



5151 CORPORATE WAY
 JUPITER, FL 33458-3101
 (866)720-8386

Client: ACCESS MEDICAL LABS, 0	1	Patient: PATIENT, TEST	
5151 CORPORATE WAY		Phone: () -	DOB: 01/01/2000 Age:24 Sex:M
JUPITER, FL 33458		Address 1:	Fasting: N
Phys: SARA, ALAN	(561) 745-1233	Address 2:	
		City:	State: Zip: Page:1

Acc# 004579105	Coll. Date: 02/23/24	Recv. Date: 02/23/24	Print Date: 04/04/24
Chart#	Coll. Time: 00:00 AM	Recv. Time: 02:05 PM	Print Time: 15:17
First reported on:	02/26/24 17:27	Final report date:	

Report Status:

Test Name	Results	Reference Range	Units
COMPLETE BLOOD COUNT			
WHITE BLOOD CELL	6.4	3.9 - 11.4	K/ul
RED BLOOD CELL	6.08 H	4.20 - 6.00	M/ul
HEMOGLOBIN	14.1	13.2 - 18.0	g/dl
HEMATOCRIT	50.6	43.0 - 60.0	%
MCV	83	83 - 103	fl
MCH	23.2 L	26.0 - 34.0	pg
MCHC	27.9 L	29.5 - 35.5	g/dl
RDW	18.2 H	11.0 - 15.5	%
PLATELET COUNT	223	140 - 400	k/ul
MPV	13.0 H	7.5 - 11.6	fl

The reference range reflects change to Siemens Advia 2120i instrumentation.

AUTOMATED DIFFERENTIAL

DIFFERENTIAL

Neutrophil %	65.3	38.0 - 75.0	%
Lymphocyte %	24.5	15.0 - 49.0	%
Monocyte %	6.3	2.0 - 13.0	%
Eosinophil %	2.0	0.0 - 8.0	%
Basophil %	1.8	0.0 - 2.0	%
Neutrophil #	4.2	1.6 - 8.4	K/ul
Lymphocyte #	1.6	1.0 - 3.6	K/ul
Monocyte #	0.4	0.0 - 0.9	K/ul
Eosinophil #	0.1	0.0 - 0.6	K/ul
Basophil #	0.1	0.0 - 0.2	K/ul

GENERAL CHEMISTRY

GLUCOSE	455 CH	65 - 100	mg/dl
BUN	160 CH	6 - 20	mg/dl

Results verified by repeat analysis and dilution.

CREATININE, SERUM	71.0 CH	0.7 - 1.3	mg/dl
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Results verified by repeat analysis and dilution.

SODIUM	5 CL	136 - 145	mmol/L
POTASSIUM	6.5 CH	3.5 - 5.1	mmol/L

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GENERAL CHEMISTRY (Continued)

CHLORIDE	5 CL	100 - 110	mmol/L
CO2	45 H	20 - 31	mmol/L
CALCIUM	140.0 CH	8.3 - 10.6	mg/dl

Results verified by repeat analysis and dilution.

TOTAL PROTEIN	15.0 H	5.7 - 8.2	g/dl
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Results verified by repeat analysis and dilution.

ALBUMIN	5.0 H	3.2 - 4.8	g/dl
GLOBULIN	10.0 H	2.1 - 3.6	g/dl
BILIRUBIN, TOTAL	35.0 H	0.3 - 1.2	mg/dl
ALKALINE PHOSPHATASE	100	45 - 115	U/L
ALT	1111 H	0 - 48	U/L

Results verified by repeat analysis and dilution.

AST	10000 H	0 - 38	U/L
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Results verified by repeat analysis and dilution.

Albumin/Globulin Ratio	0.5 L	0.8 - 2.0	
BUN/CREAT RATIO	N/A	7.3 - 21.7	
GFR, estimated	1		ml/min

If African-American, result is: 1

Calculation of estimated GFR is based on the MDRD Study prediction equation

****Five Stages of Chronic Kidney Disease****

Stage	*GFR Level*	*Description*
Stage 1	90 ml/min or more	Healthy Kidneys or Kidney damage with normal or high GFR
Stage 2	60 to 89 ml/min	Kidney damage and mild decrease in GFR
Stage 3	30 to 59 ml/min	Moderate decrease in GFR
Stage 4	15 to 29 ml/min	Severe decrease in GFR
Stage 5	< 15 ml/min	Kidney failure, or on dialysis

