

COFFEY, ROISIN A
 30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 **Sex:** F **Medicare Number:** 62497399121
Your Reference: 00268200 **Lab Reference:** 23-74049668-MBI-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO **Referred by:** DR PATRICIA CIVITICO
Copy to:
 DR PATRICIA CIVITICO

Name of Test: MULTIPLE BIOCHEM ANALYSIS
Requested: 20/02/2023 **Collected:** 21/02/2023 **Reported:** 21/02/2023
 16:18

CLINICAL NOTES: zinc is to follow

GENERAL CHEMISTRY

SPECIMEN: SERUM

Date:	21/02/23	11/03/22	30/03/21
Coll. Time:	08:15	09:00	14:38
Lab Number:	74049668	61143219	49191107

Sodium	139	138	(135 - 145)	mmol/L
Potassium	4.3	4.3	(3.5 - 5.2)	mmol/L
Chloride	107	103	(95 - 110)	mmol/L
Bicarbonate	26	29	(22 - 32)	mmol/L
Urea	3.5	5.1	(3.0 - 7.0)	mmol/L
Creatinine	76	79	(45 - 90)	umol/L
eGFR	89	85	(> 59)	mL/min/1.73m2
Urate			0.28 (0.15 - 0.45)	mmol/L
Calcium	2.41	2.44	(2.10 - 2.60)	mmol/L
Adj. Ca.	2.40	2.38	(2.10 - 2.60)	mmol/L
Magnesium	0.73	0.70	(0.70 - 1.10)	mmol/L
Phosphate *	1.74	1.43	(0.75 - 1.50)	mmol/L
T.Protein	71	72	(60 - 82)	g/L
Albumin	41	44	(35 - 50)	g/L
Globulin	30	28	(23 - 39)	g/L
ALP	59	78	(30 - 120)	U/L
Bilirubin	5	7	(< 25)	umol/L
GGT	13	16	(< 51)	U/L
AST	35	28	(< 41)	U/L
ALT	33	20	(< 41)	U/L

\$GLCOMM

74049668 ELECTROLYTES
 High phosphate may be due to cellular release, hypoparathyroidism or iatrogenic causes.

Note: The Calcium and Adjusted Calcium reference ranges have been changed to the Harmonised Australian Reference Intervals on 08/10/2020.

GLS-C GHB-W OHD-W AMH-W DHE-W FAI-W BFO-W FBE-R LFH-W OST-W

COFFEY, ROISIN A
 30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 **Sex:** F **Medicare Number:** 62497399121
Your Reference: 00268200 **Lab Reference:** 23-74049668-LS-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO **Referred by:** DR PATRICIA CIVITICO
Copy to:
 DR PATRICIA CIVITICO

Name of Test: LIPID STUDIES
Requested: 20/02/2023 **Collected:** 21/02/2023 **Reported:** 21/02/2023
 16:18

CLINICAL NOTES: zinc is to follow

BIOCHEMISTRY

LIPID STUDIES

SPECIMEN: SERUM

Date:	21/02/23	11/03/22	14/05/20		
Coll. Time:	08:15	09:00	08:00	Desirable Range	
Lab Number:	74049668	61143219	31294335	(Fasting)	
Fasting Status	Fasting	Fasting	Fasting		
Total Chol.	5.5 *	5.9	5.5	(< 5.6)	mmol/L
HDL Chol.	1.4	1.9	1.8	(> 1.0)	mmol/L
LDL Chol.	* 3.6	* 3.7	* 3.1	(< 2.5)	mmol/L
Non-HDL Chol.	* 4.1	* 4.0	3.7	(< 3.9)	mmol/L
Triglyceride	1.0	0.7	1.4	(< 2.0)	mmol/L
LDL/HDL Ratio	2.6	2.0	1.7		
Chol/HDL Ratio	3.9	3.1	3.1		

74049668 Mild increase in LDL-cholesterol which exceeds the target value and may be excessive in some individuals. Interpret in conjunction with other cardiovascular risk factors.

