

DOUGLASS HANLY MOIR PATHOLOGY - Reference No: 896319476 Status: F
Patient: Fleur COOPER **Linked by:** Emma Pike
DOB: 26/09/2007 **Message:** **No action**
Address: 30 Corkery Cres ALLAMBIE HEIGHTS 2100
Ordered by: Dr Samantha Pomroy on 25/06/2025
Collected: 30/06/2025 - 8:26 AM **Notified by:** on 00/00/0000
Reported: 01/07/2025 **Message:**

prior prl

Cortisol

Cortisol am 370 nmol/L (138 - 650)
 Collection Time 0826 Hrs

Comment on Lab ID 896319476

NATA Accreditation No 2178

Tests Completed: LH(s), FSH(s), Oest(s), Prog(s), HCG Quant(s),
 Reprod Hormones, LFT(s), C(s), UCreat(s), E(s), Glu(p),
 Phos(s), Iron(s), Ca(s), Mg(s), Vit D(s), :TFT(s),
 Growth Hormone(s), Prol(s), Testosterone(s), PTH(e),
 .SHBG/FAI(s), ACTH(e), CortAM(s), FBC(e)

Tests Pending : IGF-1(s)

Sample Pending :

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Date	24/03/25	29/04/25	16/06/25	30/06/25		
Time F-Fast	0835 F	0935 F	0821 F	0826 F		
Lab ID	893763340	894202045	896318665	896319476	Units	Reference
Prolactin (Roche)	H 1254	H 1001	H 1166	H 1037	mIU/L	(85-500)
%Recovery				35	%	

Comments on Collection 30/06/25 0826 F:

A post-PEG recovery of less than 40% is consistent with the presence of a significant oligomeric/macro- Prolactin component. Please note that the presence of oligomeric/macro- Prolactin does not exclude pituitary pathology for which further investigation(s) may be indicated.

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 Reprod Hormones, LFT(s), C(s), UCreat(s), E(s), Glu(p),
 Phos(s), Iron(s), Ca(s), Mg(s), Vit D(s), :TFT(s),
 Growth Hormone(s), Prol(s), Testosterone(s), PTH(e),

Sample Pending :

Reported: 01/07/2025 **Message:**

ACTH	4.0	pmol/L	(<12.1)
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Comment on Lab ID 896319476

Tests Completed: LH(s),FSH(s),Oest(s),Prog(s),HCG Quant(s),
Reprod Hormones,LFT(s),C(s),UCreat(s),E(s),Glu(p),
Phos(s),Iron(s),Ca(s),Mg(s),Vit D(s),:TFT(s),
Growth Hormone(s),Testosterone(s), PTH(e),
.SHBG/FAI(s),ACTH(e),FBC(e)

Sample Pending :

Reported: 01/07/2025 **Message:**

Growth Hormone (Immulite Method)

Growth Hormone	11.7	mIU/L	(0 - 15)
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Comment on Lab ID 896319476

To convert Growth Hormone from mIU/L to ng/ml or ug/L, multiply the result above by 0.333.

For example, 10.0 mIU/L equals 3.3 ug/L.

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Reprod Hormones,LFT(s),C(s),UCreat(s),E(s),Glu(p),
Phos(s),Iron(s),Ca(s),Mg(s),Vit D(s),:TFT(s),

Growth Hormone(s), Testosterone(s), PTH(e),
.SHBG/FAI(s), FBC(e)

Tests Pending : Prol(s), IGF-1(s), ACTH(e), CortAM(s)

Sample Pending :

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Androgens

Testosterone	1.4	nmol/L	(0.2 - 1.8)
SHBG	L 23	nmol/L	(30 - 110)
Free Androgen Index	H 6.1	%	(0.3 - 4.0)

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Combined results suggestive of polycystic ovary syndrome.

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Phos(s), Iron(s), Ca(s), Mg(s), Vit D(s), :TFT(s),
Testosterone(s), PTH(e), .SHBG/FAI(s), FBC(e)
Tests Pending : Growth Hormone(s), Prol(s), IGF-1(s), ACTH(e), CortAM(s)
Sample Pending :

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Reproductive Hormones (Abbott Method)

FSH	1.1	IU/L
LH	0.4	IU/L
Oestradiol	120	pmol/L
Progesterone	5.4	nmol/L

Comment on Lab ID 896319476

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

? Dietary or exogenous hormone effect. If not, pituitary pathology may need to be excluded.

