



Patient: Test, Jeff	MRN: 15	Acc #: 97527
Patient #: SWL-007	Birth: 8/28/1980	
Doctor: TEST, DOCTOR	Age: 37 years	Collection Date: 8/21/2018 6:00 AM
	Gender: Male	Received in Lab: 8/22/2018 11:56 AM
		CGM TK

TEST	IN RANGE	FLAG	UNITS	REFERENCE RANCE	LAST TEST
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GENERAL CHEMISTRY

COMPREHENSIVE METABOLIC PANEL

ALBUMIN	4		g/dL	3.5-5.0	7/19/2019	4
ALKALINE PHOSPHATE	64		U/L	38-126	7/19/2019	45
ALT	46		U/L	0.0-50.0	7/19/2019	32
AST	32		U/L	15.0-46.0	7/19/2019	35
BILIRUBEN, TOTAL	0.2		mg/dL	0.2-1.3	7/19/2019	0.3
BUN		8.0L	mg/dL	9.0-20	7/19/2019	12
CALCIUM	16.9	CRITICAL HIGH	mg/dL	8.4-10.2	7/19/2019	15H
CHLORIDE	103		mmol/L	98-107	7/19/2019	101
CREATININE	1.2		mg/dL	0.66-1.25	7/19/2019	0.7
eCO2	25	CRITICAL HIGH	mmol/L	22-30	7/19/2019	25
GLUCOSE	34	CRITICAL LOW	mg/dL	74-106	7/19/2019	91
K	1	CRITICAL LOW	mmol/L	3.5-5.1	7/19/2019	4
ANION GAP (K)	46				7/19/2019	N/A
PROTEIN TOTAL	6.4		g/dL	6.3-8.2	7/19/2019	6.5
SODIUM	180	CRITICAL HIGH	mmols/L	137-145	7/19/2019	138
C-PEPTIDE	0.9		ng/mL	0.73-3.68	7/19/2019	0.8
CK	65		U/L	55-170	7/19/2019	77
CRP	0.5			<1.0	7/19/2019	0.6
GGT		87H	U/L	15-73	7/19/2019	88H
Homocysteine	7		umol/L	6-14.8	7/19/2019	4L
INSULIN		27H	uIU/mL	2.30-26.0	7/19/2019	29H
IRON	55		ug/dL	49-181	7/19/2019	58
LIPASE	4		U/L	3.5-5.1	7/19/2019	4
MG	2		mg/dL	1.6-2.3	7/19/2019	4
PHOS	3.2		mg/dL	2.5-4.5	7/19/2019	3.9
TOTAL BINDING CAPACITY (TIBC)						
DIRECTTIBC	271		ug/dL	261-462	7/19/2019	212
% IRON SATURATION	12		%		7/19/2019	12
URIC ACID	7.1		mg/dL	3.5-8.5	7/19/2019	7
VITAMIN B-12		220L	pg/mL	239.0-931.0	7/19/2019	215L
VITAMIN D	35		ng/mL	Deficient: <20 Insufficient: 20-30 Sufficient: 30-100 Potential Toxicity: >100	7/19/2019	37



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LIPID PANEL					
CHOLESTEROL		209H	mg/dL	Optimal: <200 Borderline: 200-239 High: >240	7/16/2019 203H
TRYGLYCERIDES	94		mg/dL	Normal: <150 Borderline High: 150-199 High: 200-499 Very High: >500	7/17/2019 92
cLDL		116H	mg/dL	70-101	7/18/2019 115H
dHDL	45		mg/dL	40-60	7/19/2019 47
dLDL	196		mg/dL	Optimal: <100 Near Optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: >=190	7/19/2019 197

