

CRANRIDGE, AMANDA
22 MCCAULEY CRESCENT, GLENBROOK. 2773
Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667271
Your Reference: 00025803 Lab Reference: 839225055-H-_HAEM VIRTUAL
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Haematology
Requested: 13/03/2024 Collected: 14/03/2024 Reported: 14/03/2024
14:20

Clinical notes: LETHARGY, MIGRAINES, ACNE

Clinical Notes : LETHARGY, MIGRAINES, ACNE

HAEMATOLOGY

Date	02/06/23	23/08/23	14/03/24		
Time F-Fast	1456	1007 F	0835 F		
Lab ID	887947672	835363860	839225055	Units	Reference
Haemoglobin	121	137	131	g/L	(119-160)
RCC	4.3	4.8	4.5	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.36	0.41	0.39		
(0.35-0.48)					
MCV	84	85	88	fL	(80-100)
MCH	28.2	28.4	29.2	pg	
(27.0-32.0)					
MCHC	336	333	334	g/L	(310-360)
RDW	12.7	12.7	12.6		
(10.0-15.0)					
WCC	7.9	7.3	5.8	x10 ⁹ /L	(4.0-11.0)
Neutrophils	4.86	4.33	3.67	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	2.35	2.43	1.67	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.55	0.46	0.33	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.08	0.04	0.03	x10 ⁹ /L	(0.0-0.5)
Basophils	0.05	0.06	0.06	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	337	367	374	x10 ⁹ /L	(150-450)
ESR		17	8	mm/h	(1-17)

Comments on Collection 14/03/24 0835 F:
Full blood count is within reference limits

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), FBC(e), ESR(e)
Tests Pending : DHEAS(s), Fol(s), Glu(p), Iron(s), Vit D(s), Zn(s), Cu(s),
: TFT(s), Testosterone(s), Active B12(s), SHBG/FAI(s)
Sample Pending :

CRANRIDGE, AMANDA
22 MCCAULEY CRESCENT, GLENBROOK. 2773
Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667271
Your Reference: 00025803 Lab Reference: 839225055-C-Biochemistry
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Biochemistry
Requested: 13/03/2024 Collected: 14/03/2024 Reported: 14/03/2024
14:20

Clinical notes: LETHARGY, MIGRAINES, ACNE

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BIOCHEMISTRY

Date	02/06/23	23/08/23	14/03/24		
Time F-Fast	1456	1007 F	0835 F		
Lab ID	887947672	835363860	839225055	Units	Reference
Status	Random	Fasting			
Sodium	142	138	139	mmol/L	(135-145)
Potassium	3.9	4.3	3.8	mmol/L	(3.5-5.5)
Chloride	106	108	108	mmol/L	(95-110)
Bicarbonate	24	24	24	mmol/L	(20-32)
Urea	4.2	3.5	2.6	mmol/L	(2.5-6.5)
Creatinine	70	70	70	umol/L	(45-85)
eGFR	>90	>90	>90	mL/min/1.73m2	(>59)
Bili.Total	10		5	umol/L	(3-15)
ALP	54		41	U/L	(20-105)
GGT	7		7	U/L	(5-35)
LD	164		169	U/L	(120-250)
AST	18		18	U/L	(10-35)
ALT	19		17	U/L	(5-30)
Total Protein	70		L 67	g/L	(68-85)
Albumin	45	40	40	g/L	(37-48)
Globulin	25		27	g/L	(23-39)

Comments on Collection 14/03/24 0835 F:
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), FBC(e), ESR(e)
Tests Pending : DHEAS(s), FOL(s), Glu(p), Iron(s), Vit D(s), Zn(s), Cu(s),
:TFT(s), Testosterone(s), Active B12(s), .SHBG/FAI(s)
Sample Pending :

