

CRANRIDGE, AMANDA
22 MCCAULEY CRESCENT, GLENBROOK. 2773
Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667279
Your Reference: 00023333 Lab Reference: 835363860-H- HAEM VIRTUAL
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Haematology
Requested: 23/08/2023 Collected: 23/08/2023 Reported: 23/08/2023
16:12

Clinical notes: IRON AND VITAMIN D DEFICIENCY HAIRLOSS FASTING

Clinical Notes : IRON AND VITAMIN D DEFICIENCY HAIRLOSS
FASTING

HAEMATOLOGY

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

Comments on Collection 23/08/23 1007 F:
Full blood count is within reference limits

NATA Accreditation No 2178

Tests Completed: FBC(e), ESR(e)
Tests Pending : LH(s), FSH(s), Oest(s), Prog(s), DHEAS(s), Commenting,
C(s), UCreat(s), E(s), Glu(p), Phos(s), Iron(s), Ca(s),
Mg(s), Vit D(s), TSH(s), Testosterone(s), SHBG/FAI(s), ANA(s)
Sample Pending :

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22 MOCCAULEY CRESCENT, GLENBROOK. 2773
Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667279
Your Reference: 00023333 Lab Reference: 835363860-C-Biochemistry
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Biochemistry
Requested: 23/08/2023 Collected: 23/08/2023 Reported: 23/08/2023
17:12

Clinical notes: IRON AND VITAMIN D DEFICIENCY HAIRLOSS FASTING

Clinical Notes : IRON AND VITAMIN D DEFICIENCY HAIRLOSS
FASTING

BIOCHEMISTRY

Date	02/06/23	23/08/23		
Time F-Fast	1456	1007 F		
Lab ID	887947672	835363860	Units	Reference
Status	Random			
Sodium	142	138	mmol/L	(135-145)
Potassium	3.9	4.3	mmol/L	(3.5-5.5)
Chloride	106	108	mmol/L	(95-110)
Bicarbonate	24	24	mmol/L	(20-32)
Urea	4.2	3.5	mmol/L	(2.5-6.5)
Creatinine	70	70	umol/L	(45-85)
eGFR	>90	>90	mL/min/1.73m2	(>59)
Calcium	2.41	2.32	mmol/L	
(2.15-2.55)				
Corr Calcium	2.37	2.38	mmol/L	
(2.15-2.55)				
Magnesium	0.73	0.84	mmol/L	
(0.65-1.00)				
Phosphate	1.25	1.16	mmol/L	(0.8-1.5)
Albumin	45	40	g/L	(37-48)

Comments on Collection 23/08/23 1007 F:
eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: C(s), UCreat(s), E(s), Phos(s), Ca(s), Mg(s), FBC(e), ESR(e)
Tests Pending : LH(s), FSH(s), Oest(s), Prog(s), DHEAS(s), Commenting,
Glu(p), Iron(s), Vit D(s), TSH(s), Testosterone(s),
.SHBG/FAI(s), ANA(s)

Sample Pending :

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22 MCCAULEY CRESCENT, GLENBROOK. 2773
Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667279
Your Reference: 00023333 Lab Reference: 835363860-C- Glucose
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Glucose
Requested: 23/08/2023 Collected: 23/08/2023 Reported: 23/08/2023
18:12

Clinical notes: IRON AND VITAMIN D DEFICIENCY HAIRLOSS FASTING

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GLUCOSE

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

NATA Accreditation No 2178

Tests Completed: C(s),UCreat(s),E(s),Glu(p),Phos(s),Ca(s),Mg(s),
FBC(e),ESR(e)

Tests Pending : LH(s),FSH(s),Oest(s),Prog(s),DHEAS(s),Commenting,
Iron(s),Vit D(s),TSH(s),Testosterone(s),.SHBG/FAI(s),ANA(s)

Sample Pending :

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Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667279
Your Reference: 00023333 Lab Reference: 835363860-C-Iron Studies
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Iron Studies
Requested: 23/08/2023 Collected: 23/08/2023 Reported: 24/08/2023
07:12

Clinical notes: IRON AND VITAMIN D DEFICIENCY HAIRLOSS FASTING

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IRON

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

Comments on Collection 23/08/23 1007 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: Prog(s), DHEAS(s), C(s), UCreat(s), E(s), Glu(p), Phos(s),
Iron(s), Ca(s), Mg(s), Vit D(s), TSH(s), Testosterone(s),
FBC(e), ESR(e)

Tests Pending : LH(s), FSH(s), Oest(s), Commenting, .SHBG/FAI(s), ANA(s)
Sample Pending :

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Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667279
Your Reference: 00023333 Lab Reference: 835363860-C-VITD
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Vit D(s)
Requested: 23/08/2023 Collected: 23/08/2023 Reported: 24/08/2023
07:12

