

Full Blood Count on 28/06/2023

Clinical Notes: late periods
Pathologist: Dr C. Harris

Full Blood Count (Whole Blood)

Coll Date:	24/03/23	28/06/23		
Coll Time:	12:47	11:12		
Lab Number:	10067927	10735850		
HAEMOGLOBIN	134	133	(115-165)	g/L
RBC	4.6	4.6	(3.8-5.8)	10 ¹² /L
HCT	0.42	0.41	(0.32-0.46)	
MCV	91.0	89.2	(80.0-100.0)	fL
MCH	29	29	(26-32)	pg
MCHC	321	328	(300-360)	g/L
RDW	13.2	12.7	(< 15.1)	%
WCC	7.3	7.4	(4.0-11.0)	
Neutrophils	3.9	3.9	(2.0-8.0)	
Lymphocytes	2.8	2.7	(1.0-4.0)	
Monocytes	0.6	0.6	(0.2-1.0)	
Eosinophils	0.0	0.1	(< 0.8)	
Basophils	0.0	0.0	(< 0.2)	
PLATELETS	290	266	(150-400)	10 ⁹ /L
MPV	12.5 H	11.8 H	(6.5-11.0)	fL

No significant abnormality.

Tests to follow: CHEM, FE, HOR, BhCG, AMH, BSL

Beta Hcg Quantitative on 28/06/2023

Clinical Notes: late periods
Pathologist: A/Prof P. Stewart

Reproductive (Serum)

Coll Date:	28/06/23
Coll Time:	11:12
Lab Number:	10735850
Beta HCG	< 2 (< 6) IU/L

Gestational Age	Expected hCG Values (IU/L)
2- 4 weeks	39 - 8,388
5- 6 weeks	861 - 88,769
6- 8 weeks	8,636 - 218,085
8-10 weeks	18,700 - 244,467
10-12 weeks	23,143 - 181,899
13-27 weeks	6,303 - 97,171
28-40 weeks	4,360 - 74,883

Tests to follow: CHEM,FE,HOR,AMH

Glucose on 28/06/2023

Clinical Notes: late periods

Pathologist: A/Prof P. Stewart

Glucose (Serum)

Coll Date:	24/03/23	28/06/23
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Glucose Random	4.6	4.8	(3.0-7.7)	mmol/L
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Diabetes unlikely (no documented laboratory history of diabetes). Retest every 3 years if low risk.

Tests to follow: CHEM,FE,HOR,AMH

Biochemistry, Serum on 28/06/2023

Clinical Notes: late periods

Pathologist: A/Prof P. Stewart

Biochemistry (Serum)

Coll Date:	24/03/23	28/06/23
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Sodium	140	137	(135-145)	mmol/L
Potassium	5.0	4.3	(3.5-5.5)	mmol/L
Chloride	105	103	(95-110)	mmol/L
Bicarbonate	27	26	(22-32)	mmol/L
Anion Gap	13	12	(8-19)	mmol/L
Urea	5.3	5.4	(3.2-8.2)	mmol/L
Creatinine	68	69	(45-90)	umol/L
eGFR	> 90	> 90	(> 59)	
Urate	0.23	0.22	(0.15-0.40)	mmol/L
Total Protein	72	73	(60-80)	g/L
Globulin	32	32	(23-39)	g/L
Albumin	40	41	(34-50)	g/L
Bilirubin	11	11	(< 21)	umol/L
Alk. Phosphatase	47	48	(30-110)	U/L
Gamma GT	11	13	(< 36)	U/L
ALT	24	28	(< 35)	U/L
AST	21	22	(< 30)	U/L
LD	166	170	(120-250)	U/L
Calcium	2.41	2.39	(2.10-2.60)	mmol/L
Adj. Calcium	2.41	2.37	(2.10-2.60)	mmol/L
Phosphate	1.30	1.35	(0.75-1.50)	mmol/L
Magnesium	0.87		(0.70-1.10)	mmol/L

Status	Random		Random			
Cholesterol	6.8	H	6.8	H	(< 5.6)	mmol/L
Triglyceride	0.7		1.0		(< 2.1)	mmol/L

Tests to follow: FE,AMH

Hormones on 28/06/2023

Clinical Notes: late periods
Pathologist: A/Prof P. Stewart

Reproductive Hormones (Serum)

Coll Date:	24/03/23	28/06/23	
Coll Time:	12:47	11:12	
Lab Number:	10067927	10735850	
LH	4.5	6.2	U/L
FSH	8.8	4.5	IU/L
LH/FSH Ratio	0.5	1.4	(< 2.0)
Oestradiol	153	264	pmol/L
Progesterone	1.5	15.4	nmol/L
DHEAS	3.7		(0.7-12.0) umol/L
Testosterone	0.7	0.7	(0.3-1.8) nmol/L
SHBG		69	(11-180) nmol/L
Prolactin		99	(60-600) mIU/L
Bioav.Testo.		0.2	nmol/L
FAI		1.0	(0.3-9.8) %

	Luteal	Mid cycle	Follic.	Pregnant	Menopause
LH	0.5-17.0	9.0-76.0	2.0-12.0	<0.1-1.5	16.0-54.0
FSH	1.5-9.0	3.0-33.0	2.5-10.0	<0.3	23.0-116.0
E2	285-786	235-1309	72-529		<118
PRG	10.0-80.0	14.1-89.1	<4.5		<2.3

Bioavailable Testosterone Reference Intervals

Pre-menopausal (0.1-0.9)

Post-menopausal (0.1-0.7)

FAI Reference Intervals

Pre-menopausal (0.3-9.8)

Post-menopausal (0.2-5.9)

Tests to follow: FE,AMH

Iron Studies on 28/06/2023

Clinical Notes: late periods
Pathologist: Dr C. Harris

Iron Studies (Serum)

Coll Date:	24/03/23	28/06/23
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Coll Time:	12:47	11:12		
Lab Number:	10067927	10735850		
Ferritin	69	87	(30-200)	ug/L
Iron		21	(9-30)	umol/L
Transferrin		2.2	(2.0-3.6)	g/L
Transferrin Sat.		38	(15-50)	%

Tests to follow: AMH

Amh on 28/06/2023

Clinical Notes: late periods
Pathologist: A/Prof P. Stewart

Anti-Mullerian Hormone (Serum)

Coll Date:	28/06/23		
Coll Time:	11:12		
Lab Number:	10735850		
AMH	27.8	(1.0-53.5)	pmol/L

This test is currently being assessed for NATA/RCPA endorsement.

Tests to follow: All Tests now completed