



Key Health CBD South

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Ms Janaina Da Silva Costa
Unit 3, 18 Howard Avenue
Dee Why 2099

DA SILVA COSTA, JANAINA
U 3 18 HOWARD AVE, DEE WHY. 2099

Phone: 0414159238

Birthdate: 15/04/1976 **Sex:** F **Medicare Number:**

Your Reference: 00000091 **Lab Reference:** 25-92097872-VBF-0

Laboratory: Laverty Pathology

Addressee: DR ELISA TESTA PAULINO **Referred by:** DR ELISA TESTA PAULINO

Name of Test: B12, FOLATE, R.C.FOLATE (VBF-0)

Requested: 11/06/2025 **Collected:** 14/06/2025 **Reported:** 14/06/2025 19:40

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

VITAMIN B12 AND FOLATE STUDIES

Vitamin B12	390	pmol/L	(156-740)
Serum Folate	40.7	nmol/L	(> 9.0)

Folate Interpretation:

	DEFICIENCY	BORDERLINE	SUFFICIENCY
Serum Folate:	<4.5 nmol/L	4.5 - 9.0 nmol/L	>9.0 nmol/L

Serum Folate Assay:

In the absence of recent oral intake, a serum folate >9.0 nmol/L effectively rules out folate deficiency.

Red cell folates (RCF) are no longer processed routinely. If you have requested a RCF, and require a result for appropriate clinical reasons, this will need to be discussed and agreed with a Consultant Haematologist on +61290027085 or Dr. Lucinda Wallman, Consultant Pathologist in Immunology and Medical Director on telephone number +61 290057179

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP*, AVI*, DHT*, MBA*, LIP*, INS*, HOR*, FE, FBE*, DVI*, COR*, AND*

DA SILVA COSTA, JANAINA
U 3 18 HOWARD AVE, DEE WHY. 2099
Phone: 0414159238
Birthdate: 15/04/1976 **Sex:** F **Medicare Number:**
Your Reference: 00000091 **Lab Reference:** 25-92097872-FE-0
Laboratory: Lavery Pathology
Addressee: DR ELISA TESTA PAULINO **Referred by:** DR ELISA TESTA PAULINO

Name of Test: IRON STUDIES (FE-0)
Requested: 11/06/2025 **Collected:** 14/06/2025 **Reported:** 14/06/2025 19:40
Clinical notes: Sleep disorder,hair loss.

Clinical Notes : Sleep disorder,hair loss.

IRON STUDIES

Specimen Type: Serum			
Serum Iron	23	umol/L	(10-30)
Transferrin	32	umol/L	(32-48)
Transferrin Saturation	37	%	(13-45)
Serum Ferritin	63	ug/L	(30-165)

Normal iron studies.

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP*, AVI*, DHT*, MBA*, LIP*, INS*, HOR*,
FE, FBE*, DVI*, COR*, AND*

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U 3 18 HOWARD AVE, DEE WHY. 2099
Phone: 0414159238
Birthdate: 15/04/1976 **Sex:** F **Medicare Number:**
Your Reference: 00000091 **Lab Reference:** 25-92097872-PRL-0
Laboratory: Lavery Pathology
Addressee: DR ELISA TESTA PAULINO **Referred by:** DR ELISA TESTA PAULINO

Name of Test: SERUM PROLACTIN (PRL-0)
Requested: 11/06/2025 **Collected:** 14/06/2025 **Reported:** 14/06/2025 19:40
Clinical notes: Sleep disorder,hair loss.

Clinical Notes : Sleep disorder,hair loss.

