

Biomarker Assessment Report

Assessment Date: 1/25/2025
Patient ID: N/A

Overall Risk Assessment

Low Risk

27%



Demographics




Biomarker	Value	Status	Gauge
Age	22 years	Young Adult	
Gender	Male	Unknown	

Cardiovascular





Biomarker	Value	Status	Gauge
Systolic Blood Pressure	87 mmHg	Normal	
Diastolic Blood Pressure	54 mmHg	Normal	
Total Cholesterol	4.7 mmol/L	Normal	
HDL-Cholesterol	1.1 mmol/L	Medium	
LDL-Cholesterol	3.1 mmol/L	Near Optimal	
Triglyceride	1.1 mmol/L	Normal	

High-density lipoprotein	1.1 mmol/L	Normal	
--------------------------	------------	--------	--



Metabolic

Biomarker	Value	Status	Gauge
Glucose	6 mmol/L	Prediabetes	
HbA1c	7.7%	Diabetes	
Insulin	6.6 mcunit/mL	Normal	

Hematological

Biomarker	Value	Status	Gauge
Hematocrit	40.5%	Normal	
Hemoglobin	14.2 g/dL	Normal	
Red Blood Cell	6 x10 ⁶ /μL	High	
Creatinine	70.9 μmol/L	Normal	

Hormonal

Biomarker	Value	Status	Gauge
SHBG	43.5 nmol/L	Normal	
Estradiol	83 pmol/L	Normal	

Testosterone

16.7 nmol/L

Normal



Recommendations

- Blood glucose monitoring and diabetes screening recommended
- Schedule routine follow-up in 6 months
- Maintain healthy lifestyle with regular exercise and balanced diet