

Test Name	In Range	Out of Range	Reference Range	Lab
ESTROGEN, TOTAL, SERUM				EZ
ESTROGENS, TOTAL, SERUM		136 H	pg/mL	
			Reference Range: 130 OR LESS	
The total estrogen assay is not recommended for use in pre-pubertal children.				
TESTOSTERONE, FREE AND TOTAL, LC/MS/MS				EZ
TESTOSTERONE, TOTAL	496		ng/dL	
			Reference Range: 250-1100	
Total Testosterone was measured by LCMSMS. The LCMSMS method correlates well with our extraction/RIA method.				
% FREE TESTOSTERONE	1.67		%	
			Reference Range: 1.5-2.2	
TESTOSTERONE, FREE	83.1		pg/mL	
			Reference Range: 35.0-155.0	
CBC (INCLUDES DIFF/PLT)				RGA
WHITE BLOOD CELL COUNT	8.6		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	5.30		4.20-5.80 Million/uL	
HEMOGLOBIN	16.9		13.2-17.1 g/dL	
HEMATOCRIT	48.6		38.5-50.0 %	
MCV	91.6		80.0-100.0 fL	
MCH	31.9		27.0-33.0 pg	
MCHC	34.8		32.0-36.0 g/dL	
RDW	12.7		11.0-15.0 %	
PLATELET COUNT	194		140-400 Thousand/uL	
ABSOLUTE NEUTROPHILS	5839		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	2288		850-3900 cells/uL	
ABSOLUTE MONOCYTES	275		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	163		15-500 cells/uL	
ABSOLUTE BASOPHILS	34		0-200 cells/uL	
NEUTROPHILS	67.9		%	
LYMPHOCYTES	26.6		%	
MONOCYTES	3.2		%	
EOSINOPHILS	1.9		%	
BASOPHILS	0.4		%	
T3, TOTAL	122		97-219 ng/dL	RGA
T-3 UPTAKE	31		22-35 %	RGA
T-4, FREE	1.3		0.8-1.8 ng/dL	RGA
T-4 (THYROXINE), TOTAL	9.7		4.5-12.5 mcg/dL	RGA
FREE T4 INDEX (T7)	3.0		1.4-3.8	
TSH, 3RD GENERATION	1.67		0.40-4.50 mIU/L	RGA
HEMOGLOBIN A1c	5.1		% of total Hgb	RGA
			NON-DIABETIC: <6.0%	