

Alderley Lighthouse Labs

Alderley Park, Congleton Road, Macclesfield, SK10 4TG

Order Details	Patient Details
Lab No: 08053012	Customer: Ciflikli, Gokhan
Requested: 30/07/2025	Sample ID: OPMEDWRKOT
Collected: 30/07/2025 05:18	UR No: OPM223
Received: 31/07/2025 10:11	DOB: 04/01/1985
Specimen: BLOOD	Sex: Male

Blood Science Report: Lipids

BioMarker	Value	Units	Range
HDL Cholesterol:	1.68	mmol/L	> 1.20
Non-HDL Cholesterol:	3.92	mmol/L	< 4.00
Total Cholesterol:	5.6	mmol/L	< 5.0
LDL:	3.36	mmol/L	< 3.00
Triglycerides:	1.23	mmol/L	< 1.70
Cholesterol HDL Ratio:	3.3	Ratio	< 6.0

Blood Science Report: Liver Function

BioMarker	Value	Units	Range
Albumin:	45	g/L	35 - 52
Globulin:	24	g/L	18 - 36
Total Protein:	69	g/L	66 - 87
ALT:	21.6	IU/L	< 50.0
ALP:	72	U/L	35 - 130
Total Bilirubin:	11.6	umol/L	< 21.0
GGT:	23	U/L	< 60

Blood Science Report: Kidney Function

BioMarker	Value	Units	Range
Urea:	6.1	mmol/L	2.8 - 8.1
Creatinine:	79	umol/L	62 - 106
EGFR:	> 90	Ratio	> 90
Uric Acid:	289	umol/L	150 - 446

Blood Science Report: Iron Profile

BioMarker	Value	Units	Range
Ferritin:	118	ug/L	30 - 400
Iron:	13.10	umol/L	5.80 - 34.50
TIBC:	58.3	umol/L	45.0 - 72.0
UIBC:	45.2	umol/L	22.3 - 61.7
Transferrin Saturation:	22.5	%	13.0 - 45.0

Blood Science Report: Thyroid Function

BioMarker	Value	Units	Range
Free T4:	15.1	pmol/L	12.0 - 22.0
Free T3:	4.20	pmol/L	3.10 - 6.80
Thyroid Stimulating Hormone:	2.03	uIU/mL	0.27 - 4.20

Blood Science Report: Vitamins

BioMarker	Value	Units	Range
Vitamin B12 (Active):	86.5	pmol/L	37.5 - 188.0
Vitamin D:	64.0	nmol/L	> 30.0
Folate:	2.6	ug/L	> 4.0

Blood Science Report: Hormones

BioMarker	Value	Units	Range
Free Testosterone:	0.29	nmol/L	
SHBG:	35.9	nmol/L	18.0 - 54.0
Testosterone:	14.900	nmol/L	8.640 - 29.000

Blood Science Report: General Chemistry

BioMarker	Value	Units	Range
HbA1c:	32	mmol/mol	< 42
HSCRP:	4.65	mg/L	< 5.00
Creatinine Kinase:	262	U/L	40 - 320
Magnesium:	0.89	mmol/L	0.66 - 1.07
Copper:	16.3	umol/L	12.0 - 25.0
Zinc:	14.7	umol/L	10.0 - 22.0

Laboratory Comments: