

HEYWOOD, TIANA
 7A FLINDERS LANE, MAROOCHYDORE. 4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-CBC-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: MASTER FULL BLOOD COUNT
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 31/01/2024
 17:29

CUMULATIVE FULL BLOOD EXAMINATION

****PROVISIONAL REPORT-FINAL TO FOLLOW****

Date	31/01/24
Time	06:31
Lab No	75250797
Hb	115 g/L (115-160)
RCC	5.8 x10 ^12 /L (3.6-5.2)
Hct	0.37 (0.33-0.46)
MCV	63 fL (80-98)
MCH	20 pg (27-35)
Plats	372 x10 ^9 /L (150-450)
WCC	7.0 x10 ^9 /L (4.0-11.0)
Neuts	56 % 3.9 x10 ^9 /L (2.0-7.5)
Lymphs	31 % 2.2 x10 ^9 /L (1.1-4.0)
Monos	8 % 0.6 x10 ^9 /L (0.2-1.0)
Eos	4 % 0.28 x10 ^9 /L (0.04-0.40)
Basos	1 % 0.07 x10 ^9 /L (< 0.21)
E.S.R.	pending mm/hr (1-20)

***** Automated INTERIM Report *****
 Provisional analyser Parameters - subject to final confirmation.
 A verified Count with WCC Differential Report to follow.
 If there is any markedly abnormal result which is clinically
 unexpected, please contact QML Haematology on 07 3121 4444
 as soon as practicable.
 A Final FBC Report is expected within 24 hours.
 ***** Automated INTERIM Report *****

Tests Completed:
 Tests Pending :TFT, IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2,
 LH
 Tests Pending :FREE TESTOSTERONE, FSH, SE CORTISOL, GLIADIN AB, FBC, SERUM
 FOLATE
 Tests Pending :SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT, SE C-REACTIVE PROTEIN
 Tests Pending :17-OHP, ESR, ANDROSTENEDIONE, DHEAS

HEYWOOD, TIANA
7A FLINDERS LANE, MAROOCHYDORE.4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-THY-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: THYROID TEST MASTER
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 31/01/2024
17:50

CUMULATIVE SERUM THYROID FUNCTION TESTS

Date	31/01/24
Time	06:31
Lab No	75250797
TSH	2.0 mIU/L (0.50-4.00)

Euthyroid level. However if hypopituitarism (rare) is suspected, free T4 assay may be indicated.

Tests Completed:TFT, DHEAS
Tests Pending :IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH
Tests Pending :FREE TESTOSTERONE, FSH, SE CORTISOL, GLIADIN AB, FBC, SERUM FOLATE
Tests Pending :SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT, SE C-REACTIVE PROTEIN
Tests Pending :17-OHP, ESR, ANDROSTENEDIONE

HEYWOOD, TIANA
7A FLINDERS LANE, MAROOCHYDORE.4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-DHE-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: DHE-S
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 31/01/2024
17:50

CUMULATIVE DEHYDROEPIANDROSTERONE-SULPHATE

Date 31/01/24
Time 06:31
Lab No 75250797

DHEAS 5.7 umol/L (0.8-10.3)

DHEAS 2100 ng/mL (300-3800)

Tests Completed:TFT, DHEAS
Tests Pending :IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH
Tests Pending :FREE TESTOSTERONE, FSH, SE CORTISOL, GLIADIN AB, FBC, SERUM
FOLATE
Tests Pending :SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT, SE C-REACTIVE PROTEIN
Tests Pending :17-OHP, ESR, ANDROSTENEDIONE

HEYWOOD, TIANA
7A FLINDERS LANE, MAROOCHYDORE.4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-ESR-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: ERYTHROCYTE SEDIMENT RATE
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 31/01/2024
18:15

Erythrocyte Sedimentation Rate 2 mm/hr (1-20)

Tests Completed:TFT, ESR, DHEAS
Tests Pending :IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH
Tests Pending :FREE TESTOSTERONE, FSH, SE CORTISOL, GLIADIN AB, FBC, SERUM
FOLATE
Tests Pending :SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT, SE C-REACTIVE PROTEIN
Tests Pending :17-OHP, ANDROSTENEDIONE

HEYWOOD, TIANA
7A FLINDERS LANE, MAROOCHYDORE.4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-CRP-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: C REACTIVE PROTEIN
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 31/01/2024
18:48

CUMULATIVE SERUM COMPLEMENT AND C-REACTIVE PROTEIN (CRP)
Date 31/01/24
Time 06:31
Lab No 75250797

CRP < 5 mg/L(0-6)

C-reactive protein (CRP) is a non-specific indicator of tissue damage.
The level rises rapidly (within 6-10 hours) after tissue injury, peaks at 48-72 hours and returns to normal within a few days. Common causes of markedly increased CRP include infection (particularly bacterial), trauma, surgery, myocardial infarction, many malignancies and inflammatory disorders.

