



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

Client: ACCESS MEDICAL LABORATORI 1	Patient: TEST 24, PATIENT
5151 CORPORATE WAY	Room# DOB. 02/22/1983 Age:36 Sex:F
JUPITER, FL 33458	Phone: () - Fasting: N
Phys: SARA, ALAN (561) 745-1233	ID#: A1906001615100
	Route#: 0 Page:1

Acc# 001615100	Coll. Date: 06/12/19	Recv. Date: 06/12/19	Print Date: 06/12/19
Chart#	Coll. Time: 00:00 AM	Recv. Time:09:03 AM	Print Time: 09:54
First reported on:	06/12/19	Final report date:	06/12/19

Test Name	Results	Normal Range	Units
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Report Status: FINAL

COMMENTS:

COMPLETE BLOOD COUNT

WHITE BLOOD CELL	10.0	3.9 - 11.4	K/ul
RED BLOOD CELL	5.00	3.80 - 5.50	M/ul
HEMOGLOBIN	15	11.5 - 15.2	g/dl
HEMATOCRIT	45	34.0 - 47.0	%
MCV	85	80.0 - 100.0	fl
MCH	30.0	26.0 - 34.0	pg
MCHC	33.3	31.0 - 37.0	g/dl
RDW	14.0	11.0 - 15.5	%
PLATELET COUNT	250	140 - 400	k/ul
MPV	14.0 H	7.5 - 11.6	fl

DIFFERENTIAL

GR%	50.0	38.0 - 75.0	%
LY%	45	15.0 - 49.0	%
MO%	1.0 L	2.0 - 13.0	%
EO%	3.0	0.0 - 8.0	%
BA%	2.0	0.0 - 2.0	%
GR#	5.0	1.6 - 8.4	K/ul
LY#	4.5 H	1.0 - 3.6	K/ul
MO#	0.0	0.0 - 0.9	K/ul
EO#	0.3	0.0 - 0.6	K/ul
BA#	0.2	0.0 - 0.2	K/ul

GENERAL CHEMISTRY

GLUCOSE	75	65 - 100	mg/dl
BUN	20	6 - 20	mg/dl
CREATININE, SERUM	0.5	0.5 - 1.0	mg/dl
SODIUM	140	136 - 145	mmol/L
POTASSIUM	5.0	3.5 - 5.1	mmol/L
CHLORIDE	105	98 - 107	mmol/L
CO2	26	20 - 31	mmol/L
CALCIUM	9.0	8.3 - 10.6	mg/dl
TOTAL PROTEIN	8.0	5.7 - 8.2	g/dl
ALBUMIN	3.5	3.2 - 4.8	g/dl
GLOBULIN	4.5 H	2.2 - 3.7	g/dl
BILIRUBIN, TOTAL	1.0	0.3 - 1.2	mg/dl
ALKALINE PHOSPHATASE	40	37 - 98	U/L

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GENERAL CHEMISTRY (Continued)

ALT	25	0 - 48	U/L
AST	30	0 - 32	U/L
Albumin/Globulin Ratio	0.8	0.8 - 2.0	
BUN/CREAT RATIO	40.0 H	7.3 - 21.7	
GFR, estimated	148		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

DIABETES EVALUATION

HEMOGLOBIN A1C	5.6	< 5.7	%
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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, Fasting	30 H	3.0 - 25.0	uIU/ml
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CORONARY RISK

TRIGLYCERIDES	105	<150	mg/dl
CHOLESTEROL, TOTAL	200 H	<200	mg/dl
HDL CHOLESTEROL	50	>40	mg/dl
LDL CHOLESTEROL, calc.	129 H	<100	mg/dl
CHOL/HDL RATIO	4.0	<4.4	

The higher the Ratio, the higher CHD risk.

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THYROID TESTING

T3, FREE	3.5	2.3 - 4.2	pg/ml
T4, FREE	2.0 H	0.89 - 1.76	ng/dl
TSH	1.025	0.550 - 4.780	U/ml

ENDOCRINE EVALUATION

ESTRADIOL (E2)	25		pg/mL
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****Female Reference Ranges****

Menstruating females (by day in cycle relative to LH peak)

Follicular Phase	(-12 to -4 days)	19.5 - 144.2	pg/mL
Mid Cycle Peak	(-3 to +2 days)	63.9 - 356.7	pg/mL
Luteal Phase	(+4 to +12 days)	55.8 - 214.2	pg/mL
Post Menopausal	(untreated)	0.0 - 32.2	pg/mL

Effective Jan 1st 2018, Access Medical Labs will be using Siemens testing. Please be aware of the new reference ranges.

TESTOSTERONE, TOTAL	25	6 - 82	ng/dl
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****Female Reference Ranges****

Premenopausal	9 - 48	ng/dL
Postmenopausal	<7 - 46	ng/dL

Effective Jan 1st 2018, Access Medical Labs will be using Siemens testing. Please be aware of the new reference ranges.

SEX HORMONE BIND GLOBULIN	102		nmol/L
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****Female Reference Ranges****

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