

# MEDICAL LABORATORY REPORT

Patient Name:	Test Patient - Heart Disease Case
Date:	2024-01-15
Report ID:	LAB-2024-003

Test Parameter	Value	Unit	Normal Range
Glucose	110	mg/dL	70-100
Cholesterol	280	mg/dL	<200
Hemoglobin	15	g/dL	12-16
Platelets	300000	cells/ $\mu$ L	150000-450000
White Blood Cells	8000	cells/ $\mu$ L	4000-11000
Red Blood Cells	5.0	million/ $\mu$ L	4.5-5.5
Hematocrit	45	%	36-48
Mean Corpuscular Volume	88	fL	80-100
Mean Corpuscular Hemoglobin	29	pg	27-31
Mean Corpuscular Hemoglobin Concentration	32	g/dL	32-36
Insulin	12	$\mu$ IU/mL	2-25
BMI	28	kg/m <sup>2</sup>	18.5-24.9
Systolic Blood Pressure	170	mmHg	<120
Diastolic Blood Pressure	105	mmHg	<80

Triglycerides	220	mg/dL	<150
HbA1c	6.5	%	<5.7
LDL Cholesterol	180	mg/dL	<100
HDL Cholesterol	38	mg/dL	>40
ALT	30	U/L	<40
AST	35	U/L	<40
Heart Rate	95	bpm	60-100
Creatinine	1.2	mg/dL	0.6-1.2
Troponin	0.04	ng/mL	<0.04
C-reactive Protein	8.5	mg/L	<3.0