

MCCARTHY, EMMA
 3 FLORENCE ST, JUNEE. 2663
 Phone: 0412684870
 Birthdate: 05/08/1982 Sex: F Medicare Number: 2546234807
 Your Reference: 00314406 Lab Reference: 25-13874699-FBE-0
 Laboratory: Laverty Pathology
 Addressee: DR DARREN CORBETT Referred by: DR DARREN CORBETT

Name of Test: HAEMATOLOGY (FBE-0)
 Requested: 20/05/2025 Collected: 26/05/2025 Reported: 26/05/2025
 12:14

Clinical notes: palpitations.

Clinical Notes : palpitations.

	HAEMATOLOGY		
Request Number	20511242	28909140	13874699
Date Collected	22 Aug 22	15 Jul 24	26 May 25
Time Collected	12:48	00:00	00:00
Specimen Type: EDTA			
Hb (115-165) g/L	152	150	150
Hct (0.34-0.47)	0.44	0.42	0.43
RCC (3.9-5.8) x10 ¹² /L	5.0	4.9	4.9
MCV (79-99) fL	88	86	88
MCH (27-34) pg	30	31	31
MCHC (320-360) g/L	345	354	349
RDW (10.0-17.0) %	12.7	12.9	12.6
WBC (4.0-11.0) x10 ⁹ /L	8.2	10.5	5.8
Neut (2.0-7.5) x10 ⁹ /L	4.4	6.2	2.1
Lymph (1.0-4.0) x10 ⁹ /L	2.4	2.9	2.6
Mono (0.2-1.0) x10 ⁹ /L	0.5	0.8	0.5
Eos (< 0.7) x10 ⁹ /L	0.8	0.5	0.6
Baso (< 0.2) x10 ⁹ /L	0.1	0.1	0.0
Plat (150-400) x10 ⁹ /L	357	373	431

HAEMATOLOGY: Thrombocytosis noted.

Requested Tests : TFT*, GLU*, ESR*, CRP*, MBA*, LIP*, FE*, FBE, A1C*

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Phone: 0412684870

Birthdate: 05/08/1982 Sex: F Medicare Number: 2546234807

Your Reference: 00314406 Lab Reference: 25-13874699-ESR-0

Laboratory: Laverty Pathology

Addressee: DR DARREN CORBETT Referred by: DR DARREN CORBETT

Name of Test: E.S.R (ESR-0)

Requested: 20/05/2025 Collected: 26/05/2025 Reported: 26/05/2025
13:35

Clinical notes: palpitations.

Clinical Notes : palpitations.

	HAEMATOLOGY		
Request Number	20511242	28909140	13874699
Date Collected	22 Aug 22	15 Jul 24	26 May 25
Time Collected	12:48	00:00	00:00
Specimen Type: EDTA			
ESR (< 30) mm/hr	9	14	12

Requested Tests : TFT*, GLU*, ESR, CRP*, MBA*, LIP*, FE*, FBE, A1C*

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 Phone: 0412684870
 Birthdate: 05/08/1982 Sex: F Medicare Number: 2546234807
 Your Reference: 00314406 Lab Reference: 25-13874699-A1C-0
 Laboratory: Laverty Pathology
 Addressee: DR DARREN CORBETT Referred by: DR DARREN CORBETT

Name of Test: GLYCATED HAEMOGLOBIN (A1C-0)
 Requested: 20/05/2025 Collected: 26/05/2025 Reported: 26/05/2025
 23:29

Clinical notes: palpitations.

Clinical Notes : palpitations.

	GLYCATED HAEMOGLOBIN (HbA1c)		
Request Number	20511242	28909140	13874699
Date Collected	22 Aug 22	15 Jul 24	26 May 25
Time Collected	12:48	00:00	00:00
Specimen Type: EDTA			
HbA1c-NGSP (4.0-6.0) %	4.9	4.9	4.9
HbA1c-IFCC (20-42) mmol/m	30	30	30

The WHO recommends that an HbA1c cut-off of $\geq 6.5\%$ (48 mmol/mol) is used to diagnose type 2 diabetes.