DIABETES EVALUATION

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DIABETES EVALUATION (Continued)

HEMOGLOBIN A1C	5.6	< 5.7	%
	Diagnosis		***HbA1c Level***
	Normal		< 5.7 %
	Prediabetes		5.7 - 6.4 %
	Diabetes		= or > 6.5 %
Having prediabetes is a Risk Factor for getting type 2 diabetes. Within the prediabetes range(5.7-6.4), the higher the HbA1c, the greater the risk of diabetes. HbA1c target for diabetics depend on their history and health.			

INSULIN	250.0 H	3.0 - 25.0	uIU/ml
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IRON/ANEMIA EVALUATION

FERRITIN	1700.0 H	10.5 - 307.3	ng/ml
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CORONARY RISK

TRIGLYCERIDES	1500 H	<150	mg/dl
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Results verified by repeat analysis and dilution.

CHOLESTEROL, TOTAL	170	<200	mg/dl
HDL CHOLESTEROL	61	>40	mg/dl
CHOL/HDL RATIO	2.8	<5.0	

The higher the Ratio, the higher CHD risk.

CRP, Cardio	3.0 H	<3	mg/L
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Risk of Cardiovascular Disease		
Low Risk	CRP < 1.0	mg/L
Medium Risk	CRP 1.0 - 3.0	mg/L
High Risk	CRP > 3.0	mg/L

LDL calculation not performed due to Trig.> 800 mg/dl

THYROID TESTING

Reverse T3, LC/MS/MS	12.7	5.0 - 25.0	ng/dL
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THYROID TESTING (Continued)

T3, FREE	170.0 H	2.3 - 4.2	pg/ml
T4, FREE	14.00 H	0.89 - 1.76	ng/dl
TSH	149.000 H	0.550 - 4.780	uIU/ml

ENDOCRINE EVALUATION

PROGESTERONE	22.00 H	0.28 - 1.22	ng/mL
ESTRADIOL (E2)	350.0 H	0.0 - 39.8	pg/mL
DHEA-SULFATE	1600.0 H	34.5 - 568.9	ug/dl

Results verified by repeat analysis and dilution.

TESTOSTERONE, TOTAL	100 L	280 - 1100	ng/dl
SEX HORMONE BIND GLOBULIN	1 L	15 - 95	nmol/L
TESTOSTERONE, FREE	3.6 L	4.5 - 25.0	ng/dl
CORTISOL	76.0		ug/dl

****Normal individuals****

Morning am 7-9: 5.2 - 22.5 ug/dL
 Afternoon pm 3-5 : 3.4 - 16.8 ug/dL

Results verified by repeat analysis and dilution.

Lab Developed Testing

Serum Pregnenolone, DHT, Estrone, Estriol, RT3 and CO-Q10 were developed and their performance characteristics determined by Access Medical Laboratories.

It has not been cleared or approved by the FDA.

The laboratory is regulated under CLIA and qualified to perform high-complexity testing. These tests are used for clinical purposes. It should not be regarded as investigational or for research.

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Leptin, Serum	2.4		ng/mL *1
Female Ranges by Body Mass Index (BMI) BMI Range BMI Range 11 0.7 - 3.6 24 4.4 - 24.2 12 0.8 - 4.2 25 5.1 - 28.0 13 0.9 - 4.8 26 5.9 - 32.4 14 1.0 - 5.6 27 6.8 - 37.5 15 1.2 - 6.5 28 7.9 - 43.5 16 1.4 - 7.5 29 9.1 - 50.4 17 1.6 - 8.7 30 10.6 - 58.3 18 1.8 - 10.0 31 12.2 - 67.5 19 2.1 - 11.6 32 14.1 - 78.2 20 2.4 - 13.4 33 16.4 - 90.5 21 2.8 - 15.6 34 19.0 - 105.0 22 3.3 - 18.0 35 22.0 - 121.0 23 3.8 - 20.9 36 25.4 - 141.0			
Blum WF, Juul A, "Reference Ranges of Leptin Levels According to Body Mass Index, Gender and Development Stage" in Leptin: The Voice of Adipose Tissue, Blum WF, Kiess WF, and Rascher W, eds, 1997, 319-326			