



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

Test Name	Results	Normal Range	Units
Report Status: FINAL			
COMPLETE BLOOD COUNT			
WHITE BLOOD CELL	7.5	3.9 - 11.1	K/ul
RED BLOOD CELL	4.42	4.2 - 6.0	M/ul
HEMOGLOBIN	13.9	13.2 - 18.0	g/dl
HEMATOCRIT	42.4	38.5 - 54.0	%
MCV	96	80.0 - 100.0	fl
MCH	31.5	26.0 - 34.0	pg
MCHC	32.9	31.0 - 37.0	g/dl
RDW	13.1	11.0 - 15.5	%
PLATELET COUNT	219	140 - 400	k/ul
MPV	8.2	7.5 - 11.6	fl
DIFFERENTIAL			
GR%	68.6	38 - 75	%
LY%	22.4	15 - 49	%
MO%	6.4	2.0 - 13.0	%
EO%	2.0	0 - 8	%
BA%	0.6	0 - 2	%
GR#	5.2	1.6 - 8.4	K/ul
LY#	1.7	1.0 - 3.6	K/ul
MO#	0.5	0.0 - 0.9	K/ul
EO#	0.1	0.0 - 0.6	K/ul
BA#	0.0	0.0 - 0.2	K/ul
URINALYSIS			
COLOR	YELLOW	YELLOW	
APPEARANCE	CLEAR	CLEAR	
pH	5.0	5 - 8	
SPECIFIC GRAVITY	1.017	1.001 - 1.045	
GLUCOSE	NORMAL	NORMAL	mg/dl
KETONES	NEGATIVE	NEGATIVE	mg/dl
BLOOD	NEGATIVE	NEGATIVE	Ery/ul
PROTEIN	NEGATIVE	NEGATIVE	mg/dl
BILI	NEGATIVE	NEGATIVE	mg/dl
UROBILINOGEN	NORMAL	NORMAL	mg/dL
NITRITE	NEGATIVE	NEGATIVE	
LEUKOCYTES	NEGATIVE	NEGATIVE	Leuk/ul
GENERAL CHEMISTRY			

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Test Name	Results	Normal Range	Units
GENERAL CHEMISTRY (Continued)			
GLUCOSE	104 H	65 - 100	mg/dl
BUN	19	6 - 20	mg/dl
CREATININE, SERUM	1.2	0.5 - 1.2	mg/dl
URIC ACID	4.9	3.4 - 7.0	mg/dl
SODIUM	144	133 - 145	mmol/L
POTASSIUM	4.6	3.3 - 5.1	mmol/L
CHLORIDE	105	96 - 108	mmol/L
CO2	25	22 - 32	mmol/L
CALCIUM	10.0	8.5 - 10.5	mg/dl
PHOSPHORUS	3.1	2.7 - 4.5	mg/dl
MAGNESIUM	2.2	1.5 - 2.6	mg/dl
TOTAL PROTEIN	7.0	6.4 - 8.3	g/dl
ALBUMIN	4.4	3.2 - 4.8	g/dl
GLOBULIN	2.6	2.1 - 3.6	g/dl
BILIRUBIN, TOTAL	1.0	0.0 - 1.0	mg/dl
BILIRUBIN, DIRECT	0.3	0.0 - 0.3	mg/dl
ALKALINE PHOSPHATASE	92	35 - 129	U/L
ALT	21	<42	U/L
AST	19	<39	U/L
LD	174	94 - 250	U/L
GGT	20	11 - 51	U/L
Albumin/Globulin Ratio	1.7	0.8 - 2.0	
BUN/CREAT RATIO	15.8	7.3 - 21.7	
GFR, estimated	62		
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	5.5	< 5.7	%
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Test Name	Results	Normal Range	Units
DIABETES EVALUATION (Continued)			
	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.		
IRON/ANEMIA EVALUATION			
IRON	102	40 - 190	ug/dl
TOTAL IRON-BIND. CAPACITY	329	250 - 400	ug/dl
% IRON SATURATION	31	15 - 50	%
TRANSFERRIN	292	200 - 400	mg/dl
FERRITIN	16.5 L	30 - 400	ng/ml
CORONARY RISK			
TRIGLYCERIDES	51	<150	mg/dl
CHOLESTEROL, TOTAL	139	<200	mg/dl
HDL CHOLESTEROL	79	>40	mg/dl
LDL CHOLESTEROL, calc.	50	<100	mg/dl
CHOL/HDL RATIO	1.8	<5.0	
	The higher the Ratio,the higher CHD risk.		
HOMOCYSTEINE	9.4	4.5 - 15.0	umol/L
	Ideal level <8.0 umol/L		
THYROID TESTING			
T3, TOTAL	119.9	80 - 200	ng/dl
T-Uptake	1.11	0.8 - 1.3	TBI
T4, TOTAL	5.4	5.1 - 14.1	ug/dl
TSH	2.980	0.27 - 4.2	uIU/ml
TUMOR MARKERS			
PSA, TOTAL	0.971	0.0 - 4.0	ng/ml
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ENDOCRINE EVALUATION

FSH	39.3 H	1.5 - 12.4	mIU/ml
LH	18.1 H	1.7 - 8.6	mIU/ml
PROGESTERONE	0.34	0.2 - 1.4	ng/ml
ESTRADIOL (E2)	27.6	7.6 - 42.6	pg/mL
TESTOSTERONE, TOTAL	929 H	240 - 890	ng/dl
SEX HORMONE BIND GLOBULIN	103 H	10 - 80	nmol/L
TESTOSTERONE, FREE	9.08	1.6 - 22	ng/dl
IGF-1	130.0	93 - 145	ng/ml
CORTISOL	18.0		ug/dl

Normal individuals:
 Morning am 6-10: 6.02 - 18.4 ug/dl
 Afternoon pm 4-8 : 2.68 - 10.5 , ,

SEROLOGY

CRP, Inflammation	0.4	<5.0	mg/L
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----- **END OF REPORT** -----