

EDE, VANESSA
14 BARINGA ST, BLAXLAND. 2774
Phone: 0296713154
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-FBE-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: HAEMATOLOGY (FBE-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
22:25

HAEMATOLOGY

Request Number	26487388	22345461
Date Collected	22 Apr 22	22 Jun 23
Time Collected	15:25	17:20
Specimen Type: EDTA		
Hb (115-165) g/L	135	127
Hct (0.34-0.47)	0.40	0.38
RCC (3.9-5.8) x10 ¹² /L	4.3	4.1
MCV (79-99) fL	93	93
MCH (27-34) pg	31	31
MCHC (320-360) g/L	337	333
RDW (10.0-17.0) %	13.2	12.0
WBC (4.0-11.0) x10 ⁹ /L	8.4	6.5
Neut (2.0-7.5) x10 ⁹ /L	4.9	2.7
Lymph (1.0-4.0) x10 ⁹ /L	2.9	3.2
Mono (0.2-1.0) x10 ⁹ /L	0.5	0.3
Eos (< 0.7) x10 ⁹ /L	0.1	0.2
Baso (< 0.2) x10 ⁹ /L	0.1	0.1
Plat (150-400) x10 ⁹ /L	249	272

HAEMATOLOGY: FBC parameters are within reference range.

Requested Tests : VZ*, VBF*, UMM*, TFT*, SYP*, PRL*, GLU*, CRP*, RUL*, MBA*, HOR*, HIR*, HEP*, FE*, FBE, DVI*, BGA*, AND*

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Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-MBA-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: SERUM CHEMISTRY (MBA-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
23:06

SERUM CHEMISTRY

Request Number 26487388 22345461
Date Collected 22 Apr 22 22 Jun 23
Time Collected 15:25 17:20
Specimen Type: Serum

Haemolysis	Nil	Nil
Icterus	Nil	Nil
Lipaemia	Nil	Nil

Na	(135-145)	mmol/L	142	141
K	(3.6-5.4)	mmol/L	4.6	4.7
Cl	(95-110)	mmol/L	101	101
HCO3	(22-32)	mmol/L	26	26
An Gap	(10-20)	mmol/L	20	19
Urea	(2.5-8.0)	mmol/L	3.7	4.0
Creat	(45-90)	umol/L	55	55
eGFR	mL/min/1.73m ²		> 90	> 90
Bili	(< 15)	umol/L	9	6
AST	(< 30)	U/L	18	22
ALT	(< 30)	U/L	15	18
GGT	(< 30)	U/L	19	14
Alk Phos	(20-105)	U/L	57	60
Protein	(60-82)	g/L	71	69
Albumin	(38-50)	g/L	46	46
Glob	(20-39)	g/L	25	23
Ca	(2.10-2.60)	mmol/L	2.44	2.30
Corr Ca	(2.10-2.60)	mmol/L	2.38	2.24
PO4	(0.75-1.50)	mmol/L	1.06	1.26
Mg	(0.70-1.10)	mmol/L	0.92	0.90

eGFR ≥ 90 mL/min/1.73m² usually indicates normal kidney function but does not exclude patients with early kidney damage (those with albuminuria, haematuria or abnormal kidney imaging).

Requested Tests : VZ*, VBF*, UMM*, TFT*, SYP*, PRL*, GLU*, CRP, RUL*, MBA, HOR*, HIR*, HEP*, FE*, FBE, DVI*, BGA*, AND*

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Phone: 0296713154
Birthdate: 11/02/1986 Sex: F Medicare Number: 2691071463
Your Reference: 00295155 Lab Reference: 23-22345461-CRP-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN Referred by: DR TRISTAN NGUYEN

Name of Test: C-REACTIVE PROTEIN (CRP-0)
Requested: 22/06/2023 Collected: 22/06/2023 Reported: 22/06/2023
23:06

C-REACTIVE PROTEIN

Request Number 26487388 22345461
Date Collected 22 Apr 22 22 Jun 23
Time Collected 15:25 17:20
Specimen Type: Serum
CRP (< 6.0) mg/L < 4.0 < 4.0

