

Element	Range	Measure	7/20/18	6/7/21
WBC	3.4 - 10.8	x10E3/ul	7.3	6.0
RBC	4.14 - 5.80	X10E6/ul	6.06	5.42
Hemoglobin	13.0 - 17.7	g/dl	18.2	15.9
Hematocrit	37.5 - 51.0	%	55.5	48.5
Ttl Cholesterol	100- 199	mg/dl	165	141
LDL	0 - 99	mg/dl	102	89
HDL	> 39	mg/dl	34	36
Triglycerides	< 150	mg/dl	145	82
VLDL Cholesterol	5 - 40	mg/dl	29	20
Ferritin	30 - 400	ng/ml	75	148
Iron	38 - 169	ug/dl	70	92
Iron Saturation	15 - 55	%		31
TIBC	250 - 450	ug/dl		280
UIBC	111 - 343	ug/dl		202
Glucose	65 - 99	mg/dl	99	96
Hemo A1C	4.8 - 5.6	%	5.3	5.2
TSH	0.45 - 4.50	uiu/ml	0.569	0.390
T3	.79 - 1.49	ng/dl	1.2	1.1
Free T3	2.0 - 4.4	pg/ml	3.2	3.7
T4	4.5 - 12.0	ug/dl	6.7	6.8
Free T4	0.82 - 1.77	ng/dl	1.38	1.29
Reverse T3	9.2 - 24.1	ng/dl	11.9	12.2
TgAB Antibody	0.0 - 0.9	iu/ml	< 1.0	< 1.0
TPOab Antibody	0 - 34	iu/ml	9	10
Vitamin D	30 - 100	ng/ml	57.3	69.0
Vitamin B12	> 231	pg/ml	477	962
Testosterone	264 - 916	ng/dl	479	1055
Free Test	7.2 - 24.0	pg/ml	10.6	31.6
% Free to Total	2.0 - 3.0	%	2.22%	2.87%
Bioavailable T	250 - 600	ng/dl	255	613
% Bio of Total	30 - 60	%	53.2%	58.1%
PSA	0.0 - 4.0	ng/ml	0.9	0.7
DHT	30 - 85	ng/dl	86	92
DHT % of Test	3.5 - 8.5	%	18.0%	8.7%
Prolactin	4.0 - 15.2	ng/ml	12.2	9.6
Estradiol, Sens	8.0 - 35.0	pg/ml	18.1	30.1
Free Estradiol E2	0.2 - 1.5	pg/ml		1.2
% Free E2 to Total	1.7 - 5.4	%		3.98%
Estradiol (E2) % T	1.0 - 5.0	%	3.78%	2.85%
T:E Ratio	20 - 50	Ratio	26.5	35.0
SHBG	19.3 - 76.4	nmol/l	28.6	32.7
DHEA-S	49 - 344	ug/dl	322.8	331.8
Pregnenolone	≤ 180	ng/dl	41	81
Progesterone	0.0 - 0.5	ng/ml	0.3	0.3
T Cyp Per Week	150 - 200	mg/ml	180 mg	168 mg
Protocol			90 mg E3.5D	24 mg Daily
Peak/Trough			Trough	Trough