PROLACTIN

Specimen Type: Serum

Request Number	Date Collected	Prolactin mIU/L
	Ref Range	(40-570)

92097872	14/06/25	208
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Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP*, AVI*, DHT*, MBA*, LIP*, INS*, HOR*,
FE, FBE*, DVI*, COR*, AND*

DA SILVA COSTA, JANAINA
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Phone: 0414159238
Birthdate: 15/04/1976 **Sex:** F **Medicare Number:**

Your Reference: 00000091 **Lab Reference:** 25-92097872-TFT-0
Laboratory: Lavery Pathology
Addressee: DR ELISA TESTA PAULINO **Referred by:** DR ELISA TESTA PAULINO

Name of Test: THYROID FUNCTION TEST (TFT-0)
Requested: 11/06/2025 **Collected:** 14/06/2025 **Reported:** 14/06/2025 19:40

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

THYROID PROFILE

Specimen Type: Serum
TSH 3.1 mIU/L (0.5-4.0)

Result(s) consistent with euthyroidism.

Please note the above reference intervals have been developed from a non-pregnant healthy general population study.

Please note that without a specific indication, Medicare does not fund FT4 and FT3 testing in patients with normal TSH results. If these tests are clinically indicated please contact the laboratory.

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP*, AVI*, DHT*, MBA*, LIP*, INS*, HOR*, FE, FBE*, DVI*, COR*, AND*

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Phone: 0414159238
Birthdate: 15/04/1976 **Sex:** F **Medicare Number:**
Your Reference: 00000091 **Lab Reference:** 25-92097872-GLU-0
Laboratory: Lavery Pathology
Addressee: DR ELISA TESTA PAULINO **Referred by:** DR ELISA TESTA PAULINO

Name of Test: GLUCOSE (GLU-0)
Requested: 11/06/2025 **Collected:** 14/06/2025 **Reported:** 14/06/2025 19:40

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

SERUM/PLASMA GLUCOSE

Fasting status Fasting
Serum 5.0 mmol/L (3.4-5.4)

Normal glucose concentration.

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP*, AVI*, DHT*, MBA*, LIP*, INS*, HOR*, FE, FBE*, DVI*, COR*, AND*

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Phone: 0414159238
Birthdate: 15/04/1976 **Sex:** F **Medicare Number:**
Your Reference: 00000091 **Lab Reference:** 25-92097872-COR-0
Laboratory: Lavery Pathology
Addressee: DR ELISA TESTA PAULINO **Referred by:** DR ELISA TESTA PAULINO

Name of Test: SERUM CORTISOL (COR-0)
Requested: 11/06/2025 **Collected:** 14/06/2025 **Reported:** 14/06/2025 21:19
Clinical notes: Sleep disorder,hair loss.

Clinical Notes : Sleep disorder,hair loss.

SERUM CORTISOL

Time 08:20
Cortisol **629** nmol/L

AM Reference Interval 120-620 nmol/L

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP, AVI*, DHT*, MBA, LIP, INS, HOR, FE, FBE, DVI, COR, AND*

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Birthdate: 15/04/1976 **Sex:** F **Medicare Number:**
Your Reference: 00000091 **Lab Reference:** 25-92097872-AND-0
Laboratory: Lavery Pathology
Addressee: DR ELISA TESTA PAULINO **Referred by:** DR ELISA TESTA PAULINO

Name of Test: ANDROGENS (AND-0)
Requested: 11/06/2025 **Collected:** 14/06/2025 **Reported:** 15/06/2025 15:09
Clinical notes: Sleep disorder,hair loss.

Clinical Notes : Sleep disorder,hair loss.

SERUM ANDROGENS

Total Testosterone (Siemens)	0.9	nmol/L	(0.4-1.4)
Sex Hormone Binding Globulin	176	nmol/L	(20-118)
DHEAS	3.6	umol/L	(1.3-6.2)
Calculated Free Testosterone	4.5	pmol/L	(2.1-23.0)

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP, AVI*, DHT*, MBA, LIP, INS, HOR, FE, FBE, DVI, COR, AND

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Phone: 0414159238
Birthdate: 15/04/1976 **Sex:** F **Medicare Number:**
Your Reference: 00000091 **Lab Reference:** 25-92097872-LIP-0
Laboratory: Lavery Pathology
Addressee: DR ELISA TESTA PAULINO **Referred by:** DR ELISA TESTA PAULINO

Name of Test: LIPID STUDIES (LIP-0)
Requested: 11/06/2025 **Collected:** 14/06/2025 **Reported:** 14/06/2025 19:44
Clinical notes: Sleep disorder,hair loss.

