

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00314948 **Lab Reference:** 838630332-C-E777
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:
VANESSA EDE

Name of Test: HbA1c
Requested: 18/04/2024 **Collected:** 19/04/2024 **Reported:** 25/04/2024
01:42

Clinical notes: CHECK UP, UNDERGOING IVF

Clinical Notes : CHECK UP, UNDERGOING IVF

HbA1c

Date	01/06/20	21/10/21	19/04/24		
Time F-Fast	Unkn F	Unkn F	0828 F		
Lab ID	843283535	861292195	838630332	Units	Reference
HbA1c (IFCC)	32			mmol/mol	(20-38)
HbA1c	5.0			%	(4.0-5.6)
HbA1c (IFCC)		33	34	mmol/mol	(20-38)
HbA1c (NGSP)		5.2	5.3	%	(4.0-5.6)

Comments on Collection 19/04/24 0828 F:
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.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Iron(s),
Lipids HDL(s), Vit D(s), TSH(s), Homo(e),
Active B12(s), HbA1c Diag(e), FBC(e), ESR(e)

Tests Pending : Zn(s)

Sample Pending :

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00314948 **Lab Reference:** 838630332-C-C731
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:
VANESSA EDE

Name of Test: Metals, Blood
Requested: 18/04/2024 **Collected:** 19/04/2024 **Reported:** 26/04/2024
10:12

Clinical notes: CHECK UP, UNDERGOING IVF

Clinical Notes : CHECK UP, UNDERGOING IVF

Heavy Metals

Serum Zinc 11 umol/L (10 - 18)

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Iron(s),
Lipids HDL(s), Vit D(s), Zn(s), TSH(s), Homo(e),
Active B12(s), HbA1c Diag(e), FBC(e), ESR(e)

Tests Pending :
Sample Pending :

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00314948 **Lab Reference:** 838630332-C-C205
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:
VANESSA EDE

Name of Test: Lipids HDL(s)
Requested: 18/04/2024 **Collected:** 19/04/2024 **Reported:** 19/04/2024
12:11

Clinical notes: CHECK UP, UNDERGOING IVF

Clinical Notes : CHECK UP, UNDERGOING IVF

Lipids and HDL

Status	Fasting			
Cholesterol	4.3	mmol/L	(<5.5)
Triglycerides	0.4	mmol/L	(<2.0)
HDL Cholesterol	1.7	mmol/L	(>1.2)
LDL Cholesterol	2.4	mmol/L	(<3.0)

Non-HDL Cholesterol 2.6 mmol/L (<4.0)

Comment on Lab ID 838630332

Please note that the above reference limits are decision limits.
A flag based on these limits is an indication to review the absolute cardiovascular risk for the patient. For assessment of absolute cardiovascular disease risk please see www.cvdcheck.org.au

The above decision limits are based on the European Atherosclerosis Society (EAS) and European Federation of Clinical Chemistry and Laboratory Medicine (EFCLM) Consensus Statement 2016 and the Australasian Association of Clinical Biochemistry and Laboratory Medicine (AACB) Lipid Reporting Guideline 2018.

Lipid treatment targets for patients at high risk of cardiovascular disease:

Total cholesterol	<4.0 mmol/L
Triglyceride	<2.0 mmol/L
HDL cholesterol	>1.0 mmol/L
LDL cholesterol	<2.5 mmol/L (<1.8 mmol/L for very high risk)
Non-HDL cholesterol	<3.3 mmol/L (<2.5 mmol/L for very high risk)

High risk - Primary prevention Very high risk - Secondary prevention

Target values from the AACB Lipid Reporting Guideline 2018.