Tests Completed:TFT, IRON STUDIES, SE U/C/ELECTS, SE LFT, SE C-REACTIVE PROTEIN, ESR
Tests Completed:DHEAS
Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH
Tests Pending :SE CORTISOL, GLIADIN AB, FBC, SERUM FOLATE, SERUM VITAMIN B12, 17-OHP
Tests Pending :ANDROSTENEDIONE

HEYWOOD, TIANA
 7A FLINDERS LANE, MAROOCHYDORE. 4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-25T-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: E/LFT (MASTER)
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 31/01/2024
 18:48

CUMULATIVE SERUM BIOCHEMISTRY		
Date	31/01/24	
Time	06:31	
Lab No	75250797	
Sodium	140	mmol/L (137-147)
Potass.	4.2	mmol/L (3.5-5.0)
Chloride	105	mmol/L (96-109)
Bicarb	26	mmol/L (25-33)
An.Gap	13	mmol/L (4-17)
Urea	3.7	mmol/L (2.0-7.0)
Creat	60	umol/L (40-100)
eGFR	> 90	mL/min (over 59)
T.Bili	6	umol/L (2-20)
Alk.P	59	U/L (30-115)
GGT	12	U/L (0-45)
ALT	12	U/L (0-45)
AST	14	U/L (0-41)
LD	139	U/L (80-250)
T.Prot	70	g/L (60-82)
Alb	48	g/L (35-50)
Glob	22	g/L (20-40)
Lab No	75250797	
Date	31/01/24	

Tests Completed:TFT, IRON STUDIES, SE U/C/ELECTS, SE LFT, SE C-REACTIVE PROTEIN, ESR
 Tests Completed:DHEAS
 Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH
 Tests Pending :SE CORTISOL, GLIADIN AB, FBC, SERUM FOLATE, SERUM VITAMIN B12, 17-OHP
 Tests Pending :ANDROSTENEDIONE

HEYWOOD, TIANA
 7A FLINDERS LANE, MAROOCHYDORE.4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-ISM-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: MASTER IRON STUDIES
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 31/01/2024
 18:48

CUMULATIVE IRON STUDIES			
Date	31/01/24		
Time	06:31		
Lab No	75250797		
Iron	16	umol/L	(10-33)
TIBC	50	umol/L	(45-70)
Saturation	32	%	(16-50)
Ferritin	31	ug/L	(25-290)

75250797 **Comment:**
 Low-normal iron stores.
 A functional deficiency may exist in chronic disease states such
 as chronic kidney disease (CKD) or disorders of Erythropoiesis.

Tests Completed:TFT, IRON STUDIES, SE U/C/ELECTS, SE LFT, SE C-REACTIVE PROTEIN,
 ESR
 Tests Completed:DHEAS
 Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE
 TESTOSTERONE, FSH
 Tests Pending :SE CORTISOL, GLIADIN AB, FBC, SERUM FOLATE, SERUM VITAMIN B12,
 17-OHP
 Tests Pending :ANDROSTENEDIONE

HEYWOOD, TIANA
 7A FLINDERS LANE, MAROOCHYDORE.4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-BFM-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: MASTER VITAMIN B12 FOLATE
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 31/01/2024
 23:12

CUMULATIVE VITAMIN B12 AND FOLATE ASSAYS

Date	31/01/24
Time	06:31
Lab No	75250797

B12 Total	279	pmol/L	(162-811)
Active B12	79	pmol/L	(> 35)
S.Fol.	28.9	nmol/L	(8.4-55.0)

Comment:
 75250797

Serum Folate Assay:
 Adequate Serum Folate.
 In the absence of recent oral intake, a serum folate >13 nmol/L effectively rules out folate deficiency. Consider repeat fasting Folate, if there has been inadequate fasting, and clinical concern remains.

Serum Vitamin B12 Assay:
 The vitamin B12 level is in the indeterminate range.
 B12 depletion may exist with levels up to 350 pmol/L
 Correlation with Folate levels as well as Holo TC (Active B12) assay is recommended.