Hematology

CBC W/5 PART AUTO DIFF

White Blood Cell Count	51	CRITICAL HIGH	10*3/uL	4.23-9.07	7/19/2019 49H
Red Blood Cell Count	5		10*3/uL	4.63-6.08	7/20/2019 5
Hemoglobin	24	CRITICAL LOW	g/dL	13.7-17.5	7/21/2019 15
Hematocrit	42		%	40.1-51.0	7/22/2019 43
Mean red blood cell volume	80		fL	79-92.2	7/23/2019 88
Mean corpuscular hemoglobin	26		pg	25.7-32.2	7/24/2019 27
Mean corpuscular hemoglobin concentration	35		g/dL	32.3-36.5	7/25/2019 36
Platelet Count	8	CRITICAL LOW	10*3/uL	163-337	7/26/2019 8
Neutrophil percent	35		%	34.0-67.9	7/27/2019 35
Lymphocyte percent	27		%	21.8-53.1	7/28/2019 27
Monocyte percent	7		%	5.3-12.2	7/29/2019 8
Eosinophil percent	5		%	0.8-7.0	7/30/2019 4
Basophil percent	1		%	0.2-1.2	7/31/2019 1.5H
Neutrophil absolute	4		10*3/uL	1.78-5.38	8/1/2019 2.33
Lymphocyte absolute	2		10*3/uL	1.32-3.57	8/2/2019 2.02
Monocyte absolute	0.5		10*3/uL	0.30-0.82	7/19/2019 0.55
Eosinophil absolute	0.1		10*3/uL	0.04-0.54	7/20/2019 0.14
Basophil absolute	0.02		10*3/uL	0.01-0.08	7/21/2019 0.03
Immature granulate percent	0		%		7/22/2019 0
Immature granulocyte absolute	0		10*3/uL		7/23/2019 0
Red blood cell distribution width-Standard Deviation	40		fL	35.1-43.9	7/24/2019 37
Red blood cell distribution width-Coefficient of Variation	12		%	11.6-14.4	7/25/2019 13
Mean platelet volume	10		fL	9.4-12.4	7/26/2019 9.9



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Endocrinology/Hormones					
bhCG2	27		mIU/mL	>=25.0	N/A
Estradiol	45		pg/mL	Follicular Phase: 26.6-161 Pre-ovulatory: 187-382 Luteal Phase: 32.7-201 Post Menopause: 5.37-38.4 Normal Males: 5.37-65.9	N/A
FSH	8		mIU/mL	Follicular Phase: 1.98-11.6 Mid-cycle: 5.14-23.4 Luteal Phase: 1.38-9.58 Post-menopausal: 21.5-131 Normal Males: 1.55-9.74	N/A
LH	10		mIU/mL	Follicular Phase: 2.58-12.1 Mid-cycle: 27.3-96.9 Luteal Phase: 0.833-15.5 Post-menopause: 13.1-88.5	N/A
PRL	5		ng/mL	Non-Pregnant: 3.0-18.6 Males: 3.7-17.9	N/A
Progesterone	1.24		ng/mL	Follicular Phase: 0.4-2.03 Periovulatory: 0.40-4.47 Mid Luteal Phase: 5.22-22.7 Luteal Phase: 1.42-16.6 Pregnant Females: 1st Trimester: 6.57-40.3 2nd Trimester: 9.66-62.3 3rd Trimester: 24.5-334.0	N/A
PSA	3		ng/mL	<4.0	7/19/2019 3
T3 Total	0.99		ng/mL	0.970-1.69	7/19/2019 1
T3 Free	2.98		pg/mL	2.77-5.27	7/19/2019 3.4
T3 Uptake		23L	%	23.5-40.5	7/19/2019 25
T4 Total	5.66		ug/dL	5.53-11.0	7/19/2019 5.7
T4 Free	0.89		ng/dL	0.78-2.19	7/19/2019 92
Testosterone, Total	158		ng/dL	Normal Males 20-49 yrs: 132-813 Normal Males >50 yrs: 71.8-623 Females (cycling): 5.71-77.0	N/A
TSH, 3rd Gen	3.256		uIU/mL	0.465-4.68	7/19/2019 3.1
RF	10		IU/mL	<12	7/19/2019 10



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Special Chemistry

A1C	4.3		%	Non-Diabetic: 4.0-6.2 Borderline: >6.2-7.0 Diabetic: >7.0	7/19/2019 4.9
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Infectious Disease

HCV	NOT REACTIVE		N/A	Reactive: =>1.0 Repeat: 0.9 -<1.0 Not Reactive: =<1.0	N/A
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HIVc	NOT REACTIVE		%	Reactive: >1.0 Not Reactive: <1.0	N/A
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All homines are black on result