Please note that as there is a continuum of risk, benefits are obtained for any measured lipid components moving towards and beyond the various target levels.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Lipids HDL(s), FBC(e)
Tests Pending : B12(s), Fol(s), Iron(s), Vit D(s), Zn(s), TSH(s), Homo(e),
HbA1c Diag(e), ESR(e)
Sample Pending :

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00314948 **Lab Reference:** 838630332-C-E310
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:

VANESSA EDE

Name of Test: Homo(e)
Requested: 18/04/2024 **Collected:** 19/04/2024 **Reported:** 19/04/2024
20:11

Clinical notes: CHECK UP, UNDERGOING IVF

Clinical Notes : CHECK UP, UNDERGOING IVF

Homocysteine

Homocysteine 8.1 umol/L (5.0 - 12.0)

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Lipids HDL(s),Homo(e),
FBC(e),ESR(e)
Tests Pending : B12(s),Fol(s),Iron(s),Vit D(s),Zn(s), TSH(s), HbA1c Diag(e)
Sample Pending :

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00314948 **Lab Reference:** 838630332-E-H246
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:
VANESSA EDE

Name of Test: B12/Folate/RCF
Requested: 18/04/2024 **Collected:** 19/04/2024 **Reported:** 22/04/2024
18:42

Clinical notes: CHECK UP, UNDERGOING IVF

Clinical Notes : CHECK UP, UNDERGOING IVF

Vitamin B12 and Folate

Vitamin B12	181	pmol/L	(135 - 650)
Active B12	70	pmol/L	(>35)
Serum Folate	34.9	nmol/L	(>7.0)

Comment on Lab ID 838630332

From 27 November 2023, active B12 (holotranscobalamin) testing will be performed on all patients with low or equivocal (at or below 400 pmol/L) total B12 results. Both tests are eligible for a Medicare rebate under these circumstances.

NATA Accreditation No 2178

Tests Completed: B12(s),Fol(s),LFT(s),C(s),UCreat(s),E(s),Iron(s),
Lipids HDL(s),Vit D(s), TSH(s),Homo(e),
Active B12(s),FBC(e),ESR(e)
Tests Pending : Zn(s), HbA1c Diag(e)
Sample Pending :

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00314948 **Lab Reference:** 838630332-C-C513
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:
VANESSA EDE

Name of Test: Vit D(s)
Requested: 18/04/2024 **Collected:** 19/04/2024 **Reported:** 22/04/2024
18:12

Clinical notes: CHECK UP, UNDERGOING IVF

Clinical Notes : CHECK UP, UNDERGOING IVF

25-OH Vitamin D

Vitamin D 98 nmol/L (50 - 140)

Comment on Lab ID 838630332

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: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Iron(s),
Lipids HDL(s), Vit D(s), TSH(s), Homo(e), FBC(e), ESR(e)
Tests Pending : Zn(s), Active B12(s), HbA1c Diag(e)
Sample Pending :

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00314948 **Lab Reference:** 838630332-E-E031
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:
VANESSA EDE

Name of Test: Thyroid Function
Requested: 18/04/2024 **Collected:** 19/04/2024 **Reported:** 22/04/2024
17:42

Clinical notes: CHECK UP, UNDERGOING IVF

Clinical Notes : CHECK UP, UNDERGOING IVF

Thyroid Function

TSH 1.90 mIU/L (0.40 - 3.50)

Comment on Lab ID 838630332

TSH is within reference limits.
Please note that if 'Thyroid function tests' or 'TFTs' are requested as a simple screening test, a TSH level is always done first. If this is increased a T4 level will be done automatically. If this is decreased a T4 and T3 will be performed automatically.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Iron(s),
Lipids HDL(s), TSH(s), Homo(e), FBC(e), ESR(e)
Tests Pending : Vit D(s), Zn(s), Active B12(s), HbA1c Diag(e)
Sample Pending :

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 Sex: F Medicare Number: 2691071463
Your Reference: 00314948 Lab Reference: 838630332-C-C151
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER Referred by: DR NICOLA BARKER
Copy to:
VANESSA EDE

Name of Test: Iron Studies
Requested: 18/04/2024 Collected: 19/04/2024 Reported: 22/04/2024
17:12

