

MEDICAL LABORATORY REPORT

Patient Name:	Test Patient - Diabetes Case
Date:	2024-01-15
Report ID:	LAB-2024-002

Test Parameter	Value	Unit	Normal Range
Glucose	220	mg/dL	70-100
Cholesterol	250	mg/dL	<200
Hemoglobin	14	g/dL	12-16
Platelets	250000	cells/ μ L	150000-450000
White Blood Cells	7500	cells/ μ L	4000-11000
Red Blood Cells	4.8	million/ μ L	4.5-5.5
Hematocrit	42	%	36-48
Mean Corpuscular Volume	90	fL	80-100
Mean Corpuscular Hemoglobin	30	pg	27-31
Mean Corpuscular Hemoglobin Concentration	33	g/dL	32-36
Insulin	25	μ IU/mL	2-25
BMI	32	kg/m ²	18.5-24.9
Systolic Blood Pressure	145	mmHg	<120
Diastolic Blood Pressure	95	mmHg	<80

Triglycerides	280	mg/dL	<150
HbA1c	9.5	%	<5.7
LDL Cholesterol	160	mg/dL	<100
HDL Cholesterol	35	mg/dL	>40
ALT	45	U/L	<40
AST	40	U/L	<40
Heart Rate	85	bpm	60-100
Creatinine	1.1	mg/dL	0.6-1.2
Troponin	0.02	ng/mL	<0.04
C-reactive Protein	5.8	mg/L	<3.0