CRANRIDGE, AMANDA
22 MCCAULEY CRESCENT, GLENBROOK. 2773
Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667271
Your Reference: 00025803 Lab Reference: 839225055-C-Iron Studies
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Iron Studies
Requested: 13/03/2024 Collected: 14/03/2024 Reported: 15/03/2024
01:50

Clinical notes: LETHARGY, MIGRAINES, ACNE

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IRON

Date	02/06/23	23/08/23	14/03/24		
Time F-Fast	1456	1007 F	0835 F		
Lab ID	887947672	835363860	839225055	Units	Reference
Iron	24.4	27.9	11.5	umol/L	(5.0-30.0)
Transferrin	2.7	2.9	2.6	g/L	(2.0-3.6)
TIBC (Calc)	60	64	58	umol/L	(46-77)
Saturation	41	44	20	%	(10-45)
Ferritin	L 7	25	24	ug/L	(15-200)

Comments on Collection 14/03/24 0835 F:
Serum ferritin levels between 15-30 ug/L may reflect depleted iron stores
and iron therapy may be indicated.

NATA Accreditation No 2178

Tests Completed: DHEAS(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Iron(s), TFT(s), Active B12(s), FBC(e), ESR(e)
Tests Pending : Vit D(s), Zn(s), Cu(s), Testosterone(s), SHBG/FAI(s)
Sample Pending :

CRANRIDGE, AMANDA
22 MCCAULEY CRESCENT, GLENBROOK. 2773
Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667271
Your Reference: 00025803 Lab Reference: 839225055-E-Vitamin
B12/Folate

Laboratory: Douglass Hanly Moir Pathology
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: B12/Folate/RCF
Requested: 13/03/2024 Collected: 14/03/2024 Reported: 15/03/2024
01:50

Clinical notes: LETHARGY, MIGRAINES, ACNE

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VIT B12 & FOLATE

Date	02/06/23	14/03/24		
Time F-Fast	1456	0835 F		
Lab ID	887947672	839225055	Units	Reference
Vitamin B12	215		pmol/L	(135-650)
Active B12	61	45	pmol/L	(>35)
S.Fol (Abbott)	23.4	14.9	nmol/L	(>7.0)

NATA Accreditation No 2178

Tests Completed: DHEAS(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Iron(s), :TFT(s), Active B12(s), FBC(e), ESR(e)
Tests Pending : Vit D(s), Zn(s), Cu(s), Testosterone(s), .SHBG/FAI(s)
Sample Pending :

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Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667271
Your Reference: 00025803 Lab Reference: 839225055-C-C731
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Metals, Blood
Requested: 13/03/2024 Collected: 14/03/2024 Reported: 19/03/2024
19:20

Clinical notes: LETHARGY, MIGRAINES, ACNE

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Heavy Metals

Serum Copper	H 26	umol/L	(12 - 22)
Serum Zinc	11	umol/L	(10 - 18)

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Tests Completed: DHEAS(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Iron(s), Vit D(s), Zn(s), Cu(s), :TFT(s), Testosterone(s),
Active B12(s), .SHBG/FAI(s), FBC(e), ESR(e)

Tests Pending :
Sample Pending :

CRANRIDGE, AMANDA
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Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667271
Your Reference: 00025803 Lab Reference: 839225055-C-VITD
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Vit D(s)
Requested: 13/03/2024 Collected: 14/03/2024 Reported: 15/03/2024
02:20

Clinical notes: LETHARGY, MIGRAINES, ACNE

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Date	02/06/23	23/08/23	14/03/24		
Time F-Fast	1456	1007 F	0835 F		
Lab ID	887947672	835363860	839225055	Units	Reference
Vitamin D	L 37	84	76	nmol/L	(50-140)

Comments on Collection 14/03/24 0835 F:

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: DHEAS(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Iron(s), Vit D(s), TFT(s), Active B12(s), FBC(e), ESR(e)
Tests Pending : Zn(s), Cu(s), Testosterone(s), SHBG/FAI(s)
Sample Pending :

