

# CLINICTECH LABS - COMPREHENSIVE REPORT

123 Innovation Drive | CLIA ID: 99D09923 | Dir: Dr. A. Smith

PATIENT: John Doe (M)  
DOB: 05/12/1980

COLL DATE: 12/05/2023  
ACCESSION: #521791

## 1. COMPLETE BLOOD COUNT (CBC)

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Hemoglobin	13.8		g/dL	13.0-17.0
WBC	8.2		K/uL	4.0-11.0
Platelets	260		K/uL	150-450

## 2. BLOOD SUGAR (DIABETES)

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Glucose, Fasting	135	H	mg/dL	65-99
HbA1c	7.1	H	%	<5.7

## 3. LIPID PROFILE

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Cholesterol, Total	245	H	mg/dL	<200
Triglycerides	210	H	mg/dL	<150
HDL	36	L	mg/dL	>40
LDL	155	H	mg/dL	<100

## 4. KIDNEY FUNCTION

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Creatinine	1.1		mg/dL	0.7-1.3
eGFR	85	L	mL/min	>90

## 5. LIVER FUNCTION

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
ALT (SGPT)	65	H	U/L	7-56
AST (SGOT)	52	H	U/L	8-48

## 6. ELECTROLYTES

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Sodium	142		mmol/L	135-145
Potassium	4.5		mmol/L	3.5-5.2

## CLINICAL INTERPRETATION:

Diagnosis: Type 2 Diabetes Mellitus and Metabolic Syndrome. Liver enzymes elevated consistent with NAFLD. STARTING MEDICATION: Metformin 500mg and Atorvastatin 10mg.