



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	4.6	3.9 - 11.4	K/ul
RED BLOOD CELL	4.55	3.8 - 5.5	M/ul
HEMOGLOBIN	13.9	11.5 - 15.2	g/dl
HEMATOCRIT	41.5	34.0 - 47.0	%
MCV	91	80.0 - 100.0	fl
MCH	30.5	26.0 - 34.0	pg
MCHC	33.5	31.0 - 37.0	g/dl
RDW	14.4	11.0 - 15.5	%
PLATELET COUNT	221	140 - 400	k/ul
MPV	8.6	7.5 - 11.6	fl
DIFFERENTIAL			
GR%	56.7	38 - 75	%
LY%	32.8	15 - 49	%
MO%	8.5	2.0 - 13.0	%
EO%	1.0	0 - 8	%
BA%	1.0	0 - 2	%
GR#	2.6	1.6 - 8.4	K/ul
LY#	1.5	1.0 - 3.6	K/ul
MO#	0.4	0.0 - 0.9	K/ul
EO#	0.0	0.0 - 0.6	K/ul
BA#	0.0	0.0 - 0.2	K/ul
URINALYSIS			
COLOR	YELLOW	YELLOW	
APPEARANCE	CLEAR	CLEAR	
pH	6.0	5 - 8	
SPECIFIC GRAVITY	1.014	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	103 H	65 - 100	mg/dl
BUN	18	6 - 20	mg/dl
CREATININE, SERUM	0.8	0.4 - 1.1	mg/dl
URIC ACID	4.5	2.4 - 5.7	mg/dl
SODIUM	136	133 - 145	mmol/L
POTASSIUM	4.6	3.3 - 5.1	mmol/L
CHLORIDE	100	96 - 108	mmol/L
CO2	26	22 - 32	mmol/L
CALCIUM	9.2	8.5 - 10.5	mg/dl
PHOSPHORUS	3.4	2.7 - 4.5	mg/dl
MAGNESIUM	2.4	1.5 - 2.6	mg/dl
TOTAL PROTEIN	7.6	6.4 - 8.3	g/dl
ALBUMIN	4.5	3.2 - 4.8	g/dl
GLOBULIN	3.1	2.2 - 3.7	g/dl
BILIRUBIN, TOTAL	0.6	0.0 - 1.0	mg/dl
BILIRUBIN, DIRECT	0.1	0.0 - 0.3	mg/dl
ALKALINE PHOSPHATASE	72	30 - 104	U/L
ALT	29	<32	U/L
AST	25	<33	U/L
LD	208	94 - 250	U/L
GGT	44 H	7 - 33	U/L
Albumin/Globulin Ratio	1.5	0.8 - 2.0	
BUN/CREAT RATIO	22.5 H	7.3 - 21.7	
GFR, estimated	78		
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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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	128	35 - 175	ug/dl
TOTAL IRON-BIND. CAPACITY	329	250 - 400	ug/dl
% IRON SATURATION	39	15 - 50	%
TRANSFERRIN	287	200 - 400	mg/dl
FERRITIN	243.8	13 - 300	ng/ml
CORONARY RISK			
TRIGLYCERIDES	91	<150	mg/dl
CHOLESTEROL, TOTAL	229 H	<200	mg/dl
HDL CHOLESTEROL	80	>40	mg/dl
LDL CHOLESTEROL, calc.	131 H	<100	mg/dl
CHOL/HDL RATIO	2.9	<4.4	
	The higher the Ratio,the higher CHD risk.		
HOMOCYSTEINE	18.6 H	4.5 - 15.0	umol/L
	Ideal level <8.0 umol/L		
THYROID TESTING			
T3, TOTAL	128.1	80 - 200	ng/dl
T-Uptake	1.00	0.8 - 1.3	TBI
T4, TOTAL	6.6	5.1 - 14.1	ug/dl
TSH	2.560	0.27 - 4.2	uIU/ml
ENDOCRINE EVALUATION			
FSH	58.2	1.7 - 134.8	mIU/ml
	Men	1.5 - 12.4	mIU/ml
	Women		
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Test Name	Results	Normal Range	Units
ENDOCRINE EVALUATION (Continued)			
	Follicular Phase	3.5 - 12.5	,,
	Ovulation Phase	4.7 - 21.5	,,
	Luteal Phase	1.7 - 7.7	,,
	Postmenopause	25.8 - 134.8	,,
LH	24.6	1.0 - 95.6	mIU/ml
	Men	1.7 - 8.6	mIU/ml
	Women		
	Follicular Phase	2.4 - 12.6	,,
	Ovulation Phase	14.0 - 95.6	,,
	Luteal Phase	1.0 - 11.4	,,
	Postmenopause	7.7 - 58.5	,,
PROGESTERONE	0.17		ng/ml
	Women Reference Ranges		
	Follicular Phase	0.2 - 1.5	ng/ml
	Ovulation Phase	0.8 - 3.0	,,
	Luteal Phase	1.7 - 27.0	,,
	Postmenopause	0.1 - 0.8	,,
	Pregnant		
	1st trimester	11.2 - 90.0	,,
	2nd trimester	25.6 - 89.4	,,
	3rd trimester	48.4 - 422.5	,,
ESTRADIOL (E2)	<5.00		pg/ml
	Women Reference Ranges		
	Follicular Phase	12.5 - 166	pg/ml
	Ovulation Phase	85.8 - 498	pg/ml
	Luteal Phase	43.8 - 211	pg/ml
	Postmenopause	<5.0 - 54.7	pg/ml
	Pregnancy		
	1st trimester	215 - >4300	pg/ml
	Fulvestrant (Faslodex) Cross Reactivity: Fulvestrant therapy will cause false elevated Estradiol Result with this method. Use LC/MS method if patient is on Fulvestrant to avoid Cross reactivity.		
TESTOSTERONE, TOTAL	5 L	6 - 82	ng/dl
SEX HORMONE BIND GLOBULIN	50	20 - 130	nmol/L
TESTOSTERONE, FREE	0.07 L	.2 - 2.6	ng/dl
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ENDOCRINE EVALUATION (Continued)			
IGF-1	107.0	93 - 212	ng/ml
CORTISOL	20.6		ug/dl
	Normal individuals:		
	Morning am 7-10:	6.2 - 19.4	ug/dl
	Afternoon pm 4-8 :	2.3 - 12.3	''
SEROLOGY			
CRP, Inflammation	1.6	<5.0	mg/L
----- END OF REPORT -----			