Desirable ranges for high CV risk patients are:
 LDL Cholesterol < 2.0 mmol/L
 Non-HDL Cholesterol <2.5 mmol/L

GLS-C GHB-W OHD-W AMH-W DHE-W FAI-W BFO-W FBE-R LFH-W OST-W

COFFEY, ROISIN A
30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 Sex: F Medicare Number: 62497399121
Your Reference: 00268200 Lab Reference: 23-74049668-AMH-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO Referred by: DR PATRICIA CIVITICO
Copy to:
DR PATRICIA CIVITICO

Name of Test: ANTI MULLERIAN TEST
Requested: 20/02/2023 Collected: 21/02/2023 Reported: 22/02/2023
11:13

CLINICAL NOTES: zinc is to follow

ENDOCRINOLOGY

ANTI MULLERIAN HORMONE (AMH PLUS)

SPECIMEN: SERUM

Date	Time	Lab No.	AMH PLUS	Units
21/02/23	08:15	74049668	19.2	pmol/L

Age Grp	Reference Range (pmol/L) :
20 - 29Y	13.0 - 54.0
30 - 34Y	7.0 - 48.0
35 - 39Y	5.5 - 37.0
40 - 44Y	0.7 - 21.0
45 - 50Y	0.3 - 15.0

Comment:

AMH values of < 10 may indicate low ovarian reserve
AMH values > 36 may be seen in Polycystic Ovarian patients
AMH results should be interpreted in the clinical context.

NOTE: Anti Mullerian Hormone (AMH) testing is performed on the Roche Cobas analyser using the AMH PLUS Immunoassay. AMH PLUS enables clinicians to use results when dosing patients with the recombinant FSH treatment, REKOVELLE. AMH Age-Specific Reference Ranges (10th-90th percentile) are provided by Roche.

Please note that blood collected from patients taking Biotin (Vit B7) supplements may cause falsely low results. If this patient is known to be taking Biotin, interpret results with caution within the clinical context.

Validated by Dr. D. Deam

GLS-R GHB-R OHD-R AMH-C DHE-R FAI-R BFO-R FBE-R LFH-R OST-R

COFFEY, ROISIN A
30 HARVEY STREET, PRAHRAN. 3181

Phone: 0466629044

Birthdate: 26/01/1990 Sex: F Medicare Number: 62497399121

Your Reference: 00268200 Lab Reference: 23-74049668-HOR-0

Laboratory: AUSTRALIAN CLINICAL LABS

Addressee: DR PATRICIA CIVITICO Referred by: DR PATRICIA CIVITICO

Copy to:

DR PATRICIA CIVITICO

Name of Test: HORMONES ,REPRODUCTIVE

Requested: 20/02/2023 Collected: 21/02/2023 Reported: 21/02/2023
16:49

CLINICAL NOTES: zinc is to follow

ENDOCRINOLOGY

SPECIMEN: SERUM

HORMONE STUDIES

Date: 21/02/23 11/03/22
Coll. Time: 08:15 09:00
Lab Number: 74049668 61143219

FSH	6	6	IU/L
LH	13	9	IU/L
Prolactin (mIU/L)	281	111	mIU/L (see below)
Oestradiol	890	535	pmol/L
Progesterone	43.8	1.5	nmol/L

ADULT REFERENCE RANGES:

	F.S.H.	L.H.	OESTRADIOL	PROGESTERONE#
Postmenopausal	> 25	> 25	< 120	< 1.0
Follicular phase	4 - 16	< 15	70 - 530	< 5.0
Midcycle peak	8 - 30	15 - 75	230-1300	
Luteal phase	2 - 12	< 15	200- 790	10.0 - 70.0
Day 21 (midluteal) #				> 30.0

Equivocal 15.0-30.0; Luteal Phase Deficiency < 15.0

Please note that progesterone levels in patients taking DHEA may be falsely increased due to an assay interference.

PROLACTIN RANGES:

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

Prolactin test is performed using Siemens Centaur/Atellica system.

GLS-R GHB-W OHD-R AMH-W DHE-C FAI-W BFO-w FBE-R LFH-C OST-C

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30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 Sex: F Medicare Number: 62497399121
Your Reference: 00268200 Lab Reference: 23-74049668-DHE-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO Referred by: DR PATRICIA CIVITICO
Copy to:
DR PATRICIA CIVITICO

Name of Test: DHEA SULPHATE
Requested: 20/02/2023 Collected: 21/02/2023 Reported: 21/02/2023
16:49

CLINICAL NOTES: zinc is to follow

BIOCHEMISTRY

DHEA SULPHATE		SPECIMEN: SERUM		
Date	Lab No.	DHEA-sulphate	Units	Range
21/02/23	74049668	5.2	umol/L	(1.4 - 8.7)
11/03/22	61143219	6.3		

DHEA-sulphate is assayed on the Siemens ADVIA Centaur/Atallica.

Please note that blood collected from patients taking Biotin (Vit B7) supplements may cause falsely low results. If this patient is known to be taking Biotin, interpret results with caution within the clinical context.