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Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667271
Your Reference: 00025803 Lab Reference: 839225055-E-Testo, SHBG, FAI
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Testo, SHBG, FAI
Requested: 13/03/2024 Collected: 14/03/2024 Reported: 15/03/2024
07:20

Clinical notes: LETHARGY, MIGRAINES, ACNE

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TESTOSTERONE, SHBG AND FAI

Date	23/08/23	14/03/24		
Time F-Fast	1007 F	0835 F		
Lab ID	835363860	839225055	Units	Reference
Testosterone	0.9	0.7	nmol/L	(0.2-1.8)
SHBG	H 325	H 237	nmol/L	(30-110)
FAI	0.3	0.3	%	(0.3-4.0)

NATA Accreditation No 2178

Tests Completed: DHEAS(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Iron(s), Vit D(s), TTT(s), Testosterone(s),
Active B12(s), SHBG/FAI(s), FBC(e), ESR(e)
Tests Pending : Zn(s), Cu(s)
Sample Pending :

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 Phone: 0467691075
 Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667271
 Your Reference: 00025803 Lab Reference: 839225055-E-Thyroid
 Function
 Laboratory: Douglass Hanly Moir Pathology
 Addressee: DR LUJING LIU Referred by: DR LUJING LIU
 Name of Test: Thyroid Function
 Requested: 13/03/2024 Collected: 14/03/2024 Reported: 15/03/2024
 01:50

Clinical notes: LETHARGY, MIGRAINES, ACNE

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TFT

Date	02/06/23	23/08/23	14/03/24	Units	Reference
Time F-Fast	1456	1007 F	0835 F		
Lab ID	887947672	835363860	839225055		
TSH	1.12	1.88	1.78	mIU/L	
(0.40-3.50)					
Free T4			15.4	pmol/L	(9.0-19.0)
Free T3			5.2	pmol/L	(2.6-6.0)

Comments on Collection 14/03/24 0835 F:
 Euthyroid values.

NATA Accreditation No 2178

Tests Completed: DHEAS(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
 Iron(s), :TFT(s), Active B12(s), FEC(e), ESR(e)
 Tests Pending : Vit D(s), Zn(s), Cu(s), Testosterone(s), .SHBG/FAI(s)
 Sample Pending :

CRANRIDGE, AMANDA
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Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667271
Your Reference: 00025803 Lab Reference: 839225055-E-Hormones
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Hormones
Requested: 13/03/2024 Collected: 14/03/2024 Reported: 15/03/2024
01:50

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Reproductive Hormones
(Abbott Method)

DHEAS 4.2 umol/L (2.4 - 13)

Comment on Lab ID 839225055

NATA Accreditation No 2178

Tests Completed: DHEAS(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Iron(s), TFT(s), Active B12(s), FBC(e), ESR(e)
Tests Pending : Vit D(s), Zn(s), Cu(s), Testosterone(s), SHBG/FAI(s)
Sample Pending :

CRANRIDGE, AMANDA
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phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667271
Your Reference: 00025803 Lab Reference: 839225055-C_Glucose
Laboratory: Douglass Hanly Moir Pathology
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Glucose
Requested: 13/03/2024 Collected: 14/03/2024 Reported: 14/03/2024
14:50

Clinical notes: LETHARGY, MIGRAINES, ACNE

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GLUCOSE

Date	02/06/23	23/08/23	14/03/24		
Time F-Fast	1456	1007 F	0835 F		
Lab ID	887947672	835363860	839225055	Units	Reference
F Gluc Plasma		4.4	4.5	mmol/L	(3.6-6.0)
R Gluc Plasma	5.2			mmol/L	(3.6-7.7)

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Glu(p), FBC(e), ESR(e)
Tests Pending : DHEAS(s), Fol(s), Iron(s), Vit D(s), Zn(s), Cu(s), :TFT(s),
Testosterone(s), Active B12(s), .SHBG/FAI(s)
Sample Pending :