Requested Tests : VZ*, VBF*, UMM*, TFT*, SYP*, PRL*, GLU*, CRP, RUL*, MBA, HOR*, HIR*, HEP*, FE*, FBE, DVI*, BGA*, AND*

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Your Reference: 00295155 **Lab Reference:** 23-22345461-FE-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: IRON STUDIES (FE-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
23:15

IRON STUDIES

Request Number	26487388	22345461
Date Collected	22 Apr 22	22 Jun 23
Time Collected	15:25	17:20
Specimen Type:	Serum	
Iron (10-30)	umol/L	25
T'ferrin(32-48)	umol/L	30
T. Sat. (13-45)	%	42
Ferritin(30-165)	ug/L	25

Although the transferrin saturation is normal, the mildly reduced ferritin suggests iron deficiency.

During the reproductive years, iron deficiency in women is usually due to multiparity or heavy menstrual losses. Investigation of the gastrointestinal tract for a source of blood loss may be indicated.

Requested Tests : VZ*, VBF*, UMM*, TFT, SYP*, PRL*, GLU*, CRP, RUL*, MBA, HOR*, HIR*, HEP*, FE, FBE, DVI*, BGA*, AND*

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Your Reference: 00295155 **Lab Reference:** 23-22345461-TFT-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: THYROID FUNCTION TEST (TFT-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
23:15

THYROID PROFILE

Request Number	26487388	22345461
Date Collected	22 Apr 22	22 Jun 23
Time Collected	15:25	17:20
Specimen Type:	Serum	
TSH (0.5-4.0)	mIU/L	1.1
FT4 (10-20)	pmol/L	15

Result(s) consistent with euthyroidism.

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

Requested Tests : VZ*, VBF*, UMM*, TFT, SYP*, PRL*, GLU*, CRP, RUL*, MBA, HOR*, HIR*, HEP*, FE, FBE, DVI*, BGA*, AND*

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Phone: 0296713154
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-PRL-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: SERUM PROLACTIN (PRL-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
23:29

PROLACTIN

Specimen Type: Serum

Request Number	Date Collected Ref Range	Prolactin mIU/L (40-570)
22345461	22/06/23	288

Requested Tests : VZ*, VBF*, UMM*, TFT, SYP*, PRL, GLU*, CRP, RUL*, MBA, HOR*, HIR*, HEP*, FE, FBE, DVI*, BGA*, AND*

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Your Reference: 00295155 **Lab Reference:** 23-22345461-AND-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: ANDROGENS (AND-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
23:33

SERUM ANDROGENS

Total Testosterone (Siemens)	0.6	nmol/L	(0.4-1.4)
Sex Hormone Binding Globulin	115	nmol/L	(20-118)
Calculated Free Testosterone	4.3	pmol/L	(2.1-24.0)

Requested Tests : VZ*, VBF*, UMM*, TFT, SYP*, PRL, GLU*, CRP, RUL*, MBA, HOR*, HIR*, HEP*, FE, FBE, DVI*, BGA*, AND

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Phone: 0296713154
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-SYP-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: TREPONEMAL SEROLOGY (SYP-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
23:49

SYPHILIS SEROLOGY

Syphilis (CMIA) Negative

Antibodies to Treponema pallidum NOT detected by chemiluminescent immunoassay (CMIA). This result suggests either no exposure to T. pallidum or very early primary syphilis infection prior to the development of antibodies. If early infection is suspected, please repeat in 14 days.

All testing performed on serum or plasma unless otherwise specified.

Requested Tests : VZ*, VBF*, UMM*, TFT, SYP, PRL, GLU*, CRP, RUL*, MBA, HOR*, HIR, HEP*, FE, FBE, DVI*, BGA*, AND

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Phone: 0296713154
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-HIR-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: HIV - NON COMMERCIAL (HIR-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
23:50

HIV SEROLOGY

HIV 1 and 2 Ab/Ag: Negative

This result does not exclude infection with HIV virus. If serum was tested within 3 months of exposure please retest after that time.

All testing performed on serum or plasma unless otherwise specified.