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

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Phos(s), Iron(s), Ca(s), Mg(s), Vit D(s), :TFT(s),
Testosterone(s), PTH(e), .SHBG/FAI(s), FBC(e)

Tests Pending : Growth Hormone(s), Prol(s), IGF-1(s), ACTH(e), CortAM(s)
Sample Pending :

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TFT

Date	29/04/24	03/03/25	30/06/25		
Time F-Fast	1541	1657	0826 F		
Lab ID	837570026	894104679	896319476	Units	Reference
TSH	0.52	0.72	0.64	mIU/L	(0.35-6.00)
Free T4			11.6	pmol/L	(8.0-22.0)
Free T3			4.0	pmol/L	(2.6-6.0)

Comments on Collection 30/06/25 0826 F:
Euthyroid values.

NATA Accreditation No 2178

Tests Completed: Oest(s), Prog(s), HCG Quant(s), LFT(s), C(s), UCreat(s),
E(s), Glu(p), Phos(s), Iron(s), Ca(s), Mg(s), Vit D(s),
:TFT(s), PTH(e), FBC(e)

Tests Pending : LH(s), FSH(s), Reprod Hormones, Growth Hormone(s),

Prol(s), Testosterone(s), .SHBG/FAI(s), IGF-1(s),
ACTH(e), CortAM(s)

Sample Pending :

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Date	29/04/24	30/06/25		
Time F-Fast	1541	0826 F		
Lab ID	837570026	896319476	Units	Reference
Vitamin D	126	125	nmol/L	(50-140)

Comments on Collection 30/06/25 0826 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: Oest(s), Prog(s), HCG Quant(s), LFT(s), C(s), UCreat(s),
 E(s), Glu(p), Phos(s), Iron(s), Ca(s), Mg(s), Vit D(s),
 :TFT(s), PTH(e), FBC(e)

Tests Pending : LH(s), FSH(s), Reprod Hormones, Growth Hormone(s),
 Prol(s), Testosterone(s), .SHBG/FAI(s), IGF-1(s),
 ACTH(e), CortAM(s)

Sample Pending :

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IRON

Date	29/04/24	30/06/25		
Time F-Fast	1541	0826 F		
Lab ID	837570026	896319476	Units	Reference
Iron	13.3	20.3	umol/L	(5.0-30.0)
Transferrin	2.2	2.3	g/L	(2.0-3.6)
TIBC (Calc)	50	52	umol/L	(46-77)
Saturation	27	39	%	(10-45)
Ferritin	91	93	ug/L	(15-200)

NATA Accreditation No 2178

Tests Completed: Oest(s), Prog(s), HCG Quant(s), LFT(s), C(s), UCreat(s),
E(s), Glu(p), Phos(s), Iron(s), Ca(s), Mg(s), Vit D(s),
:TFT(s), PTH(e), FBC(e)

Tests Pending : LH(s), FSH(s), Reprod Hormones, Growth Hormone(s),
Prol(s), Testosterone(s), .SHBG/FAI(s), IGF-1(s),
ACTH(e), CortAM(s)

Sample Pending :

DOUGLASS HANLY MOIR PATHOLOGY - Reference No: 896319476 Status: F

Patient:	Fleur COOPER	Linked by:	Emma Pike
DOB:	26/09/2007	Message:	No action
Address:	30 Corkery Cres ALLAMBIE HEIGHTS 2100		
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BhCG - Quantitative

Human Chorionic Gonadotrophin <5 IU/L

Comment on Lab ID 896319476

Expected values for normal pregnancy

Gestational age (from LMP)	IU/L		
4 weeks	16	-	160
4-5 weeks	100	-	5000
5-6 weeks	1000	-	30000
6-7 weeks	2500	-	80000
7-8 weeks	23000	-	150000
8-9 weeks	27000	-	230000
9-13 weeks	21000	-	290000
2nd trimester	6000	-	100000
3rd trimester	3000	-	80000

Non Pregnant female - less than 5 IU/L

NATA Accreditation No 2178

Tests Completed: Oest(s), Prog(s), HCG Quant(s), LFT(s), C(s), UCreat(s),
E(s), Glu(p), Phos(s), Iron(s), Ca(s), Mg(s), Vit D(s),
:TFT(s), PTH(e), FBC(e)

Tests Pending : LH(s), FSH(s), Reprod Hormones, Growth Hormone(s),
Prol(s), Testosterone(s), .SHBG/FAI(s), IGF-1(s),
ACTH(e), CortAM(s)

Sample Pending :

