

PALMER, MADISON MAY
 18 WATSONIA ST, EMU PLAINS. 2750
Birthdate: 24/03/1994 **Sex:** F **Medicare Number:** 2775568243
Your Reference: 00080006 **Lab Reference:** 23-22285523-FBE-0
Laboratory: Laverty Pathology
Addressee: DR MARK GRAYDON **Referred by:** DR MARK GRAYDON

Name of Test: HAEMATOLOGY (FBE-0)
Requested: 07/08/2023 **Collected:** 15/08/2023 **Reported:** 15/08/2023
 21:42

Clinical notes: Vegan fatigue.

Clinical Notes : Vegan fatigue.

		HAEMATOLOGY		
Request Number		17255984	22891018	22285523
Date Collected		7 Jul 22	4 Apr 23	15 Aug 23
Time Collected		09:33	14:38	12:20
Specimen Type: EDTA				
Hb (115-165)	g/L	135	139	139
Hct (0.34-0.47)		0.40	0.43	0.41
RCC (3.9-5.8)	x10 ¹² /L	4.6	4.9	4.6
MCV (79-99)	fL	87	86	89
MCH (27-34)	pg	29	28	30
MCHC (320-360)	g/L	338	327	340
RDW (10.0-17.0)	%	13.5	12.2	12.0
WBC (4.0-11.0)	x10 ⁹ /L	6.8	6.7	5.9
Neut (2.0-7.5)	x10 ⁹ /L	4.2	3.8	3.0
Lymph (1.0-4.0)	x10 ⁹ /L	1.6	1.9	2.1
Mono (0.2-1.0)	x10 ⁹ /L	0.7	0.7	0.6
Eos (< 0.7)	x10 ⁹ /L	0.1	0.2	0.2
Baso (< 0.2)	x10 ⁹ /L	0.1	0.1	0.1
Plat (150-400)	x10 ⁹ /L	282	300	261

HAEMATOLOGY: FBC parameters are within reference range.

Requested Tests : VBF*, TFT*, MBA*, FE*, FBE, DVI*

PALMER, MADISON MAY
18 WATSONIA ST, EMU PLAINS. 2750
Birthdate: 24/03/1994 **Sex:** F **Medicare Number:** 2775568243
Your Reference: 00080006 **Lab Reference:** 23-22285523-FE-0
Laboratory: Laverty Pathology
Addressee: DR MARK GRAYDON **Referred by:** DR MARK GRAYDON

Name of Test: IRON STUDIES (FE-0)
Requested: 07/08/2023 **Collected:** 15/08/2023 **Reported:** 15/08/2023
22:28

Clinical notes: Vegan fatigue.

Clinical Notes : Vegan fatigue.

IRON STUDIES

Request Number	17255984	22285523
Date Collected	7 Jul 22	15 Aug 23
Time Collected	09:33	12:20
Specimen Type: Serum		
Ferritin(30-165) ug/L	20	24

The mildly reduced ferritin concentration is suggestive of 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 : VBF*, TFT, MBA*, FE, FBE, DVI*

PALMER, MADISON MAY
18 WATSONIA ST, EMU PLAINS. 2750
Birthdate: 24/03/1994 **Sex:** F **Medicare Number:** 2775568243
Your Reference: 00080006 **Lab Reference:** 23-22285523-TFT-0
Laboratory: Laverty Pathology
Addressee: DR MARK GRAYDON **Referred by:** DR MARK GRAYDON

Name of Test: THYROID FUNCTION TEST (TFT-0)
Requested: 07/08/2023 **Collected:** 15/08/2023 **Reported:** 15/08/2023
22:28

Clinical notes: Vegan fatigue.

Clinical Notes : Vegan fatigue.

Specimen Type: Serum [THYROID PROFILE](#)
TSH 1.3 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.](#)

Requested Tests : VBF*, TFT, MBA*, FE, FBE, DVI*

PALMER, MADISON MAY
18 WATSONIA ST, EMU PLAINS. 2750
Birthdate: 24/03/1994 **Sex:** F **Medicare Number:** 2775568243
Your Reference: 00080006 **Lab Reference:** 23-22285523-DVI-0
Laboratory: Laverty Pathology
Addressee: DR MARK GRAYDON **Referred by:** DR MARK GRAYDON

Name of Test: VITAMIN D (DVI-0)
Requested: 07/08/2023 **Collected:** 15/08/2023 **Reported:** 15/08/2023
22:51

Clinical notes: Vegan fatigue.

Clinical Notes : Vegan fatigue.

VITAMIN D

Haemolysis	Nil	
Serum 25(OH) Vitamin D	53	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, MBA*, FE, FBE, DVI

PALMER, MADISON MAY
18 WATSONIA ST, EMU PLAINS. 2750
Birthdate: 24/03/1994 **Sex:** F **Medicare Number:** 2775568243
Your Reference: 00080006 **Lab Reference:** 23-22285523-VBF-0
Laboratory: Laverty Pathology
Addressee: DR MARK GRAYDON **Referred by:** DR MARK GRAYDON

Name of Test: B12, FOLATE, R.C.FOLATE (VBF-0)
Requested: 07/08/2023 **Collected:** 15/08/2023 **Reported:** 15/08/2023
23:23

Clinical notes: Vegan fatigue.

Clinical Notes : Vegan fatigue.

VITAMIN B12 AND FOLATE STUDIES

Vitamin B12	309	pmol/L	(301-740)
Active B12	83	pmol/L	(> 40)

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.

Requested Tests : VBF, TFT, MBA*, FE, FBE, DVI

PALMER, MADISON MAY
18 WATSONIA ST, EMU PLAINS. 2750
Birthdate: 24/03/1994 **Sex:** F **Medicare Number:** 2775568243
Your Reference: 00080006 **Lab Reference:** 23-22285523-MBA-0
Laboratory: Laverty Pathology
Addressee: DR MARK GRAYDON **Referred by:** DR MARK GRAYDON

Name of Test: SERUM CHEMISTRY (MBA-0)
Requested: 07/08/2023 **Collected:** 15/08/2023 **Reported:** 16/08/2023
00:14

Clinical notes: Vegan fatigue.

Clinical Notes : Vegan fatigue.

	<u>SERUM CHEMISTRY</u>		
Specimen Type:	Serum		
Haemolysis	Nil		
Icterus	Nil		
Lipaemia	Nil		
Sodium	142	mmol/L	(135-145)
Potassium	3.8	mmol/L	(3.6-5.4)
Chloride	101	mmol/L	(95-110)
Bicarbonate	26	mmol/L	(22-32)
Anion Gap	19	mmol/L	(10-20)
Urea	4.9	mmol/L	(2.5-6.7)
Creatinine	50	umol/L	(45-90)
eGFR	> 90		mL/min/1.73m ²
Bilirubin	17	umol/L	(< 15)
AST	31	U/L	(< 30)
ALT	22	U/L	(< 30)
GGT	11	U/L	(< 30)
Alkaline Phosphatase	70	U/L	(20-105)
Protein	62	g/L	(60-82)
Albumin	44	g/L	(38-50)
Globulin	18	g/L	(20-39)

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 : VBF, TFT, MBA, FE, FBE, DVI