



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

Client: ACCESS MEDICAL LABS, 0	1	Patient: TEST, PATIENT	
5151 CORPORATE WAY		Phone: ( ) -	DOB: 01/01/1980 Age:44 Sex:M
JUPITER, FL 33458		Address 1:	Fasting: N
Phys: SARA, ALAN	(561) 745-1233	Address 2:	
		City:	State: Zip: Page:1

Acc# 005261160	Coll. Date: 11/20/24	Recv. Date: 11/20/24	Print Date: 11/21/24
Chart#	Coll. Time: 00:00 AM	Recv. Time:07:30 AM	Print Time: 11:58
First reported on:	11/20/24 15:36	Final report date:	11/20/24

Report Status: FINAL

Test Name	Results	Reference Range	Units
<b>COMPLETE BLOOD COUNT</b>			
WHITE BLOOD CELL	10.0	3.9 - 11.4	K/ul
RED BLOOD CELL	4.50	4.20 - 6.00	M/ul
HEMOGLOBIN	15	13.2 - 18.0	g/dl
HEMATOCRIT	45	42.0 - 56.0	%
MCV	95	83 - 102	fl
MCH	30.0	26.0 - 34.0	pg
MCHC	32.0	29.5 - 35.5	g/dl
RDW	13.0	11.0 - 15.5	%
PLATELET COUNT	250	140 - 400	k/ul
MPV	10.0	7.5 - 11.6	fl
<b>AUTOMATED DIFFERENTIAL</b>			
Lymphocyte %	35	15.0 - 49.0	%
Monocyte %	10	2.0 - 13.0	%
<b>MANUAL DIFFERENTIAL</b>			
Segmented Neutrophil %	50	Not Estab.	%
Lymphocyte %	35	Not Estab.	%
Monocyte %	10	Not Estab.	%
Eosinophil %	4	Not Estab.	%
Basophil %	1	Not Estab.	%
<b>GENERAL CHEMISTRY</b>			
GLUCOSE	85	65 - 100	mg/dl
BUN	10	6 - 20	mg/dl
CREATININE, SERUM	1.0	0.7 - 1.3	mg/dl
SODIUM	140	136 - 145	mmol/L
POTASSIUM	5.0	3.5 - 5.1	mmol/L
CHLORIDE	107	100 - 110	mmol/L
CO2	20	20 - 31	mmol/L
CALCIUM	9.0	8.3 - 10.6	mg/dl
TOTAL PROTEIN	6.9	5.7 - 8.2	g/dl
ALBUMIN	4.0	3.2 - 4.8	g/dl
GLOBULIN	2.9	2.1 - 3.6	g/dl
BILIRUBIN, TOTAL	1.1	0.3 - 1.2	mg/dl

(Continued on Next Page)



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<b>GENERAL CHEMISTRY (Continued)</b>			
ALKALINE PHOSPHATASE	45	45 - 115	U/L
ALT	45	0 - 48	U/L
AST	<b>40 H</b>	0 - 38	U/L
Albumin/Globulin Ratio	1.4	0.8 - 2.0	
BUN/CREAT RATIO	N/A	7.3 - 21.7	
GFR, estimated	86		ml/min
If African-American, result is: >60			
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	
<b>DIABETES EVALUATION</b>			
HEMOGLOBIN A1C	5.0	< 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.			
<b>IRON/ANEMIA EVALUATION</b>			
IRON	<b>20 L</b>	65 - 175	ug/dl
VITAMIN B12	500	211 - 911	pg/ml
FOLATE, SERUM	21	5.38 - 24.0	ng/ml
<b>CORONARY RISK</b>			
TRIGLYCERIDES	100	<150	mg/dl
CHOLESTEROL, TOTAL	150	<200	mg/dl

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<b>CORONARY RISK (Continued)</b>			
HDL CHOLESTEROL	50	>40	mg/dl
LDL CHOLESTEROL, calc..	82	<100	mg/dl
CHOL/HDL RATIO	3.0	<5.0	
The higher the Ratio, the higher CHD risk.			
CRP, Cardio	1.0	<3	mg/L
**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
Vitamin D,25-OH,Total	31	30 - 100	ng/ml
Notes:			
Therapy is based on the measurement of Total Vitamin D (25-OH).			
Most experts agree that Vitamin D deficiency should be = or < 20 ng/ml.			
Vitamin D insufficiency is recognized as 21 - 29 ng/ml.			
The preferred level for Vitamin D (25-OH) is recommended to be 30 - 100 ng/ml.			
Vitamin D > 150 ng/ml is considered potentially toxic.			
<b>THYROID TESTING</b>			
T3, FREE	3.2	2.3 - 4.2	pg/ml
T4, FREE	<b>25 H</b>	0.89 - 1.76	ng/dl
TSH	1.025	0.550 - 4.780	uIU/ml
<b>ENDOCRINE EVALUATION</b>			
PROGESTERONE	1.0	0.28 - 1.22	ng/mL
ESTRADIOL, LC/MS	20	<29.0	pg/mL
DHEA-SULFATE	<b>30 L</b>	34.5 - 568.9	ug/dl
TESTOSTERONE, TOTAL LC/MS	<b>45 L</b>	264.0 - 916.0	ng/dL
SEX HORMONE BIND GLOBULIN	15	15 - 95	nmol/L
IGF-1	<b>235 H</b>	113 - 172	ng/mL

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**ENDOCRINE EVALUATION (Continued)**

Access Medical Laboratories uses Siemens Healthcare Diagnostics as the supplier for IGF-1 Immunoassay Testing System. Siemens Introduced a Restandardization of IGF-1 assay using WHO 1st International Standard (IS), NIBSC Code 02/254.

CORTISOL 20 ug/dl

**\*\*Normal individuals\*\***

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

Testosterone, Free LC/MS Lab Developed Testing **1.2 L** 4.1 - 23.0 ng/dl  
 \*\*\*\*\*

Serum Pregnenolone, DHT, Estrone, Estriol, RT3, CO-Q10, Total Testosterone LC/MS, Androstenedione LC/MS, Progesterone LC/MS, and Estradiol LC/MS 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.

**AUTO IMMUNE.**

**Antinuclear Antibodies, MFI**

ANA Screen NEGATIVE NEGATIVE  
 ANA INTERPRETATION GUIDE \*\*\*\*\*

CLINICAL SUSPICION ANTI NUCLEAR AUTO ANTIBODIES INVOLVED

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 SLE ANTI-dsDNA, ANTI-Sm, ANTI-RIBOSOMAL P,  
 ANTI-CHROMATIN, ANTI-SSA (one or more positive)

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