

# CLINICTECH LABS - COMPREHENSIVE REPORT

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

PATIENT: Jane Smith (F)  
DOB: 09/22/1985

COLL DATE: 09/15/2023  
ACCESSION: #781325

## 1. COMPLETE BLOOD COUNT (CBC)

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Hemoglobin	12.5		g/dL	12.0-15.5
WBC	6.1		K/uL	4.0-11.0

## 2. BLOOD SUGAR

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Glucose, Fasting	88		mg/dL	65-99
HbA1c	5.3		%	<5.7

## 3. LIPID PROFILE

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Cholesterol, Total	225	H	mg/dL	<200
LDL	140	H	mg/dL	<100

## 4. KIDNEY FUNCTION

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Creatinine	0.85		mg/dL	0.6-1.1

## 5. LIVER FUNCTION

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
ALT (SGPT)	22		U/L	7-56

## 6. ELECTROLYTES

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Sodium	139		mmol/L	135-145

## 7. THYROID PANEL

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
TSH	5.8	H	mIU/L	0.4-4.5
Free T4	1.0		ng/dL	0.8-1.8

### CLINICAL INTERPRETATION:

Patient reports fatigue and weight gain (10lbs). Lipid panel shows Hyperlipidemia. TSH is slightly elevated (Subclinical). Advised diet changes. Re-check in 1 year.