Clinical notes: CHECK UP, UNDERGOING IVF

Clinical Notes : CHECK UP, UNDERGOING IVF

IRON

Date	19/11/23	19/04/24		
Time F-Fast	0909 F	0828 F		
Lab ID	837800849	838630332	Units	Reference
Iron		14.4	umol/L	(5.0-30.0)
Transferrin		2.4	g/L	(2.0-3.6)
TIBC (Calc)		54	umol/L	(46-77)
Saturation		27	%	(10-45)
Ferritin	48	34	ug/L	(15-200)

NATA Accreditation No 2178

Tests Completed: Fol(s), LFT(s), C(s), UCreat(s), E(s), Iron(s),
Lipids HDL(s), Homo(e), FBC(e), ESR(e)
Tests Pending : B12(s), Vit D(s), Zn(s), TSH(s), HbA1c Diag(e)
Sample Pending :

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774

Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00314948 **Lab Reference:** 838630332-C-C141
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:
VANESSA EDE

Name of Test: Biochemistry
Requested: 18/04/2024 **Collected:** 19/04/2024 **Reported:** 19/04/2024
12:11

Clinical notes: CHECK UP, UNDERGOING IVF

Clinical Notes : CHECK UP, UNDERGOING IVF

Biochemistry

Status	Fasting		
Sodium	142	mmol/L	(135 - 145)
Potassium	4.7	mmol/L	(3.5 - 5.5)
Chloride	109	mmol/L	(95 - 110)
Bicarbonate	27	mmol/L	(20 - 32)
Urea	3.0	mmol/L	(2.5 - 7.0)
Creatinine	60	umol/L	(45 - 85)
eGFR	>90	mL/min/1.73m2	(>59)
Total Bilirubin	11	umol/L	(3 - 15)
Alk Phos	45	U/L	(20 - 105)
Gamma GT	14	U/L	(5 - 35)
LDH	169	U/L	(120 - 250)
AST	21	U/L	(10 - 35)
ALT	16	U/L	(5 - 30)
Total Protein	L 64	g/L	(68 - 85)
Albumin	45	g/L	(37 - 48)
Globulin	L 19	g/L	(23 - 39)
Cholesterol	4.3	mmol/L	(<5.5)
Triglycerides	0.4	mmol/L	(<2.0)

Comment on Lab ID 838630332

eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Lipids HDL(s),FBC(e)
Tests Pending : B12(s),Fol(s),Iron(s),Vit D(s),Zn(s), TSH(s),Homo(e),
HbA1c Diag(e),ESR(e)
Sample Pending :

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00314948 **Lab Reference:** 838630332-H-H902
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:
VANESSA EDE

Name of Test: Haematology
Requested: 18/04/2024 **Collected:** 19/04/2024 **Reported:** 19/04/2024
12:41

Clinical notes: CHECK UP, UNDERGOING IVF

Clinical Notes : CHECK UP, UNDERGOING IVF

Haematology

Haemoglobin	127	g/L	(119 - 160)
Red cell count	4.0	x10 ¹² /L	(3.8 - 5.8)
Haematocrit	0.37		(0.35 - 0.48)
MCV	94	fL	(80 - 100)
MCH	31.9	pg	(27.0 - 32.0)
MCHC	341	g/L	(310 - 360)
RDW	12.2		(10.0 - 15.0)
White cell count	4.3	x10 ⁹ /L	(4.0 - 11.0)
Neutrophils	L 1.49	x10 ⁹ /L	(2.0 - 7.5)
Lymphocytes	2.28	x10 ⁹ /L	(1.0 - 4.0)
Monocytes	0.35	x10 ⁹ /L	(0.0 - 1.0)
Eosinophils	0.15	x10 ⁹ /L	(0.0 - 0.5)
Basophils	0.05	x10 ⁹ /L	(0.0 - 0.3)
NRBC	<1.0	/100 WBC	(<1)
Platelets	214	x10 ⁹ /L	(150 - 450)
ESR	5	mm/h	(1 - 24)