Clinical notes: IRON AND VITAMIN D DEFICIENCY HAIRLOSS FASTING

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FASTING

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

Comments on Collection 23/08/23 1007 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: Prog(s), DHEAS(s), C(s), UCreat(s), E(s), Glu(p), Phos(s),
Iron(s), Ca(s), Mg(s), Vit D(s), TSH(s), Testosterone(s),
FBC(e), ESR(e)

Tests Pending : LH(s), FSH(s), Oest(s), Commenting, .SHBG/FAI(s), ANA(s)
Sample Pending :

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Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667279
Your Reference: 00023333 Lab Reference: 835363860-I-ANA
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR LUJING LIU Referred by: DR LUJING LIU
Name of Test: ANA(s)
Requested: 23/08/2023 Collected: 23/08/2023 Reported: 24/08/2023
22:12

Clinical notes: IRON AND VITAMIN D DEFICIENCY HAIRLOSS FASTING

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FASTING

Antinuclear Antibodies

ANA Not Detected

Comment on Lab ID 835363860

Screening titre - 1:80

NATA Accreditation No 2178

Tests Completed: LH(s),FSH(s),Oest(s),Prog(s),DHEAS(s),Commenting,
C(s),UCreat(s),E(s),Glu(p),Phos(s),Iron(s),Ca(s),
Mg(s),Vit D(s),TSH(s),Testosterone(s),.SHBG/FAI(s),
FBC(e),ESR(e),ANA(s)

Tests Pending :
Sample Pending :

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Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667279
Your Reference: 00023333 Lab Reference: 835363860-E-Thyroid
Function
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR LUJING LIU Referred by: DR LUJING LIU
Name of Test: Thyroid Function
Requested: 23/08/2023 Collected: 23/08/2023 Reported: 24/08/2023
07:12

Clinical notes: IRON AND VITAMIN D DEFICIENCY HAIRLOSS FASTING

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FASTING

TFT

Date	02/06/23	23/08/23		
Time F-Fast	1456	1007 F		
Lab ID	887947672	835363860	Units	Reference
TSH	1.12	1.88	mIU/L	
(0.40-3.50)				

NATA Accreditation No 2178

Tests Completed: Prog(s), DHEAS(s), C(s), UCreat(s), E(s), Glu(p), Phos(s),
Iron(s), Ca(s), Mg(s), Vit D(s), TSH(s), Testosterone(s),
FBC(e), ESR(e)
Tests Pending : LH(s), FSH(s), Oest(s), Commenting, .SHBG/FAI(s), ANA(s)
Sample Pending :

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Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667279
Your Reference: 00023333 Lab Reference: 835363860-E-Testo, SHBG, FAI
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Testo, SHBG, FAI
Requested: 23/08/2023 Collected: 23/08/2023 Reported: 24/08/2023
09:12

Clinical notes: IRON AND VITAMIN D DEFICIENCY HAIRLOSS FASTING

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FASTING

Androgens

Testosterone	0.9	nmol/L	(0.2 - 1.8)
SHBG	H 325	nmol/L	(30 - 110)
Free Androgen Index	0.3	%	(0.3 - 4.0)

Comment on Lab ID 835363860

An elevated SHBG may be associated with exogenous hormone such as OCP use.

NATA Accreditation No 2178

Tests Completed: Prog(s), DHEAS(s), C(s), UCreat(s), E(s), Glu(p), Phos(s),
Iron(s), Ca(s), Mg(s), Vit D(s), TSH(s), Testosterone(s),
.SHBG/FAI(s), FBC(e), ESR(e)

Tests Pending : LH(s), FSH(s), Oest(s), Commenting, ANA(s)

Sample Pending :

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Phone: 0467691075
Birthdate: 14/11/1999 Sex: F Medicare Number: 2240667279
Your Reference: 00023333 Lab Reference: 835363860-E-Hormones
Laboratory: Douglass Hanly Moir Pathology eOrder
Addressee: DR LUJING LIU Referred by: DR LUJING LIU

Name of Test: Hormones
Requested: 23/08/2023 Collected: 23/08/2023 Reported: 24/08/2023
19:12

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Reproductive Hormones
(Abbott Method)

FSH	0.3	IU/L	
LH	<0.1	IU/L	
Oestradiol	<50	pmol/L	
Progesterone	0.5	nmol/L	
DHEAS	5.6	umol/L	(2.4 - 13)

Comment on Lab ID 835363860

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,
C(s), UCreat(s), E(s), Glu(p), Phos(s), Iron(s), Ca(s),
Mg(s), Vit D(s), TSH(s), Testosterone(s), .SHBG/FAI(s),
FBC(e), ESR(e)
Tests Pending : ANA(s)
Sample Pending :