Requested Tests : VZ*, VBF*, UMM*, TFT, SYP, PRL, GLU*, CRP, RUL*, MBA, HOR*, HIR, HEP*, FE, FBE, DVI, BGA*, AND

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Phone: 0296713154
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-DVI-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: VITAMIN D (DVI-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
23:50

VITAMIN D

Haemolysis Nil
Serum 25(OH) Vitamin D 85 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 : VZ*, VBF*, UMM*, TFT, SYP, PRL, GLU*, CRP, RUL*, MBA, HOR*,
HIR, HEP*, FE, FBE, DVI, BGA*, AND

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Phone: 0296713154
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-VZ-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: VARICELLA ZOSTER (VZ-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
23:55

Varicella Zoster Serology

Varicella-Zoster IgG (EIA) DETECTED

Consistent with past Chickenpox infection or vaccination. If recent
contact or infection is suspected, please request VZV IgM antibodies and,
if lesions are present, send a swab for VZV PCR.

All testing performed on serum or plasma unless otherwise specified.

Requested Tests : VZ, VBF*, UMM*, TFT, SYP, PRL, GLU*, CRP, RUL*, MBA, HOR*,
HIR, HEP*, FE, FBE, DVI, BGA*, AND

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Phone: 0296713154
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-RUL-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: RUBELLA SEROLOGY (RUL-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
 23:59

RUBELLA SEROLOGY

Rubella IgG 50 IU/mL

Consistent with past infection/vaccination and immunity to Rubella. If a recent infection (or contact during pregnancy) is suspected, suggest Rubella IgM testing.

Please note: Method changed to Siemens Atellica Rubella IgG II assay effective 13/01/2023.

All testing performed on serum or plasma unless otherwise specified.

Requested Tests : VZ, VBF*, UMM*, TFT, SYP, PRL, GLU*, CRP, RUL, MBA, HOR*, HIR, HEP, FE, FBE, DVI, BGA*, AND

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Phone: 0296713154
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-VBF-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: B12, FOLATE, R.C.FOLATE (VBF-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 23/06/2023
 00:12

VITAMIN B12 AND FOLATE STUDIES

Vitamin B12	263	pmol/L	(301-740)
Active B12	> 146	pmol/L	(> 40)
Serum Folate	> 54.0	nmol/L	(> 9.0)

Serum Vitamin B12 Assay:

DEFICIENCY	BORDERLINE	SUFFICIENCY
-----+-----		
<150 pmol/L	150 - 300 pmol/L	>300 - 740 pmol/L

For patients with total B12 levels in the low or borderline range, testing for active B12 (holotranscobalamin II) will automatically be

performed to resolve B12 status. Active B12 is the biologically active fraction of total serum B12, and a superior indicator of B12 status. Up to 15% of individuals may have a deficiency of the carrier protein haptocorrin, which does not result in clinical B12 deficiency, despite low total B12 levels.

Serum Active B12 Assay:

This active B12 result indicates that the patient is likely to be vitamin B12 sufficient. Patients with renal impairment may still be B12 depleted despite an active B12 level within this range. For these patients, correlation with total B12, homocysteine and/or methylmalonate is required.

Folate Interpretation:

	DEFICIENCY	BORDERLINE	SUFFICIENCY
Serum Folate:	<4.5 nmol/L	4.5 - 9.0 nmol/L	>9.0 nmol/L
RBC Folate:	<340 nmol/L	340 - 570 nmol/L	>570 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 : VZ, VBF, UMM*, TFT, SYP, PRL, GLU*, CRP, RUL, MBA, HOR*, HIR, HEP, FE, FBE, DVI, BGA*, AND

EDE, VANESSA

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Phone: 0296713154

Birthdate: 11/02/1986 Sex: F Medicare Number: 2691071463

Your Reference: 00295155 Lab Reference: 23-22345461-HOR-0

Laboratory: Laverty Pathology

Addressee: DR TRISTAN NGUYEN Referred by: DR TRISTAN NGUYEN

Name of Test: HORMONE PROFILE (HOR-0)

Requested: 22/06/2023 Collected: 22/06/2023 Reported: 23/06/2023
00:24

SERUM HORMONE PROFILE

Specimen Type: Serum

Request Number	Date Collected	FSH IU/L	LH IU/L	PROG nmol/L	E2 (ATEL) pmol/L	E2 (BECK) pmol/L	LH/FSH Ratio
22345461	22 Jun 23	33	7.4	< 1	< 70		

