

Surname : Sample
 Forename : Name
 Date of birth : 20/08/1972
 Sample Number: 14072
 Sex : Male
 Lab No :
 Sample Dated : 29/09/2025 12:00
 Sample Received : 29/09/2025 11:28
 Result Reported : 29/09/2025 16:26
 Sample Type: V - EDTA / V - Yellow

Test	Patient Result	Normal Range	Units
Full Blood Count			
Haemoglobin	139	130 - 170	g/L
Red Blood Cell	H 6.21	4.5 - 5.5	x10 ¹² /L
Haematocrit	0.484	0.40 - 0.50	L/L
Mean Cell Volume	L 78	83 - 101	fL
Red Cell Distribution	H 17.8	12.2 - 14.8	%
Mean Cell Hb	L 22.4	27.0 - 34.0	pg
MCHC	L 287	315 - 345	g/L
Platelets	315	150 - 410	x10 ⁹ /L
MPV	9.7	7 - 12	fL
White Blood Cells	5.73	4.0 - 11.0	x10 ⁹ /L
Neutrophils	3.9	0.2 - 7.0	x10 ⁹ /L
Monocytes	0.54	0.05 - 1.0	x10 ⁹ /L
Basophils	L 0	0.03 - 0.10	x10 ⁹ /L
Eosinophils	0.13	0.1 - 0.61	x10 ⁹ /L
Lymphocytes	1.16	0.5 - 4.5	x10 ⁹ /L
Biochemistry			
CRP	6.07	<10.0 35.0 - 50.0	mg/l
Albumin	38.7	40.0 - 320.0 14 - 31	g/l
CK	290	60 - 80 19 - 35 100 -	U/l
Iron	L 3.49	340 20 - <42 Non-	umol/l
Total Protein	68.3	diabetic 42 - <48	g/l
Globulin	30 23	Prediabetes >= 48	g/l
Ferritin	L 31.37	Diabetes 48 - 59	ug/l
HbA1c-(IFCC)		Good control	mmol/mol
Kidney Function			
Urea	3.8	2.5 - 7.8	mmol/l

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Creatinine	86	64.0 - 104.0	umol/l
Sodium	135	133.0 - 146.0	mmol/l
eGFR (Caucasian Only)	L 81	>90	ml/min/1.73m ²
Liver Function			
GGT	11	<90	U/l U/l
ALP	46	30 - 130	U/l
ALT	25.1	<40	umol/l
Total Bilirubin	5.9	2 - 21	
Bone Screen			
Uric Acid	L 190	200 - 430	umol/l
Lipids			
Cholesterol	4.62	<5.2	mmol/l
HDL	1.18	1.0-1.7	mmol/l
LDL	2.59	<3.5	mmol/l
Triglycerides	1.41	<2.5	mmol/l
Non HDL Cholesterol	3.44	<4.0	nmo/l
Chol: HDL ratio	3.92	<4.0	ratio
Hormones			
Testosterone	13.15	8.6 - 29.0	nmol/l
Cortisol	310.9	9AM: 100 - 350	nmol/l
Prolactin	H 385.3	86 - 324 41 -	mU/L
Oestradiol	H 288.2	159 0.7 - 4.3	pmol/l
Progesterone	L < 0.159	1.70 - 8.60	nmol/l
LH	L < 0.1	1.5 - 12 1.9 -	IU/l
FSH	L < 0.3	8.4 14.55 -	IU/l
DHEA-S	L 1.65	113.3 0.17 -	umol/l
SHBG	L 9.23	0.66	nmol/l
Free Testosterone	0.48		nmol/l

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Thyroid Function			
Free T4	15.63	10 - 20	pmol/l
TSH	2.2	0.20 - 4.0	mU/l
Free T3	4.68	3.8 - 6.0	pmol/l
Markers			
Total PSA	0.87	<3.5	ng/ml
Immunology			
Anti-Thyroglobulin Abs	14.24	< 115	IU/ml
Anti-Thyroidperoxidase abs	8	<35	IU/ml
Vitamins			
Vitamin B12	H 1396	211 - 911	pmol/l
Folate	15.27	3 - 20	nmol/l
Vitamin D 3	99.39	Adequate 50-99 Insufficient 25 - 49 Deficient <25	nmol/l