GLS-R GHB-W OHD-R AMH-W DHE-C FAI-W BFO-w FBE-R LFH-C OST-C

COFFEY, ROISIN A
 30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 **Sex:** F **Medicare Number:** 62497399121
Your Reference: 00268200 **Lab Reference:** 23-74049668-HAE-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO **Referred by:** DR PATRICIA CIVITICO
Copy to: DR PATRICIA CIVITICO

Name of Test: HAEMATOLOGY GENERAL
Requested: 20/02/2023 **Collected:** 21/02/2023 **Reported:** 21/02/2023
 15:42

CLINICAL NOTES: zinc is to follow

HAEMATOLOGY

SPECIMEN: WHOLE BLOOD

Date:	21/02/23	11/03/22	30/03/21	(#Refers to current
Coll. Time:	08:15	09:00	14:38	result only)
Lab Number:	#74049668	61143219	49191107	
HAEMOGLOBIN	132	132	131	(115 - 165) g/L
RBC	4.28	4.17	4.29	(3.80 - 5.50)x10 ¹² /L
HCT	0.40	0.40	0.40	(0.35 - 0.47)
MCV	94	95	93	(80 - 99) fL
MCH	30.8	31.7	30.5	(27.0 - 34.0)pg
MCHC	328	333	328	(310 - 360) g/L
RDW	13.2	13.4	13.2	(11.0 - 15.0)%
WCC	6.0	8.9	8.8	(4.0 - 11.0) x10 ⁹ /L
Neutrophils	3.1	6.3	5.4	(2.0 - 8.0) x10 ⁹ /L
Lymphocytes	2.1	1.8	2.5	(1.0 - 4.0) x10 ⁹ /L
Monocytes	0.6	0.6	0.7	(< 1.1) x10 ⁹ /L
Eosinophils	0.1	< 0.1	0.2	(< 0.7) x10 ⁹ /L
Basophils	< 0.1	< 0.1	< 0.1	(< 0.3) x10 ⁹ /L
PLATELETS	330	319	397	(150 - 450) x10 ⁹ /L
ESR			6	(< 21) mm/h

#74049668 : The red cell, white cell and platelet parameters are within normal limits.

GLS-W GHB-W OHD-W AMH-W DHE-W FAI-W BFO-W FBE-C LFH-W OST-W

COFFEY, ROISIN A
 30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 **Sex:** F **Medicare Number:** 62497399121
Your Reference: 00268200 **Lab Reference:** 23-74049668-AGN-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO **Referred by:** DR PATRICIA CIVITICO
Copy to:
 DR PATRICIA CIVITICO

Name of Test: ANDROGEN STUDIES
Requested: 20/02/2023 **Collected:** 21/02/2023 **Reported:** 21/02/2023
 17:03

CLINICAL NOTES: zinc is to follow

ENDOCRINOLOGY

ANDROGEN STUDIES

SPECIMEN: SERUM

Date:	21/02/23	11/03/22	14/05/20
Time:	08:15	09:00	08:00
Lab Number:	74049668	61143219	31294335

Testosterone	1.0	1.2	nmol/L (0.3 - 1.8)
SHBG re-std. *	104	59 *	> 180 nmol/L (15 - 100)
FAI re-std.	1.0	2.0	% See table

74049668 Normal FAI and testosterone level. Elevated SHBG may be due to oestrogen excess (e.g. exogenous, OCP), medications (e.g. phenytoin, carbamazepine, thyroxine), liver disease, anorexia or hyperthyroidism.

Note: due to a re-standardisation of the testosterone assay, from 08/02/2021 some new provisional ranges apply. These will be further reviewed as more data becomes available.

Interim Reference Ranges:

	Pre menopausal	Post menopausal	Units
FAI re-std.	0.4 - 8.0	0.4 - 8.0	%

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

GLS-R GHB-W OHD-R AMH-W DHE-C FAI-C BFO-w FBE-R LFH-C OST-C

COFFEY, ROISIN A
30 HARVEY STREET, PRAHRAN. 3181

Phone: 0466629044

Birthdate: 26/01/1990 Sex: F Medicare Number: 62497399121

Your Reference: 00268200 Lab Reference: 23-74049668-ISM-0

Laboratory: AUSTRALIAN CLINICAL LABS

Addressee: DR PATRICIA CIVITICO Referred by: DR PATRICIA CIVITICO

Copy to:
DR PATRICIA CIVITICO

Name of Test: IRON MASTER

Requested: 20/02/2023 Collected: 21/02/2023 Reported: 21/02/2023
17:21

CLINICAL NOTES: zinc is to follow

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date:	21/02/23	11/03/22	14/05/20
Coll. Time:	08:15	09:00	08:00
Lab Number:	74049668	61143219	31294335