Clinical Notes : Sleep disorder,hair loss.

LIPID STUDIES

Specimen Type: Serum

Reference intervals are included for reference only, and interpretation / treatment goals should be guided by patient-specific cardiovascular risk assessment (see Australian Cardiovascular Risk Charts. Alternatively, the web-site www.cvdcheck.org.au can be accessed in order to complete a risk assessment for individual patients.)

Haemolysis Nil
Icterus Nil
Lipaemia Nil

Fasting status	Fasting		
Total Cholesterol	5.7	mmol/L	(3.9-5.2)
Triglycerides	0.8	mmol/L	(0.5-1.7)
HDL Cholesterol	2.8	mmol/L	(1.0-2.0)
LDL Cholesterol	2.5	mmol/L	(1.5-3.4)
Non-HDL Cholesterol	2.9	mmol/L	(< 3.4)
Cholesterol/HDL-C Ratio	2.0		(< 4.5)

NVDPA TARGET LIPID RANGES (MMOL/L) FOR PATIENTS AT HIGH / MODERATE RISK OF CARDIOVASCULAR DISEASE:

TOTAL CHOLESTEROL	<4.0
TRIGS (FASTING)	<2.0
HDL-C	>= 1.0
LDL-C	<2.0
NON HDL-C	<2.5

LDL-C exceeds target for higher risk patients and may be excessive in some individuals.

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP*, AVI*, DHT*, MBA, LIP, INS*, HOR*, FE, FBE, DVI*, COR*, AND*

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U 3 18 HOWARD AVE, DEE WHY. 2099
Phone: 0414159238
Birthdate: 15/04/1976 **Sex:** F **Medicare Number:**
Your Reference: 00000091 **Lab Reference:** 25-92097872-FBE-0
Laboratory: Lavery Pathology
Addressee: DR ELISA TESTA PAULINO **Referred by:** DR ELISA TESTA PAULINO

Name of Test: HAEMATOLOGY (FBE-0)
Requested: 11/06/2025 **Collected:** 14/06/2025 **Reported:** 14/06/2025 19:44

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

HAEMATOLOGY
Date Collected 14 Jun 25
Time Collected 08:20
Specimen Type: EDTA

Hb	134 g/L	(115-165)	WBC	3.8 x10 ⁹ /L	(4.0-11.0)
RCC	4.3 x10 ¹² /L	(3.9-5.8)	Neut	2.1 x10 ⁹ /L	(2.0-7.5)
Hct	0.40	(0.34-0.47)	Lymp	1.4 x10 ⁹ /L	(1.0-4.0)

MCV	94	fL	(79-99)	Mono	0.2	x10 ⁹	/L (0.2-1.0)
MCH	31	pg	(27-34)	Eos	0.1	x10 ⁹	/L (< 0.7)
MCHC	334	g/L	(320-360)	Baso	0.0	x10 ⁹	/L (< 0.2)
RDW	12.5	%	(10.0-17.0)				
Plat	206	x10 ⁹	/L (150-400)				

HAEMATOLOGY: Mild leucopenia noted.

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP*, AVI*, DHT*, MBA, LIP, INS*, HOR*, FE, FBE, DVI*, COR*, AND*

DA SILVA COSTA, JANAINA
U 3 18 HOWARD AVE, DEE WHY. 2099

Phone: 0414159238

Birthdate: 15/04/1976 Sex: F Medicare Number:

Your Reference: 00000091 Lab Reference: 25-92097872-MBA-0

Laboratory: Laverty Pathology

Addressee: DR ELISA TESTA PAULINO Referred by: DR ELISA TESTA PAULINO

Name of Test: SERUM CHEMISTRY (MBA-0)