While it is recognised that HbA1c levels approaching this cut-off place patients at increasingly higher risk of developing diabetes ($<6.5\%$), there is no consensus as to exactly which cut-off at the lower end of the continuum to use for categorising patients as high risk. Various groups quote lower limits for at-risk patients that vary between 5.5% and 6.0% (37 and 42 mmol/mol).

Please note that HbA1c should not be used for diagnosing diabetes mellitus in the following circumstances:

- Children and young people
- Pregnancy - current or within the past 2 months
- Suspected Type 1 diabetes mellitus
- Symptoms of diabetes for <2 months
- Patients who are acutely ill
- Patients taking drugs that can cause rapid onset hyperglycaemia such as corticosteroids, antipsychotic drugs
- Acute pancreatic damage or pancreatic surgery
- Kidney failure
- Patients being treated for HIV infection

Please be cautious when requesting or interpreting HbA1c when patients:

- May have an abnormal haemoglobin
- May be anaemic
- May have an altered red cell lifespan (e.g. post-splenectomy)
- May have had a recent blood transfusion

Requested Tests : TFT, GLU, ESR, CRP, MBA*, LIP, FE, FBE, A1C

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Your Reference: 00314406 Lab Reference: 25-13874699-CRP-0
Laboratory: Laverty Pathology
Addressee: DR DARREN CORBETT Referred by: DR DARREN CORBETT

Name of Test: C-REACTIVE PROTEIN (CRP-0)
Requested: 20/05/2025 Collected: 26/05/2025 Reported: 26/05/2025
23:15

Clinical notes: palpitations.

Clinical Notes : palpitations.

	C-REACTIVE PROTEIN		
Request Number	20511242	28909140	13874699
Date Collected	22 Aug 22	15 Jul 24	26 May 25
Time Collected	12:48	00:00	00:00
Specimen Type: Serum			
CRP (< 6.0) mg/L	8.4	10.8	9.3

Requested Tests : TFT, GLU, ESR, CRP, MBA*, LIP, FE, FBE, A1C*

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 Birthdate: 05/08/1982 Sex: F Medicare Number: 2546234807
 Your Reference: 00314406 Lab Reference: 25-13874699-FE-0
 Laboratory: Laverty Pathology
 Addressee: DR DARREN CORBETT Referred by: DR DARREN CORBETT

Name of Test: IRON STUDIES (FE-0)
 Requested: 20/05/2025 Collected: 26/05/2025 Reported: 26/05/2025
 23:15

Clinical notes: palpitations.

Clinical Notes : palpitations.

IRON STUDIES

Request Number	20511242	13874699
Date Collected	22 Aug 22	26 May 25
Time Collected	12:48	00:00
Specimen Type: Serum		
Iron (10-30) umol/L	38	6
T'ferrin(32-48) umol/L	32	30
T. Sat. (13-45) %	61	10
Ferritin(30-165) ug/L	51	29

The mildly reduced ferritin, together with a low transferrin saturation, 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 : TFT, GLU, ESR, CRP, MBA*, LIP, FE, FBE, A1C*

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Your Reference: 00314406 Lab Reference: 25-13874699-LIP-0

Laboratory: Laverty Pathology

Addressee: DR DARREN CORBETT Referred by: DR DARREN CORBETT

Name of Test: LIPID STUDIES (LIP-0)

Requested: 20/05/2025 Collected: 26/05/2025 Reported: 26/05/2025
23:15

Clinical notes: palpitations.

Clinical Notes : palpitations.

Request Number 20511242 28909140 13874699
Date Collected 22 Aug 22 15 Jul 24 26 May 25
Time Collected 12:48 00:00 00:00
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	Nil	Nil
Icterus	Nil	Nil	Nil
Lipaemia	Nil	Nil	Nil

Fasting status		Fasting	Random	Fasting
Chol (3.9-5.2)	mmol/L	4.4	6.0	5.3
Trig (0.5-1.7)	mmol/L	1.3	0.7	0.9
HDL (1.0-2.0)	mmol/L		1.6	1.3
LDL (1.5-3.4)	mmol/L		4.1	3.6
Non-HDL (< 3.4)	mmol/L		4.4	4.0
Chol/HDL(< 4.5)			3.8	4.1

