOLOGY

SPECIMEN: SERUM

ANTINUCLEAR ANTIBODIES

Anti-nuclear Antibody titre : < 160 (< 160)

COMMENT: Negative ANA is not associated with SLE. Cytoplasmic staining was noted, the clinical significance is uncertain.

TESTS COMPLETED: FAI, ANF, B12, FBE, PRL, IS, CRP, GHB, TSH, QUA,

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Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
Your Reference: 00211867 Lab Reference: 23-80911598-HPL-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: NATIONAL CERVICAL SCREEN
Requested: 13/06/2023 Collected: 13/06/2023 Reported: 15/06/2023
14:31

CLINICAL NOTES: Last Pap smear on 02/12/2017 - Result: Negative

NATIONAL CERVICAL SCREENING

Risk : Low risk
Collection By : Practitioner
Specimen Site : Cervical
Sample Type : PreservCyt Solution
Reason for Test : Primary
Test Method : Roche 6800
HPV 16 : Not Detected
HPV 18 : Not Detected
Other HPV : Not Detected

RECOMMENDATION : Rescreen in 5 years

TESTS COMPLETED: HPV,

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Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
Your Reference: 00211866 Lab Reference: 23-80911604-CRP-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: C-REACTIVE PROTEIN
Requested: 13/06/2023 Collected: 13/06/2023 Reported: 13/06/2023
16:55

CLINICAL NOTES: pcos heavy menstrual bleeding

BIOCHEMISTRY

C REACTIVE PROTEIN (CRP)				SPECIMEN: SERUM
Date	Time	Lab No.	CRP Units	Ref. Range
13/06/23	11:55	80911604	3.5 mg/L	(< 3.0)

In the setting of infection, CRP levels >100 mg/L are supportive of bacterial rather than viral aetiology.

Note results from this CRP assay should not be used for cardiac risk assessment. Please request the high sensitivity assay (hsCRP) instead.

TESTS COMPLETED: CRP, QUA,
INCOMPLETE TESTS: FAI, ANF, B12, FBE, PRL, IS, GHB, TSH,

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Birthdate: 15/06/1983 Sex: F Medicare Number: 25453626971
Your Reference: 00211866 Lab Reference: 23-80911604-ISM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR LINA CHANNO Referred by: DR LINA CHANNO

Name of Test: IRON MASTER
Requested: 13/06/2023 Collected: 13/06/2023 Reported: 13/06/2023
17:07

CLINICAL NOTES: pcos heavy menstrual bleeding

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date:	09/08/22	18/03/23	13/06/23	
Lab Number:	67906619	76569937	80911604	
Iron	14.4	20.7	21.1	(10.0 - 30.0) umol/L
Transferrin	2.77	2.94	2.81	(2.10 - 3.80) g/L
Saturation	21	28	30	(15 - 45) %
Ferritin	36	36	35	(30 - 200) ug/L

80911604 Iron studies are within normal limits.

TESTS COMPLETED: FBE, IS, CRP, TSH, QUA,
INCOMPLETE TESTS: FAI, ANF, B12, PRL, GHB,