Requested: 11/06/2025 Collected: 14/06/2025 Reported: 14/06/2025 19:44

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

SERUM CHEMISTRY

Specimen Type: Serum

Haemolysis	Nil
Icterus	Nil
Lipaemia	Nil

Sodium	136	mmol/L	(135-145)
Potassium	4.9	mmol/L	(3.6-5.4)
Chloride	100	mmol/L	(95-110)
Bicarbonate	26	mmol/L	(22-32)
Anion Gap	15	mmol/L	(10-20)
Urea	4.4	mmol/L	(2.5-8.0)
Creatinine	80	umol/L	(45-90)
eGFR	74		mL/min/1.73sqM
Bilirubin	15	umol/L	(< 15)
AST	20	U/L	(< 30)
ALT	21	U/L	(< 30)
GGT	10	U/L	(< 35)
Alkaline Phosphatase	41	U/L	(20-105)
Protein	71	g/L	(60-82)
Albumin	45	g/L	(38-50)
Globulin	26	g/L	(20-39)
Calcium	2.43	mmol/L	(2.10-2.60)
Corrected Calcium	2.39	mmol/L	(2.10-2.60)
Phosphate	1.03	mmol/L	(0.75-1.50)
Magnesium	0.91	mmol/L	(0.70-1.10)

eGFR values between 60 and 89 mL/min/1.73m² should be interpreted with caution. These results are only consistent with CKD in the presence of other evidence such as microalbuminuria, proteinuria or haematuria.

Ref: Lamb EJ et al in Ann Clin Biochem 2005; 42:321-345.

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP*, AVI*, DHT*, MBA, LIP, INS*, HOR*, FE, FBE, DVI*, COR*, AND*

DA SILVA COSTA, JANAINA
U 3 18 HOWARD AVE, DEE WHY. 2099

Phone: 0414159238

Birthdate: 15/04/1976 Sex: F Medicare Number:

Your Reference: 00000091 Lab Reference: 25-92097872-CRP-0

Laboratory: Lavery Pathology

Addressee: DR ELISA TESTA PAULINO Referred by: DR ELISA TESTA PAULINO

Name of Test: C-REACTIVE PROTEIN (CRP-0)

Requested: 11/06/2025 Collected: 14/06/2025 Reported: 14/06/2025 19:51

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

C-REACTIVE PROTEIN

Specimen Type: Serum

Serum CRP < 4.0 mg/L (< 6.0)

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP, AVI*, DHT*, MBA, LIP, INS*, HOR*, FE, FBE, DVI*, COR*, AND*

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U 3 18 HOWARD AVE, DEE WHY. 2099

Phone: 0414159238

Birthdate: 15/04/1976 Sex: F Medicare Number:

Your Reference: 00000091 Lab Reference: 25-92097872-INS-0

Laboratory: Lavery Pathology

Addressee: DR ELISA TESTA PAULINO Referred by: DR ELISA TESTA PAULINO

Name of Test: SERUM INSULIN (INS-0)

Requested: 11/06/2025 Collected: 14/06/2025 Reported: 14/06/2025 20:04

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

SERUM INSULIN

Fasting status

Fasting

Haemolysis

Nil

Insulin 6 mU/L (< 10)

ASSESSMENT OF INSULIN RESISTANCE (FASTING SAMPLES ONLY)

< 10 - normal insulin sensitivity

10-14 - mild insulin resistance

> 14 - insulin resistance

Insulin results from non-fasting samples are difficult to interpret although any result ≥ 60 mU/L is likely to indicate insulin resistance.

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP, AVI*, DHT*, MBA, LIP, INS, HOR*, FE, FBE, DVI, COR*, AND*

DA SILVA COSTA, JANAINA

U 3 18 HOWARD AVE, DEE WHY. 2099

Phone: 0414159238

Birthdate: 15/04/1976

Sex: F

Medicare Number:

Your Reference: 00000091

Lab Reference: 25-92097872-DVI-0

Laboratory: Lavery Pathology

Addressee: DR ELISA TESTA PAULINO

Referred by: DR ELISA TESTA PAULINO

Name of Test: VITAMIN D (DVI-0)

Requested: 11/06/2025

Collected: 14/06/2025

Reported: 14/06/2025

20:04

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

VITAMIN D

Haemolysis

Nil

Serum 25(OH) Vitamin D

76 nmol/L

Suggested decision limits for Vitamin D status:

Sufficiency 51 -200 nmol/L

Mild deficiency 25 - 50 nmol/L

Marked deficiency < 25 nmol/L

Toxicity >250 nmol/L

References: Vitamin D and health in adults in Australia and New Zealand:

Position Statement. MJA 2012 June 18; 196(11), 686-687.