Comment on Lab ID 838630332

Mild neutropenia.
Drug effect, viral illness or an autoimmune disorder are possible causes.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Lipids HDL(s), FBC(e), ESR(e)
Tests Pending : B12(s), Fol(s), Iron(s), Vit D(s), Zn(s), TSH(s), Homo(e), HbA1c
Diag(e)
Sample Pending :

EDE, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071463
Your Reference: 00314951 **Lab Reference:** 851243824-E-B007
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:

VANESSA EDE

Name of Test: Hormones
Requested: 18/04/2024 **Collected:** 24/04/2024 **Reported:** 24/04/2024
19:42

Clinical notes: DAY 21 WILL BE DOING IVF

Clinical Notes : DAY 21 WILL BE DOING IVF

Reproductive Hormones

(Abbott Method)

Oestradiol	254	pmol/L
Progesterone	11.1	nmol/L

Comment on Lab ID 851243824

Oestradiol	Follicular phase	<320
	Preovulatory phase	450 - 2000
	Luteal phase	125 - 1300
	Post-menopausal	<170

Progesterone	Follicular phase	0.3 - 4.0
	Luteal phase	5.5 - 90.0
	Midluteal	8.5 - 110.0

NATA Accreditation No 2178

Tests Completed: Oest(s), Prog(s), Commenting

Tests Pending :

Sample Pending :

LAWSON, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 **Sex:** F **Medicare Number:** 2691071464
Your Reference: 00314949 **Lab Reference:** 838629408-E-E515
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER **Referred by:** DR NICOLA BARKER
Copy to:

Name of Test: Testo, SHBG, FAI**Requested:** 18/04/2024 **Collected:** 04/05/2024 **Reported:** 04/05/2024
21:11**Clinical notes:** DAY 3 CYCLE UNDERGOING IVF

Clinical Notes : DAY 3 CYCLE UNDERGOING IVF

Androgens

Testosterone	H 2.1	nmol/L	(0.2 - 1.8)
SHBG	98	nmol/L	(30 - 110)
Free Androgen Index	2.1	%	(0.3 - 4.0)

Comment on Lab ID 838629408

NATA Accreditation No 2178

Tests Completed: LH(s), FSH(s), Oest(s), Prog(s), Commenting,
Testosterone(s), .SHBG/FAI(s)

Tests Pending : DHEAS(s),Androstendione(s)
Sample Pending :

LAWSON, VANESSA
14 BARINGA STREET, BLAXLAND. 2774
Phone: 0404846614
Birthdate: 11/02/1986 Sex: F Medicare Number: 2691071464
Your Reference: 00314949 Lab Reference: 838629408-E-B007
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR NICOLA BARKER Referred by: DR NICOLA BARKER
Copy to:

Name of Test: Hormones
Requested: 18/04/2024 Collected: 04/05/2024 Reported: 04/05/2024
22:11

Clinical notes: DAY 3 CYCLE UNDERGOING IVF

Clinical Notes : DAY 3 CYCLE UNDERGOING IVF

Reproductive Hormones
(Abbott Method)

FSH	6.0	IU/L	
LH	2.4	IU/L	
Oestradiol	184	pmol/L	
Progesterone	1.1	nmol/L	
DHEAS	H 13.8	umol/L	(2.4 - 13)

Comment on Lab ID 838629408

FSH	Basal	1.5 - 10
	Mid cycle peak	7.0 - 22
	Post-menopausal	25 - 130

LH	Basal	2.0 - 12
	Mid cycle peak	8.0 - 90
	Post-menopausal	5.0 - 62

Oestradiol	Follicular phase	<320
	Preovulatory phase	450 - 2000
	Luteal phase	125 - 1300
	Post-menopausal	<170

Progesterone	Follicular phase	0.3 - 4.0
	Luteal phase	5.5 - 90.0
	Midluteal	8.5 - 110.0

NATA Accreditation No 2178

Tests Completed: LH(s),FSH(s),Oest(s),Prog(s),DHEAS(s),Commenting,

Testosterone(s), .SHBG/FAI(s)
Tests Pending : Androstendione(s)
Sample Pending :