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 : VZ, VBF, UMM*, TFT, SYP, PRL, GLU*, CRP, RUL, MBA, HOR, HIR,
HEP, FE, FBE, DVI, BGA*, AND

EDE, VANESSA

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Phone: 0296713154

Birthdate: 11/02/1986 Sex: F Medicare Number: 2691071463

Your Reference: 00295155 Lab Reference: 23-22345461-GLU-0

Laboratory: Lavery Pathology

Addressee: DR TRISTAN NGUYEN Referred by: DR TRISTAN NGUYEN

Name of Test: GLUCOSE (GLU-0)

Requested: 22/06/2023 Collected: 22/06/2023 Reported: 23/06/2023
07:18

SERUM/PLASMA GLUCOSE

Request Number	26487388	22345461
Date Collected	22 Apr 22	22 Jun 23
Time Collected	15:25	17:20
Fasting status	Random	Random
Serum (3.4-7.7) mmol/L	5.0	4.6

Normal glucose concentration.

Requested Tests : VZ, VBF, UMM*, TFT, SYP, PRL, GLU, CRP, RUL, MBA, HOR, HIR,
HEP, FE, FBE, DVI, BGA*, AND

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Phone: 0296713154

Birthdate: 11/02/1986 Sex: F Medicare Number: 2691071463

Your Reference: 00295155 Lab Reference: 23-22345461-BGA-0

Laboratory: Lavery Pathology

Addressee: DR TRISTAN NGUYEN Referred by: DR TRISTAN NGUYEN

Name of Test: BLOOD GROUP / ANTIBODIES (BGA-0)

Requested: 22/06/2023 Collected: 22/06/2023 Reported: 23/06/2023
14:27

BLOOD GROUP AND ANTIBODIES

Specimen Type: EDTA

Blood Group O Rh(D) Positive

RBC antibody screen Nil Detected

Requested Tests : VZ, VBF, UMM*, TFT, SYP, PRL, GLU, CRP, RUL, MBA, HOR, HIR,
HEP, FE, FBE, DVI, BGA, AND

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Phone: 0296713154
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-UMM-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: URINE MICRO/CULTURE (UMM-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 23/06/2023
 16:51

URINE EXAMINATION

Specimen	Midstream				
CHEMISTRY		MICROSCOPY			
pH	7.0	Leucocytes	< 3	x10 ⁶ /L	(< 10)
Protein	nil	Erythrocytes	< 4	x10 ⁶ /L	(< 10)
Glucose	nil	Epithelial cells	< 5	x10 ⁶ /L	(< 10)
Blood	nil				

A urine with these results is not usually infected. Although culture has been performed, a further report will only be issued if the culture is positive.

Requested Tests : VZ, VBF, UMM, TFT, SYP, PRL, GLU, CRP, RUL, MBA, HOR, HIR, HEP, FE, FBE, DVI, BGA, AND

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Phone: 0296713154
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00295155 **Lab Reference:** 23-22345461-HEP-0
Laboratory: Laverty Pathology
Addressee: DR TRISTAN NGUYEN **Referred by:** DR TRISTAN NGUYEN

Name of Test: HEPATITIS SEROLOGY (HEP-0)
Requested: 22/06/2023 **Collected:** 22/06/2023 **Reported:** 22/06/2023
 23:59

HEPATITIS SEROLOGY

Hepatitis C Antibody	Not Detected
Hepatitis B Surface Antigen	Not Detected

No evidence of current or past Hepatitis C virus (HCV) infection. HCV antibodies may not be detected up to 6 months post exposure. Suggest sending a further sample after an appropriate interval if indicated.

No evidence of current or chronic Hepatitis B virus infection. For investigation of past infection or possible occult infection, please request hepatitis B core antibody. For investigation of immune status please request hepatitis B surface antibody.

All testing performed on serum or plasma unless otherwise specified.

Requested Tests : VZ, VBF*, UMM*, TFT, SYP, PRL, GLU*, CRP, RUL, MBA, HOR*,

HIR, HEP, FE, FBE, DVI, BGA*, AND