Holo TC Assay:
 No vitamin B12 deficiency.

Methodology:
 B12 and Active B12 (HoloTC) assays performed on Siemens Atellica analyser.

For Doctor clinical enquiries, please contact Dr Peter Davidson 07 3121 4444.
 Patients should contact their referring doctor in regard to this result.

Tests Completed:ACTIVE VITAMIN B12, TFT, IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12
 Tests Completed:SE U/C/ELECTS, SE LFT, SE C-REACTIVE PROTEIN, ESR, DHEAS
 Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH
 Tests Pending :SE CORTISOL, GLIADIN AB, FBC, 17-OHP, ANDROSTENEDIONE

HEYWOOD, TIANA
7A FLINDERS LANE, MAROOCHYDORE.4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-COR-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: ADRENAL MASTER
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 01/02/2024
01:17

ADRENAL STUDIES

+ **Serum Cortisol** 760 nmol/L 8am (220-720)
Collection time: 6:31 am

Absolute exclusion of Cushing's requires demonstration of an adequately suppressed cortisol level (<140 nmol/L) after 1mg of oral dexamethasone at 11pm the night before.

Tests Completed:ACTIVE VITAMIN B12, TFT, IRON STUDIES, SE CORTISOL, SERUM FOLATE
Tests Completed:SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT, SE C-REACTIVE PROTEIN, ESR
Tests Completed:DHEAS
Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH
Tests Pending :GLIADIN AB, FBC, 17-OHP, ANDROSTENEDIONE

HEYWOOD, TIANA
7A FLINDERS LANE, MAROOCHYDORE. 4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-DIO-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: ANDROSTENEDIONE
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 01/02/2024
02:06

CUMULATIVE ANDROSTENEDIONE

Date	31/01/24
Time	06:31
Lab No	75250797
Androstendione	9.2 nmol/L (< 5.8)

75250797 This is an elevated Androgen level, which may point to

- . an Androgen - excess syndrome.
- . Stein-Leventhal / Polycystic ovaries
- . Cushing's syndrome
- . Androgen-producing neoplasm of Ovary or Adrenal.
- . Adult-onset Partial CAH (-congenital enzyme anomaly)
- . Hypothyroidism
- . opiate use
- . hormone implant

Tests Completed:ACTIVE VITAMIN B12, TFT, IRON STUDIES, SE CORTISOL, SERUM FOLATE
Tests Completed:SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT, SE C-REACTIVE PROTEIN, ESR
Tests Completed:ANDROSTENEDIONE, DHEAS
Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH
Tests Pending :GLIADIN AB, FBC, 17-OHP

HEYWOOD, TIANA
 7A FLINDERS LANE, MAROOCHYDORE. 4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-FHM-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: FERTILITY HORMONE MASTER
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 01/02/2024
 03:04

CUMULATIVE FERTILITY HORMONES

Date	31/01/24			
Time	06:31			
Lab No	75250797			
LH			11	IU/L
FSH			5	IU/L
E2			330	pmol/L
Prog			7	nmol/L
Testo.			1.3	nmol/L (0.4-2.1)
fTesto.c			18	pmol/L (4-46)
SHBG			46	nmol/L (18-114)
Ranges:	Follicular Phase	Midcycle Peak	Luteal Phase	Post-Menopausal
LH	2 - 12	10 - 130	1 - 17	15 - 60
FSH	1 - 10	3 - 33	1 - 9	20 - 140
Oestradiol	70 - 530	230 - 1310	200 - 790	< 120
Progesterone	< 5	rising	20 - 110	< 3

Tests Completed:ACTIVE VITAMIN B12, TFT, IRON STUDIES, TOTAL TESTOSTERONE, SHBG
 Tests Completed:PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH, SE CORTISOL
 Tests Completed:SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
 Tests Completed:SE C-REACTIVE PROTEIN, ESR, ANDROSTENEDIONE, DHEAS
 Tests Pending :GLIADIN AB, FBC, 17-OHP

HEYWOOD, TIANA
7A FLINDERS LANE, MAROOCHYDORE.4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-OHP-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: HYDROXY PROGESTERONE
Requested: 23/01/2024 **Collected:** 31/01/2024 **Reported:** 01/02/2024
10:41

CUMULATIVE 17 HYDROXY-PROGESTERONE

Date	31/01/24
Time	06:31
Lab No	75250797
17-OHP	4.6 nmol/L Follicular (0.6 - 4.5) Luteal (2.4 - 15.1) Post Menopausal < 1.5

Early morning 17OHP of less than 2.5 nmol/L in children and less than 6 nmol/L in women during the follicular phase rule out the diagnosis of non-classical 21-hydroxylase deficiency in most cases. Higher values in the setting of high clinical suspicion, Synacthen Stimulation of 17OHP testing would be warranted.

