Clinical Notes: routine ra, on methotrexate
Pathologist: Dr C. Harris

Full Blood Count (Whole Blood)

Coll Date:	**29/07/23**		
Coll Time:	**09:25**		
Lab Number:	**10971256**		
HAEMOGLOBIN	129	(115-165)	g/L
RBC	4.1	(3.8-5.8)	10^12/L
HCT	0.39	(0.32-0.46)	
MCV	96.2	(80.0-100.0)	fL
MCH	32	(26-32)	pg
MCHC	329	(300-360)	g/L
RDW	15.0	(< 15.1)	%
WCC	6.8	(4.0-11.0)	10^9/L
Neutrophils	4.1	(2.0-8.0)	10^9/L
Lymphocytes	1.9	(1.0-4.0)	10^9/L
Monocytes	0.4	(0.2-1.0)	10^9/L
Eosinophils	0.4	(< 0.8)	10^9/L
Basophils	0.0	(< 0.2)	10^9/L
PLATELETS	306	(150-400)	10^9/L
MPV	7.3	(6.5-11.0)	fL

FBC parameters normal.

Tests to follow: HbA1C

Clinical Notes: routine ra, on methotrexate
Pathologist: A/Prof P. Stewart

Biochemistry (Serum)

Coll Date:	**29/07/23**			
Coll Time:	**09:25**			
Lab Number:	**10971256**			
Sodium	140		(135-145)	mmol/L
Potassium	4.9		(3.5-5.5)	mmol/L
Chloride	104		(95-110)	mmol/L
Bicarbonate	29		(22-32)	mmol/L
Anion Gap	12		(8-19)	mmol/L
Urea	4.5		(3.2-8.2)	mmol/L
Creatinine	94	H	(45-90)	umol/L
eGFR	66		(> 59)	
Total Protein	73		(60-80)	g/L
Globulin	34		(23-39)	g/L
Albumin	39		(34-50)	g/L
Bilirubin Total	9		(< 21)	umol/L
Alk. Phosphatase	76		(30-110)	U/L
Gamma GT	17		(< 36)	U/L
ALT	35	H	(< 35)	U/L
AST	38	H	(< 30)	U/L
Calcium	2.44		(2.10-2.60)	mmol/L
Adj. Calcium	2.46		(2.10-2.60)	mmol/L
Phosphate	1.13		(0.75-1.50)	mmol/L
Magnesium	0.84		(0.70-1.10)	mmol/L

Tests to follow: FE,FBC,HbA1C,TFT

Clinical Information:

Clinical Notes: routine ra, on methotrexate
Pathologist: Dr C. Harris

Iron Studies (Serum)

Coll Date:	**29/07/23**
Coll Time:	**09:25**
Lab Number:	**10971256**

Ferritin	55	(30-200)	ug/L

Tests to follow: HbA1C

Clinical Information:

Clinical Notes: routine ra, on methotrexate
Pathologist: Dr C. Harris

B12/Folate (Serum)

Coll Date:	**29/07/23**		
Coll Time:	**09:25**		
Lab Number:	**10971256**		
Vitamin B12	438	(156-670)	pmol/L
Serum Folate	34.9	(> 12.0)	nmol/L

Tests to follow: FE,FBC,HbA1C,TFT

Clinical Information:

Clinical Notes: routine ra, on methotrexate
Pathologist: A/Prof P. Stewart

Diabetic Testing (Whole Blood)

Coll Date:	**29/07/23**
Coll Time:	**09:25**
Lab Number:	**10971256**

HbA1c (NGSP)	5.4	(4.0-5.9)	%
HbA1c (IFCC)	36	(20-41)	mmol/mol

Tests to follow: All Tests now completed

Clinical Notes: routine ra, on methotrexate
Pathologist: A/Prof P. Stewart

Glucose (Serum/Plasma)

Coll Date:	**29/07/23**
Coll Time:	**09:25**
Lab Number:	**10971256**

Glucose Fasting	5.4	(3.0-5.4)	mmol/L

Diabetes unlikely (no documented laboratory history of diabetes). Retest every 3 years if low risk.

Tests to follow: FE,FBC,HbA1C,TFT

Clinical Notes: routine ra, on methotrexate
Pathologist: A/Prof P. Stewart

Lipid Studies (Serum)

Coll Date:	**29/07/23**			
Coll Time:	**09:25**			
Lab Number:	**10971256**			
Status	Fasting			
Cholesterol	6.5	H	(< 5.6)	mmol/L
Triglyceride	0.9		(< 2.1)	mmol/L
HDL-c	1.8		(> 1.1)	mmol/L
LDL-c	4.3	H	(< 3.1)	mmol/L
TC/HDL-c	3.6		(< 4.5)	
Non-HDL-c	4.7	H	(< 4.1)	mmol/L

National Heart Foundation treatment targets for high risk patients:

Cholesterol	<4.0
Triglyceride	<2.0
HDL-c	>1.0
LDL-c	<2.5(<1.8 mmol/L for very high risk)
Non-HDL-c	<3.3(<2.5 mmol/L for very high risk)

Tests to follow: FE,FBC,HbA1C,TFT

Clinical Notes: routine ra, on methotrexate
Pathologist: A/Prof P. Stewart

C-Reactive Protein (Serum)

Coll Date:	**29/07/23**
Coll Time:	**09:25**
Lab Number:	**10971256**

C-Reactive Prot.	3.0	(< 5.0)	mg/L

Tests to follow: FE,FBC,HbA1C,TFT