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Date	29/04/24	03/03/25	30/06/25		
Time F-Fast	1541	1657	0826 F		
Lab ID	837570026	894104679	896319476	Units	Reference
PTH (Roche)	4.9	3.6	2.3	pmol/L	(1.6-6.9)
Calcium	2.43	2.38	2.47	mmol/L	(2.25-2.65)
Corr Calcium	2.29	L 2.24	2.37	mmol/L	(2.25-2.60)
Albumin	H 50	H 50	48	g/L	(38-49)

NATA Accreditation No 2178

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

Tests Pending : LH(s), FSH(s), Oest(s), Prog(s), HCG Quant(s),
Reprod Hormones, Iron(s), Vit D(s), :TFT(s),
Growth Hormone(s), Prol(s), Testosterone(s),
.SHBG/FAI(s), IGF-1(s), ACTH(e), CortAM(s)

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BIOCHEMISTRY

Date	29/04/24	03/03/25	30/06/25		
Time F-Fast	1541	1657	0826 F		
Lab ID	837570026	894104679	896319476	Units	Reference
Status			Fasting		
Sodium	141		140	mmol/L	(135-145)
Potassium	3.9		4.3	mmol/L	(3.5-5.5)
Chloride	108		107	mmol/L	(95-110)
Bicarbonate	25		22	mmol/L	(20-32)
Urea	5.7		H 6.7	mmol/L	(2.5-6.0)
Creatinine	60		65	umol/L	(45-85)
Calcium	2.43	2.38	2.47	mmol/L	(2.25-2.65)
Corr Calcium	2.29	L 2.24	2.37	mmol/L	(2.25-2.60)
Magnesium.	0.75		0.72	mmol/L	(0.65-1.00)
Phosphate.	1.18		1.33	mmol/L	(0.8-1.5)

Bili.Total	5	12	umol/L	(3-15)
ALP	89	72	U/L	(50-135)
GGT	14	16	U/L	(5-35)
LD	181	171	U/L	(120-250)
AST	22	21	U/L	(10-35)
ALT	16	16	U/L	(5-30)
Total Protein	78	73	g/L	(65-82)
Albumin	H 50	H 50	g/L	(38-49)
Globulin	28	25	g/L	(23-39)

NATA Accreditation No 2178

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

Tests Pending : LH(s), FSH(s), Oest(s), Prog(s), HCG Quant(s),
Reprod Hormones, Iron(s), Vit D(s), :TFT(s),
Growth Hormone(s), Prol(s), Testosterone(s), PTH(e),
.SHBG/FAI(s), IGF-1(s), ACTH(e), CortAM(s)

Sample Pending :

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Glucose

Glucose Fasting 4.5 mmol/L (3.6 - 6.0)

Comment on Lab ID 896319476

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Tests Completed: Glu(p), FBC(e)

Tests Pending : LH(s), FSH(s), Oest(s), Prog(s), HCG Quant(s),
Reprod Hormones, LFT(s), C(s), UCreat(s), E(s), Phos(s),
Iron(s), Ca(s), Mg(s), Vit D(s), :TFT(s),
Growth Hormone(s), Prol(s), Testosterone(s), PTH(e),
.SHBG/FAI(s), IGF-1(s), ACTH(e), CortAM(s)

Sample Pending :

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Haematology

Haemoglobin	136	g/L	(119 - 160)
Red cell count	4.8	x10 ¹² /L	(3.8 - 5.8)
Haematocrit	0.41		(0.35 - 0.48)
MCV	85	fL	(78 - 96)
MCH	28.3	pg	(26.0 - 32.0)
MCHC	334	g/L	(310 - 360)
RDW	11.8		(10.0 - 15.0)
White cell count	5.8	x10 ⁹ /L	(4.0 - 11.0)
Neutrophils	2.90	x10 ⁹ /L	(1.8 - 8.0)
Lymphocytes	2.00	x10 ⁹ /L	(1.0 - 4.0)
Monocytes	0.53	x10 ⁹ /L	(0.0 - 1.0)
Eosinophils	0.29	x10 ⁹ /L	(0.0 - 0.5)
Basophils	0.06	x10 ⁹ /L	(0.0 - 0.3)
NRBC	<1.0	/100 WBC	(<1)
Platelets	271	x10 ⁹ /L	(150 - 450)

Comment on Lab ID 896319476

Full blood count is within reference limits

NATA Accreditation No 2178

Tests Completed: FBC(e)

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 Phos(s), Iron(s), Ca(s), Mg(s), Vit D(s), :TFT(s),
 Growth Hormone(s), Prol(s), Testosterone(s), PTH(e),
 .SHBG/FAI(s), IGF-1(s), ACTH(e), CortAM(s)

Sample Pending :