



Client: ACCESS MEDICAL LABORATORI 1 5151 CORPORATE WAY JUPITER, FL 33458	Patient: TEST, PATIENT Room# DOB. 01/01/1992 Age:27 Sex:M Phone: () - Fasting: N ID#: A1908001649259 Route#: 0
Phys: SARA, ALAN (561) 745-1233	Page:1

Acc# 001649259	Coll. Date: 08/22/19	Recv. Date: 08/22/19	Print Date: 09/10/19
Chart#	Coll. Time: 00:00 AM	Recv. Time:04:04 PM	Print Time: 12:12
First reported on:	08/22/19	Final report date:	08/22/19

Test Name	Results	Normal Range	Units
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Report Status: FINAL

COMMENTS:

COMPLETE BLOOD COUNT

WHITE BLOOD CELL	10.0	3.9 - 11.1	K/ul
RED BLOOD CELL	5.00	4.20 - 6.00	M/ul
HEMOGLOBIN	15.0	13.2 - 18.0	g/dl
HEMATOCRIT	45.0	38.5 - 54.0	%
MCV	90	80.0 - 100.0	fl
MCH	30.0	26.0 - 34.0	pg
MCHC	33.0	31.0 - 37.0	g/dl
RDW	14.0	11.0 - 15.5	%
PLATELET COUNT	250	140 - 400	k/ul
MPV	15.0 H	7.5 - 11.6	fl

AUTOMATED DIFFERENTIAL

DIFFERENTIAL

Granulocyte %	50.0	38.0 - 75.0	%
Lymphocyte %	30.0	15.0 - 49.0	%
Monocyte %	15.0 H	2.0 - 13.0	%
Eosinophil %	3.0	0.0 - 8.0	%
Basophil %	2.0	0.0 - 2.0	%
Granulocyte #	5.0	1.6 - 8.4	K/ul
Lymphocyte #	3.0	1.0 - 3.6	K/ul
Monocyte #	1.5 H	0.0 - 0.9	K/ul
Eosinophil #	0.3	0.0 - 0.6	K/ul
Basophil #	0.2	0.0 - 0.2	K/ul

GENERAL CHEMISTRY

GLUCOSE	85	65 - 100	mg/dl
BUN	20	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	106	100 - 110	mmol/L
CO2	25	20 - 31	mmol/L
CALCIUM	9.0	8.3 - 10.6	mg/dl
TOTAL PROTEIN	6.5	5.7 - 8.2	g/dl
ALBUMIN	3.5	3.2 - 4.8	g/dl
GLOBULIN	3.0	2.1 - 3.6	g/dl

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GENERAL CHEMISTRY (Continued)

BILIRUBIN, TOTAL	1.2	0.3 - 1.2	mg/dl
ALKALINE PHOSPHATASE	98	45 - 115	U/L
ALT	25	0 - 48	U/L
AST	23	0 - 38	U/L
Albumin/Globulin Ratio	1.2	0.8 - 2.0	
BUN/CREAT RATIO	N/A	7.3 - 21.7	
GFR, estimated	95		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

INSULIN, Fasting	20.0	3.0 - 25.0	uIU/ml
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IRON/ANEMIA EVALUATION

VITAMIN B12	1200 H	211 - 911	pg/ml
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**CORONARY RISK
CARDIOPRO BASIC**

sd LDL	25	5.1 - 60.8	mg/dl
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CRP, Cardio	2.5	<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

HOMOCYSTEINE	10.0	4.5 - 15.0	umol/L
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CORONARY RISK (Continued)



Ideal level <8.0 umol/L

LIPOPROTEIN (a) 22.0 <30 mg/dl



APOLIPOPROTEIN A-1 **200 H** 79 - 169 mg/dl



APOLIPOPROTEIN B 150 46 - 174 mg/dl



LIPID PANEL

CHOLESTEROL, TOTAL **250 H** <200 mg/dl

TRIGLYCERIDES **150 H** <150 mg/dl

HDL CHOLESTEROL 50 >40 mg/dl



LDL CHOLESTEROL, calc. **170 H** <100 mg/dl

CHOL/HDL RATIO **5.0 H** <5.0

The higher the Ratio, the higher CHD risk.

PLAC (Lp-PLA2) 150 < 250 U/L



PLAC (Lp-PLA2) is a specific marker of vascular inflammation associated with atherosclerosis. It is also a marker for Cardiac disease and Stroke. On Oct. 31,2016 we transitioned to the FDA approved Diadexus traced calibration method. As a result of this transition the reference range has been changed to the following: < 250 U/L
This result cannot be compared with previous results, before 10/31/2016.

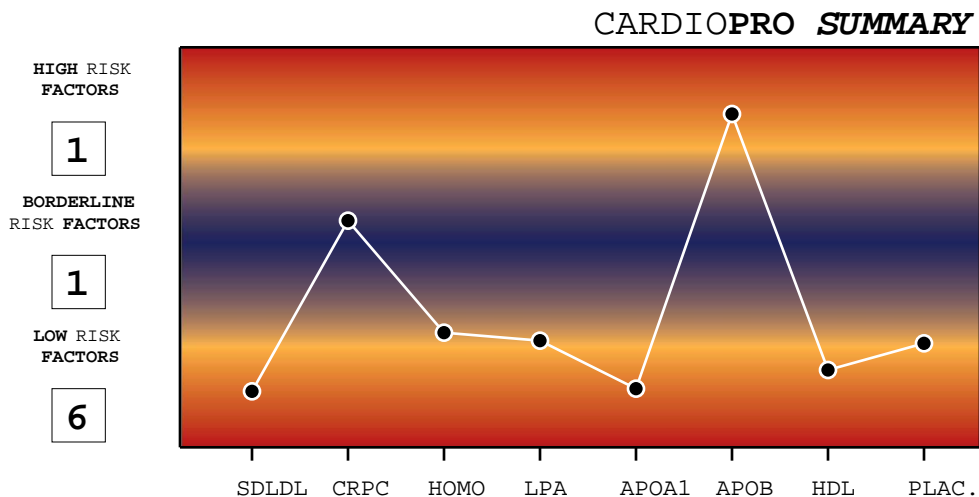
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CORONARY RISK (Continued)



VITAMIN D 25-HYDROXY

Vitamin D,25-OH,Total	33	30 - 100	ng/ml
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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.

THYROID TESTING

Reverse T3	9.0	8 - 25	ng/dL
T3, FREE	2.0 L	2.3 - 4.2	pg/ml
T4, FREE	1.5	0.89 - 1.76	ng/dl
TSH	0.456 L	0.550 - 4.780	uIU/ml

ENDOCRINE EVALUATION

TESTOSTERONE, TOTAL	500	280 - 1100	ng/dl
SEX HORMONE BIND GLOBULIN	125 H	14 - 95	nmol/L
TESTOSTERONE, FREE	3.9 L	4.5 - 25.0	ng/dl



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CARDIO IQ LIPOPROTEIN FRA 125.0 *I

END OF REPORT

*I) Unless otherwise noted, Tests Performed at :
SPECIALTY LABORATORIES, VALENCIA, CA 913555386 CLIA# 05D0550302