

**PLATINUM BLOOD PROFILE**  
**WALK-IN CLINIC**  
**TEL: 020 7323 1023**

**HAEMATOLOGY (Blood)**

Haemoglobin	148		( 130-170 )	g/L
Haematocrit	0.459		(0.400-0.500)	L/L
RBC	5.9	H	( 4.5-5.5 )	x10e12/L
MCV	78.3	L	( 81-101 )	fL
MCH	25.3	L	( 27-32 )	pg
MCHC	322		( 315-345 )	g/L
RDW	14.2	H	( 11.6-14.0 )	%
Platelets	292		( 150-410 )	x10e9/L
MPV	10.0		( 9.0-12.0 )	fL
WBC	5.9		( 4.0-10.0 )	x10e9/L
Neutrophils	3.5		( 2.0-7.0 )	x10e9/L
Lymphocytes	1.6		( 1.0-3.0 )	x10e9/L
Monocytes	0.6		( 0.2-1.0 )	x10e9/L
Eosinophils	0.15		( 0.02-0.5 )	x10e9/L
Basophils	0.05		( 0.02-0.10 )	x10e9/L
ESR	2		( 0-10 )	mm/Hour
Vitamin B12	408		( 191-663 )	pg/mL
Serum Folate	4.7		( > 3.8 )	ng/mL

**BIOCHEMISTRY (Blood)**

Sodium	140		( 133-146 )	mmol/L
Potassium	4.6		( 3.5-5.3 )	mmol/L
Urea	4.8		( 2.5-7.8 )	mmol/L
Creatinine	89		( 62-106 )	umol/L
eGFR	87			

*Units are mL/min/1.73 m2.*

*Interpret with regard to UK CKD Guidelines.*

Glucose (Fasting)	5.1		( 4.1-6.0 )	mmol/L
Glycated Hb (HbA1c)	34		( 20-41 )	mmol/mol

*HbA1c Interpretation Ranges:*  
Normal Below 42 mmol/mol  
Pre-Diabetes 42 - 47 mmol/mol  
Diabetes Mellitus 48 mmol/mol or above

*Please note, diagnosis of diabetes in asymptomatic individuals requires two results of 48 mmol/mol or above.*

*HbA1c results are only valid if patient has not been transfused within the three months prior to this test.*

*\*\*\* Updated Guidance Ranges \*\*\**

**BIOCHEMISTRY (Blood - continued)**

Calcium	2.48	( 2.10-2.55 ) mmol/L
Calcium (Corrected)	2.36	( 2.10-2.55 ) mmol/L
Inorganic Phosphate	1.04	( 0.80-1.50 ) mmol/L
Uric Acid	381	(200 - 430) umol/L
Total Protein	75	( 60-80 ) g/L
Albumin	49	( 35-50 ) g/L
Globulin	26	( 20-40 ) g/L
Total Bilirubin	7	( < 21 ) umol/L
Alkaline Phosphatase	80	( 30-130 ) IU/L
AST	25	( < 41 ) IU/L
ALT	40	( < 41 ) IU/L
Gamma GT	25	( 8-61 ) IU/L
LDH	190	( < 251 ) U/L
Creatine Kinase	84	( 40-320 ) IU/L
Serum Iron	12.0	( 5.8-34.5 ) umol/L
UIBC	41.9	( 22.3-61.7 ) umol/L
Iron Binding Satn.	22.0	( 20-50 ) %
Ferritin	205	( 30-400 ) ng/mL

**BIOCHEMISTRY (Blood - continued)**

Cholesterol	4.9		( < 5.0 )	mmol/L
Triglycerides	2.60	H	( < 1.70 )	mmol/L
HDL Cholesterol	1.4		( 0.9-1.5 )	mmol/L
LDL (Calculation)	2.4		( < 3.0 )	mmol/L
HDL/Cholesterol Ratio	0.29		( > 0.25 )	
Cholesterol/HDL Ratio	3.50			Ratio
Non-HDL Cholesterol	3.5			mmol/L
25 OH-VIT D (D2 +D3)	86			nmol/L

*Reference values*

< 25	<i>Deficient</i>
25-50	<i>Insufficient</i>
> 200	<i>Suggest reduce dose of Vit D</i>

**ENDOCRINE (Blood)**

TSH	0.78	( 0.27-4.20 )	mU/L
Free T4	14.8	( 12.0-22.0 )	pmol/L
Free T3	5.1	( 3.1- 6.8 )	pmol/L