Iron	*	8.7	16.4	22.8	(10.0 - 30.0)	umol/L
Transferrin		2.23	2.18	2.86	(2.10 - 3.80)	g/L
Saturation		16	30	32	(15 - 45)	%
Ferritin		37	68	63	(30 - 200)	ug/L

74049668 Low serum iron but ferritin within normal range.

GLS-R GHB-W OHD-R AMH-W DHE-R FAI-R BFO-w FBE-R LFH-R OST-R

COFFEY, ROISIN A
30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 Sex: F Medicare Number: 62497399121
Your Reference: 00268200 Lab Reference: 23-74049668-GHB-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO Referred by: DR PATRICIA CIVITICO
Copy to: DR PATRICIA CIVITICO

Name of Test: GLYCATED HB
Requested: 20/02/2023 Collected: 21/02/2023 Reported: 21/02/2023
18:13

CLINICAL NOTES: zinc is to follow

BIOCHEMISTRY

HAEMOGLOBIN A1c

SPECIMEN: WHOLE BLOOD

Date	Coll Time	Req. No.	IFCC HbA1c (mmol/mol)	DCCT HbA1c (%)
21/02/23	08:15	74049668	37	5.5

74049668 HbA1c consistent with euglycaemic state.

INTERPRETATION CRITERIA
DIAGNOSIS.

A HbA1c greater than or equal to 48 mmol/mol (6.5 %) is consistent with diabetes

MONITORING.

The usual treatment target is less than or equal to 53 mmol/mol (7%) but may vary depending on the clinical situation.

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.

HbA1c tested on Roche c513 using Gen. 3 assay.

GLS-R GHB-C OHD-R AMH-W DHE-R FAI-R BFO-w FBE-R LFH-R OST-R

COFFEY, ROISIN A
30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 Sex: F Medicare Number: 62497399121
Your Reference: 00268200 Lab Reference: 23-74049668-OHD-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO Referred by: DR PATRICIA CIVITICO
Copy to:
DR PATRICIA CIVITICO

Name of Test: VITAMIN D
Requested: 20/02/2023 Collected: 21/02/2023 Reported: 21/02/2023
16:23

CLINICAL NOTES: zinc is to follow

BIOCHEMISTRY

VITAMIN D

SPECIMEN: SERUM

Date	Time	Lab No.	25-hydroxy Vitamin D	
21/02/23	08:15	74049668	98	nmol/L
11/03/22	09:00	61143219	70	

74049668 Within normal limits.

Interpretation:

Vitamin D deficiency <50 nmol/L
Severe deficiency <20 nmol/L

COMMENT: Vitamin D sufficiency is defined as greater than or equal to 50 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer).

Reference: Position Statement. Vitamin D and Health in Adults in Australia and New Zealand. MJA,196(11): 686-687, 2012.

GLS-C GHB-W OHD-C AMH-W DHE-W FAI-W BFO-w FBE-R LFH-W OST-W

COFFEY, ROISIN A
30 HARVEY STREET, PRAHRAN. 3181

Phone: 0466629044

Birthdate: 26/01/1990 Sex: F Medicare Number: 62497399121

Your Reference: 00268200 Lab Reference: 23-74049668-TMA-0

Laboratory: AUSTRALIAN CLINICAL LABS

Addressee: DR PATRICIA CIVITICO Referred by: DR PATRICIA CIVITICO

Copy to:
DR PATRICIA CIVITICO

Name of Test: TFT MASTER PANEL

Requested: 20/02/2023 Collected: 21/02/2023 Reported: 21/02/2023
16:23

CLINICAL NOTES: zinc is to follow

ENDOCRINOLOGY

THYROID FUNCTION TEST

SPECIMEN: SERUM

Date:	21/02/23	11/03/22	30/03/21
Coll. Time:	08:15	09:00	14:38
Lab Number:	74049668	61143219	49191107

TSH 1.30 1.13 0.88 (0.40 - 4.00)mIU/L

74049668 Normal TSH level.

GLS-C GHB-W OHD-C AMH-W DHE-W FAI-W BFO-w FBE-R LFH-W OST-W

COFFEY, ROISIN A
30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 Sex: F Medicare Number: 62497399121
Your Reference: 00268200 Lab Reference: 23-74049668-GLS-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO Referred by: DR PATRICIA CIVITICO
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DR PATRICIA CIVITICO

