

					100mg e7d	150mg e7d	100mg e3.5d	100mg e3.5d SQ	90mg e3.5d SQ	90mg e3.5d SQ	60mg 3x SQ
			pre-treatment	pre-treatment	injection day	injection day	injection day		injection day	42hrs after injecti	injection day
			9/22/2017	9/26/2017	12/19/2017	2/21/18	4/27/18	6/5/2018	7/2/2018	7/11/2018	9/19/2018
weight	lb		175	177	185	189	191	188	187		184
BP			134/78	134/72	140/68	140/80	136/72		144/68		
Cholesterol	mg/dL	100-200							178		
Trigl	mg/dL	0-150							57		
HDL	mg/dL	40-60							46		
LDLc	mg/dL	0.0-130.0							120.2		
Total Chol/HDL		<5							3.9		
Sodium	mEq/l	134-145			139	137	138		138		137
Potassium	mEq/l	3.6-5.1			4.1	4.3	4.1		3.7		3.8
Chloride	mEq/l	98-110			105	104	105		103		102
CO2	mEq/l	21-32			25	28	27		26		27
Anion	mmol/L				13.1	9.3	10.1		12.7		11.8
Glucose	mg/dL	70-105			98	112	114		110		107
Calcium	mg/dL	8.4-10.2			9	8.9	8.8		9.2		9.2
ALT	u/l	7-52			22	28	23		21		17
AST	u/l	12-48			27	33	30		20		23
Albumin	g/dl	3.5-5.7			4.6	4.6	4.5		4.8		4.7
ALP	u/l	29-119			57	56	51		55		48
Protein	g/dl	6.4-8.9			7.3	7.2	7		7.5		7.3
Bilirub	mg/dL	0.3-1.3			0.7	0.9	0.8		0.5		1
BUN	mg/dL	7-25			21	18	18		16		18
Creatine	mg/dL	0.70-1.30			1.1	1.2	1.21		1.08		1.16
Creatinine+eGFR	>=60				77	69	69		78		72
WBC	K/UL	4.0-11.0			4.3	3.9	4.3		5		4.6
RBC	K/UL	3.50-5.50			5.68	5.64	5.62		5.71		5.76
Hgb	g/dl	12.0-18.0			16.5	16.3	16.4		16.8		17
Hct	%	42.0-52.0			47.2	46.7	46.9		46.9		48
MCV	fL	75.0-100.0			83.1	82.8	83.5		82.1		83.3
MCH	pg	25.0-35.0			29	28.9	29.2		29.4		29.5
MCHC	g/dl	31.0-38.0			35	34.9	35		35.8		35.4
RDW	%	11.0-16.0			11.7	12.2	12.6		11.8		11.9
Granulocytes	K/UL	1.2-8.0									
Lymphocytes	K/UL	0.5-5.0			1.4	1.4	1.4		1.1		
Monocytes	K/UL	0.1-1.5			0.4						
Granulocytes	%	35.0-80.0									
Lymphocytes	%	15.0-50.0			32.6	35.5	33.3		22.8		
Monocytes	%	2.0-15.0			9.6	10.1	8.7		5.9		
Platelet	K/UL	150-372			253	233	251		244		227
A1C	%	4.0-6.0						5.1			
Vitamin D	ng/mL	30-100					50.73				
DHEA-S	ug/dL	89-457							152		404
PSA	ng/mL	0-4							0.459		
IGF-1	ng/mL	54-310							224		
IGF-1 z-score	st dev	-2 to +2							1.05		
Testost	ng/dl	262.0-1,070.0	254.3	215.4	242.4	648.4	987.2	854	627.1	1483.4	
Test Free - calculated	pg/mL	47-244		35				28.2	130		
Test total	ng/dl	240-950									1020
Test Free	ng/dl	4.85-19.0									34.7
Test bioavailable		72-235									541
SHBG		10-57							25		27
Estradiol Enhanced	pg/mL	10-40					69			68	42
Estrone	pg/mL	10-60					67			59	43
CORTISOL AM	ug/dL	6.2-19.4		16.8							
Prolactin	ng/ml	2.6-13.1		8.2							
LH	miU/ml	1.24-8.62		1.39					0		
FSH	miU/ml	1.27-19.26		3.82							
thyroid tests											
T4Free	ng/dl	0.79-1.77		1.31					1.19		
T3Free	pg/ml	2.30-4.20		3.68					3.44		
T3Reverse		9.0-27.0							16.7		
TSH	miU/ml	0.300-4.000		2.64					1.745		
FT3:Rt3 ratio									20.6		
Iron	ug/dL	50.00-212.00		103					47		101
Iron-Satn				27.39					12.18		27.08
Iron+TIBC		250.00-450.00		376					386		373
Ferritin	ng/ml	23.9-336.2		60.7				18	33.8		48.4