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 : TFT, GLU, ESR, CRP, MBA*, LIP, FE, FBE, A1C*

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Birthdate: 05/08/1982 Sex: F Medicare Number: 2546234807
Your Reference: 00314406 Lab Reference: 25-13874699-TFT-0
Laboratory: Laverty Pathology
Addressee: DR DARREN CORBETT Referred by: DR DARREN CORBETT

Name of Test: THYROID FUNCTION TEST (TFT-0)
Requested: 20/05/2025 Collected: 26/05/2025 Reported: 26/05/2025
23:15

Clinical notes: palpitations.

Clinical Notes : palpitations.

	THYROID PROFILE	
Request Number	20511242	13874699
Date Collected	22 Aug 22	26 May 25
Time Collected	12:48	00:00
Specimen Type: Serum		
TSH (0.5-4.0) mIU/L	2.9	3.0

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 : TFT, GLU, ESR, CRP, MBA*, LIP, FE, FBE, A1C*

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Your Reference: 00314406 Lab Reference: 25-13874699-GLU-0

Laboratory: Lavery Pathology

Addressee: DR DARREN CORBETT Referred by: DR DARREN CORBETT

Name of Test: GLUCOSE (GLU-0)

Requested: 20/05/2025 Collected: 26/05/2025 Reported: 26/05/2025
23:16

Clinical notes: palpitations.

Clinical Notes : palpitations.

SERUM/PLASMA GLUCOSE

Request Number	20511242	28909140	13874699
Date Collected	22 Aug 22	15 Jul 24	26 May 25
Time Collected	12:48	00:00	00:00
Fasting status	Fasting	Random	Fasting
Serum (3.4-5.4) mmol/L	4.9	5.3	4.9

Normal glucose concentration.

Requested Tests : TFT, GLU, ESR, CRP, MBA*, LIP, FE, FBE, A1C*

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 Your Reference: 00314406 Lab Reference: 25-13874699-MBA-0
 Laboratory: Laverty Pathology
 Addressee: DR DARREN CORBETT Referred by: DR DARREN CORBETT

Name of Test: SERUM CHEMISTRY (MBA-0)
 Requested: 20/05/2025 Collected: 26/05/2025 Reported: 27/05/2025
 01:08

Clinical notes: palpitations.

Clinical Notes : palpitations.

SERUM CHEMISTRY

Request Number	20511242	28909140	13874699
Date Collected	22 Aug 22	15 Jul 24	26 May 25
Time Collected	12:48	00:00	00:00
Specimen Type: Serum			

Haemolysis	Nil	Nil	Nil
Icterus	Nil	Nil	Nil
Lipaemia	Nil	Nil	Nil
Na (135-145)	mmol/L	138	140
K (3.6-5.4)	mmol/L	4.5	4.7
Cl (95-110)	mmol/L	102	105
HCO3 (22-32)	mmol/L	24	24
An Gap (10-20)	mmol/L	16	16
Urea (2.5-8.0)	mmol/L	3.3	3.6
Creat (45-90)	umol/L	65	65
eGFR mL/min/1.73sqM	> 90	> 90	> 90
Urate (0.14-0.36)	mmol/L	0.31	0.29
Bili (< 15)	umol/L	12	9
AST (< 30)	U/L	18	22
ALT (< 30)	U/L	16	22
GGT (< 35)	U/L	22	20
Alk Phos (20-105)	U/L	122	84
Protein (60-82)	g/L	69	74
Albumin (38-50)	g/L	41	44
Glob (20-39)	g/L	28	30
Ca (2.10-2.60)	mmol/L	2.34	2.53
Corr Ca (2.10-2.60)	mmol/L	2.38	2.51
PO4 (0.75-1.50)	mmol/L	1.02	1.13
CPK (< 211)	U/L		69
Lipase (6-70)	U/L		28
Mg (0.70-1.10)	mmol/L		0.80
			0.73

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 : TFT, GLU, ESR, CRP, MBA, LIP, FE, FBE, A1C