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP, AVI*, DHT*, MBA, LIP, INS, HOR*, FE, FBE, DVI, COR*, AND*

DA SILVA COSTA, JANAINA

U 3 18 HOWARD AVE, DEE WHY. 2099

Phone: 0414159238

Birthdate: 15/04/1976

Sex: F

Medicare Number:

Your Reference: 00000091

Lab Reference: 25-92097872-HOR-0

Laboratory: Lavery Pathology

Addressee: DR ELISA TESTA PAULINO

Referred by: DR ELISA TESTA PAULINO

Name of Test: HORMONE PROFILE (HOR-0)

Requested: 11/06/2025

Collected: 14/06/2025

Reported: 14/06/2025

21:07

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

SERUM HORMONE PROFILE

Specimen Type: Serum

Request Date

FSH

LH

PROG

E2 (ATEL)

E2 (BECK)

LH/FSH

Number Collected

IU/L

IU/L

nmol/L

pmol/L

pmol/L

Ratio

92097872 14 Jun 25

12

8.3

19

2297

Reference Ranges

FSH

LH

PROG

OESTRADIOL

Follicular

2-12

2-12

0.5-4.5

100-530

Midcycle

12-30

>15

235-1300

Luteal

2-12

2-15

10.6-89.1

205-790

Menopausal

>25

>10

<100

Prepubertal

<6

<4

PLEASE NOTE:

'E2 (ATEL)' - Oestradiol by Siemens Atellica assay
'E2 (BECK)' - Oestradiol by Beckman Access assay

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP, AVI*, DHT*, MBA, LIP, INS, HOR, FE, FBE, DVI, COR*, AND*

DA SILVA COSTA, JANAINA
U 3 18 HOWARD AVE, DEE WHY. 2099

Phone: 0414159238

Birthdate: 15/04/1976 Sex: F Medicare Number:

Your Reference: 00000091 Lab Reference: 25-92097872-DHT-0

Laboratory: Lavery Pathology

Addressee: DR ELISA TESTA PAULINO Referred by: DR ELISA TESTA PAULINO

Name of Test: DIHYDRO-TESTOSTERONE (DHT-0)

Requested: 11/06/2025 Collected: 14/06/2025 Reported: 16/06/2025 09:11

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

REFERENCE REPORT

The following test has been sent to:
PRINCE OF WALES HOSPITAL - DIHYDRO-TESTOSTERONE
Usually a result will be available in 14 days

Requested Tests : VBF, TFT, STE*, PRL, GLU, CRP, AVI*, DHT*, MBA, LIP, INS, HOR, FE, FBE, DVI, COR, AND

DA SILVA COSTA, JANAINA
U 3 18 HOWARD AVE, DEE WHY. 2099

Phone: 0414159238

Birthdate: 15/04/1976 Sex: F Medicare Number:

Your Reference: 00000091 Lab Reference: 25-92097872-STE-0

Laboratory: Lavery Pathology

Addressee: DR ELISA TESTA PAULINO Referred by: DR ELISA TESTA PAULINO

Name of Test: TRACE ELEMENTS (STE-0)

Requested: 11/06/2025 Collected: 14/06/2025 Reported: 16/06/2025 14:31

Clinical notes: Sleep disorder, hair loss.

Clinical Notes : Sleep disorder, hair loss.

PLASMA TRACE ELEMENTS

(RI)

Copper	16	umol/L	(12-24)
Zinc	13.0	umol/L	(10.0-18.0)

RI = Reference Interval

Requested Tests : VBF, TFT, STE, PRL, GLU, CRP, AVI*, DHT*, MBA, LIP, INS, HOR, FE,
FBE, DVI, COR, AND