

CLINICTECH LABS - COMPREHENSIVE REPORT

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

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

COLL DATE: 10/01/2024
ACCESSION: #487689

1. COMPLETE BLOOD COUNT (CBC)

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Hemoglobin	11.5	L	g/dL	12.0-15.5
WBC	5.5		K/uL	4.0-11.0

2. BLOOD SUGAR

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Glucose, Fasting	90		mg/dL	65-99
HbA1c	5.4		%	<5.7

3. LIPID PROFILE

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Cholesterol, Total	265	H	mg/dL	<200
LDL	180	H	mg/dL	<100

4. KIDNEY FUNCTION

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Creatinine	1.0		mg/dL	0.6-1.1

5. LIVER FUNCTION

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
ALT (SGPT)	35		U/L	7-56

6. ELECTROLYTES

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
Sodium	136		mmol/L	135-145

7. THYROID PANEL

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE
TSH	14.5	H	mIU/L	0.4-4.5
Free T4	0.6	L	ng/dL	0.8-1.8

CLINICAL INTERPRETATION:

Diagnosis: Hashimoto's Thyroiditis / Overt Hypothyroidism. Patient's hyperlipidemia and anemia are likely secondary to thyroid dysfunction.

PLAN: Start Levothyroxine 50mcg. Do NOT start statins yet; treat thyroid first.