Name of Test: GLUCOSE
Requested: 20/02/2023 Collected: 21/02/2023 Reported: 21/02/2023
16:18

CLINICAL NOTES: zinc is to follow

BIOCHEMISTRY

GLUCOSE

Date	Time	Lab#	Collection Type	Specimen	Glucose (mmol/L)
21/02/23	08:15	74049668	Fasting	serum	4.8
11/03/22	09:00	61143219	Fasting	serum	5.1

74049668 Normal fasting glucose.
NOTE: HbA1c has been requested.

Glucose Reference Ranges

Random 3.0 - 6.9 mmol/L
Fasting 3.0 - 5.4 mmol/L
1 Hour post prandial 3.0 - 11.0 mmol/L
2 Hour post prandial 3.0 - 7.7 mmol/L

Specimen Legend:

Fl-ox = Fluoride oxalate, serum = Serum, np = Non-Preserved

GLS-C GHB-W OHD-W AMH-W DHE-W FAI-W BFO-W FBE-R LFH-W OST-W

COFFEY, ROISIN A
 30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 **Sex:** F **Medicare Number:** 62497399121
Your Reference: 00268200 **Lab Reference:** 23-74049668-BFM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO **Referred by:** DR PATRICIA CIVITICO
Copy to:
 DR PATRICIA CIVITICO

Name of Test: B12, FOLATE (SERUM/RBC)
Requested: 20/02/2023 **Collected:** 21/02/2023 **Reported:** 21/02/2023
 18:47

CLINICAL NOTES: zinc is to follow

BIOCHEMISTRY

VITAMIN B12 AND FOLATE

SPECIMEN: SERUM/BLOOD

Date: **21/02/23** 11/03/22 14/05/20
 Time: 08:15 09:00 08:00
 Lab Number: 74049668 61143219 31294335

Vitamin B12	304	359	181	pmol/L
Active B12	126		57 (> 30)	pmol/L
Folate	30.6	29.2		nmol/L

74049668 Normal B12 and folate results.

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.

GLS-R GHB-R OHD-R AMH-W DHE-R FAI-R BFO-C FBE-R LFH-R OST-R

COFFEY, ROISIN A
30 HARVEY STREET, PRAHRAN. 3181
Phone: 0466629044
Birthdate: 26/01/1990 **Sex:** F **Medicare Number:** 62497399121
Your Reference: 00268201 **Lab Reference:** 23-76394229-HPL-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR PATRICIA CIVITICO **Referred by:** DR PATRICIA CIVITICO
Copy to:
DR PATRICIA CIVITICO

Name of Test: NATIONAL CERVICAL SCREEN
Requested: 20/02/2023 **Collected:** 21/02/2023 **Reported:** 21/02/2023
19:46

CLINICAL NOTES: Last CST on 09/03/2022 - LBC Result: Negative

NATIONAL CERVICAL SCREENING

Risk : Low risk

Collection By : Practitioner
Specimen Site : Cervical

Sample Type : PreservCyt Solution
Reason for Test : Repeat after intermediate risk or PLSIL/LSIL result
Test Method : Roche 6800

HPV 16 : Not Detected
HPV 18 : Not Detected
Other HPV : Not Detected

RECOMMENDATION : Rescreen in 5 years

\$V1-B HPV-C HLB-N

COFFEY, ROISIN A
30 HARVEY STREET, PRAHRAN. 3181

Phone: 0466629044

Birthdate: 26/01/1990 Sex: F Medicare Number: 62497399121

Your Reference: 00268200 Lab Reference: 23-74490259-TMS-0

Laboratory: AUSTRALIAN CLINICAL LABS

Addressee: DR PATRICIA CIVITICO Referred by: DR PATRICIA CIVITICO

Copy to:
DR PATRICIA CIVITICO

Name of Test: TRACE METALS SERUM/PLASMA

Requested: 20/02/2023 Collected: 22/02/2023 Reported: 24/02/2023
15:10

CLINICAL NOTES:

TOXICOLOGY

SPECIMEN: SERUM/PLASMA

TRACE METALS

Date: 22/02/23 11/03/22
Coll. Time: 08:33 09:00
Lab Number: 74490259 61143219

Zinc 12.5 13.0 (9.0 - 18.0) umol/L

SZN-C

All tests on this request have now been completed