

Metabolic Syndrome Profile (Whole Blood)



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Patient: **SAMPLE
PATIENT**

DOB:

Sex:

MRN:

Inflammation Profile

	Reference Range
C-Reactive Protein (High Sens)	15.0 ≤ 10.0 mg/L

Lipid Profile

	Reference Range
Triglyceride	0.10-2.00 mmol/L
Cholesterol	≤ 5.00 mmol/L*
LDL-Cholesterol	≤ 3.00 mmol/L*
HDL-Cholesterol	1.24 mmol/L
VLDL-c	0.35 mmol/L
TC / HDL Ratio	6.77
TG / HDL Ratio	0.61

Insulin Resistance Profile

	Reference Range
Haemoglobin A1c (DCCT aligned)	7.0 % See Comments
Haemoglobin A1c (IFCC)	53 mmol/mol See Comments
Insulin (Fasting)	33.0 ≤ 20.0 mmol/L

[Analysis Performed by London Clinic]

*Depending on clinical factors, therapeutic target ranges for lipids should be:

- Total Cholesterol <4-5 mmol/L
- LDL <2-3 mmol/L

The NICE-recommended target range for HbA1c in patients with diabetes is 48-59 mmol/mol (equivalent to 6.5-7.5%). Specific values for individual patients should be determined on the basis of clinical factors.

Please note the methodology for Haemoglobin A1c was updated by the London Clinic to the Tosoh method as of 15/03/2018.