Tests Completed:ACTIVE VITAMIN B12, TFT, IRON STUDIES, TOTAL TESTOSTERONE, SHBG
Tests Completed:PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH, SE CORTISOL
Tests Completed:SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
Tests Completed:SE C-REACTIVE PROTEIN, 17-OHP, ESR, ANDROSTENEDIONE, DHEAS
Tests Pending :GLIADIN AB, FBC

HEYWOOD, TIANA
7A FLINDERS LANE, MAROOCHYDORE.4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-CDW-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: COELIAC AB MASTER
Requested: 24/01/2024 **Collected:** 31/01/2024 **Reported:** 01/02/2024
13:54

COELIAC DISEASE SEROLOGY

Gliadin IgG (deamidated peptide) Negative 0.6 FLU (< 11.0)

Negative serology makes the diagnosis of untreated coeliac disease (CD) unlikely, provided the patient is on a gluten containing diet. Tissue transglutaminase IgA antibodies are a more specific marker for coeliac disease.

If a strong clinical suspicion for CD exists, genetic testing for coeliac disease (HLA DQ2/DQ8) should be considered. A negative result for DQ2/DQ8 makes the diagnosis of coeliac disease highly unlikely. A small bowel biopsy may be required in the event of a positive DQ2/DG8 result.

For enquiries, contact Dr Paul Campbell 07 3121 4444
Patients should contact their referring doctor in regard to this result.

Tests Completed:ACTIVE VITAMIN B12, TFT, IRON STUDIES, TOTAL TESTOSTERONE, SHBG
Tests Completed:PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH, SE CORTISOL, GLIADIN AB
Tests Completed:SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
Tests Completed:SE C-REACTIVE PROTEIN, 17-OHP, ESR, ANDROSTENEDIONE, DHEAS
Tests Pending :FBC

HEYWOOD, TIANA
 7A FLINDERS LANE, MAROOCHYDORE.4558
Phone: 07 54740848
Birthdate: 10/09/2003 **Sex:** F **Medicare Number:** 42648984582
Your Reference: **Lab Reference:** 24-75250797-CBC-0
Laboratory: QML Pathology
Addressee: DR LISA HAMMERTON **Referred by:** DR LISA HAMMERTON

Name of Test: MASTER FULL BLOOD COUNT
Requested: 24/01/2024 **Collected:** 31/01/2024 **Reported:** 02/02/2024
 10:19

CUMULATIVE FULL BLOOD EXAMINATION

Date	31/01/24
Time	06:31
Lab No	75250797

Hb	115	g/L	(115-160)
RCC	5.8	x10 ^12 /L	(3.6-5.2)
Hct	0.37		(0.33-0.46)
MCV	63	fL	(80-98)
MCH	20	pg	(27-35)
Plats	372	x10 ^9 /L	(150-450)
WCC	7.0	x10 ^9 /L	(4.0-11.0)
Neuts	56 %	3.9 x10 ^9 /L	(2.0-7.5)
Lymphs	31 %	2.2 x10 ^9 /L	(1.1-4.0)
Monos	8 %	0.6 x10 ^9 /L	(0.2-1.0)
Eos	4 %	0.28 x10 ^9 /L	(0.04-0.40)
Basos	1 %	0.07 x10 ^9 /L	(< 0.21)
E.S.R.	2	mm/hr	(1-20)

75250797 **Comment:**
 The red cell parameters are most suggestive of thalassaemia trait. Suggest thalassaemia screen.

Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

**** FINAL REPORT - this replaces the previous Interim FBC reported at 31/01/2024 5:29 pm ****

Tests Completed:ACTIVE VITAMIN B12, TFT, IRON STUDIES, TOTAL TESTOSTERONE, SHBG
 Tests Completed:PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH, SE CORTISOL, GLIADIN AB
 Tests Completed:FBC, SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
 Tests Completed:SE C-REACTIVE PROTEIN, 17-OHP, ESR, ANDROSTENEDIONE, DHEAS
 Tests Pending :