



Alcala Testing & Analysis Services
 3703 Camino Del Rio South 100-A
 San Diego, CA 92108
Phone: (619)450-5870 Fax: (619)450-6023
Director: Dr. David J. Smith, MD

APPROVAL REQUIRED

Patient:	Test, Blood		Acc #:	57711	
Patient #:	1-39814	Birth:	12/17/1975	Fasting:	YES
Doctor:	Doctor, Test	Age:	41 years	Collection Date:	5/18/2017 2:17 PM LAB
		Gender:	Male	Received in Lab:	5/19/2017 3:17 PM LAB

Test Name	Result	Units	Flag	Reference Range
CBC PANEL				<i>Run by: LAB on 5/18/2017 2:23 PM</i>
Prothrombin INR (PT-INR)	1.10	INR		0.90 - 1.20
WBC	5.0	10e3/uL		4.1 - 10.9
LYM	4.0	10e3/uL		0.6 - 4.1
MID	1.5	10e3/uL		0.0 - 1.8
GRA	5.0	10e3/uL		2.0 - 7.8
LYM%	45.0	%		10.0 - 58.5
MID%	5.0	%		0.1 - 24.0
RBC	5.00	10e6/uL		4.20 - 6.30
HGB	15.0	g/dL		12.0 - 18.0
HCT	40.0	%		37.0 - 51.0
MCV	90.0	fL		80.0 - 97.0
MCH	29.0	pg		26.0 - 32.0
MCHC	34.0	g/dL		31.0 - 36.0
RDW	13.0	%		11.5 - 14.5
PLT	250	10e3/uL		140 - 440
MPV	5.0	fL		0.0 - 49.9
GRA%	85.0	%		37.0 - 92.0



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Test Name	Result	Units	Flag	Reference Range
[A] MALE WELLNESS SUBPANEL - BLOOD				Run by: CT on 4/18/2018 10:51 AM
<i>**Preliminary Results** Manager Approval Required</i>				
Amylase	120	U/L		25 - 125
Apolipoprotein B	150.00	mg/dL		49.00 - 173.00
Bilirubin (Direct)	0.400	mg/dL		0.010 - 0.500
C-Peptide	5.0	ng/mL		0.8 - 5.2
Complement C4	50	mg/dL		15 - 53
C-reactive protein (CRP)	0.450	mg/dL		0.020 - 0.500
Cholesterol (Total)	280.0	mg/dL	HIGH	199.0 - 240.0
Triglycerides	250.0	mg/dL	HIGH	1.0 - 200.0
HDL Ultra (High-density Lipoprotein)	35.0	mg/dL	LOW	40.0 - 60.0
Direct LDL(DLDL)	180.0	mg/dL		80.0 - 190.0
Lactate Dehydrogenase (LDH)	200.0	U/L		125.0 - 243.0
Lipoprotein (a)	5.0	mg/dL		1.0 - 30.0
Lithium	< 0.101	mmol/L	LOW	1.00 - 1.20
Iron	150.0	ug/dL		65.0 - 175.0
Insulin	5.0	uU/mL		1.0 - 300.0
Homocysteine	25.0	umol/L	HIGH	5.5 - 16.2
HbA1c_IA	<4.0%	%		0.2 - 4.5
*** 5.7-6.4% = Diabetes risk. >6.5% = Diabetes (ADA recommendations). This HbA1c assay is suitable for monitoring purposes, please request the more sensitive HbA1c chemistry-assay suitable for routine monitoring and the diagnosis of Diabetes if required.				
Ferritin	350.00	ng/mL		20.00 - 500.00
Folate	6.0	ng/mL	LOW	7.0 - 31.4
Free Triiodothyronine (FT3)	4.0	pg/mL		1.7 - 4.2
Total Triiodothyronine (TT3)	1.5	ng/mL		0.8 - 2.0
Free Thyroxine (FT4)	1.3	ng/dL		0.7 - 1.5
Total Thyroxine (TT4)	5.0	ug/dL		4.5 - 12.5
Thyroid Stimulating Hormone (TSH)	4.0000	uIU/mL		0.4000 - 4.2000
T-Uptake	30.0	%		27.0 - 37.0
Parathyroid Hormone (PTH)	75.0	pg/mL		8.7 - 77.1
Testosterone	5.00	ng/dL	LOW	47.00 - 980.00
Transferrin	300.0	mg/dL		174.0 - 364.0
Total Iron Binding Capacity (TIBC)	375.00	ug/dL		218.00 - 455.00
Transferrin Saturation (%)	40.0	%		20.0 - 50.0
Rheumatoid Factor (RF)	<15.0	IU/mL		0.1 - 30.0
Vitamin B12	2000.0	pg/mL	HIGH	200.0 - 915.0
Vitamin D3	15.0	ng/mL		13.0 - 50.0



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COMPLETE METABOLIC PANEL				
Albumin BCP	4.0	g/dL		Run by: LAB on 5/18/2017 2:23 PM 3.5 - 6.0
Calculated Globulin (CG)	3.0	g/dL		1.9 - 3.7
A/G Ratio	1.3			1.0 - 2.5
Alkaline Phosphatase	120.0	U/L		55.0 - 135.0
Alanine Aminotransferase (ALT)	60.0	U/L	HIGH	1.0 - 55.0
Aspartate Aminotransferase (AST)	36.0	U/L	HIGH	5.0 - 34.0
Bilirubin (Total)	1.000	mg/dL		0.200 - 1.200
Calcium	10.00	mg/dL		8.40 - 10.20
Chloride	100.0	mmol/L		98.0 - 107.0
Potassium	5.0	mmol/L		3.5 - 5.1
Sodium	140.0	mmol/L		136.0 - 145.0
Creatinine	1.20	mg/dL		0.70 - 1.30
Carbon Dioxide (CO2)	25.0	mEq/L		22.0 - 29.0
Glucose	110.0	mg/dL	HIGH	70.0 - 105.0
Total Protein	7.00	g/dL		6.00 - 8.00
Urea (BUN) - Blood Urea Nitrogen	15.0	mg/dL		8.9 - 20.6



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Test Name	Result	Units	Flag	Reference Range
eGFR calculated (Male) - 2009 CKD-EPI creatinine equation				<i>Run by: LAB on 5/18/2017 2:23 PM</i>
eGFR calculated (Male)	75	(mL/min/1.73m2)		60 - 120
AA eGFR calculated (Male)	87	(mL/min/1.73m2)		60 - 120
BUN/Creatinine Ratio (BCR)	13			6 - 22

Reviewed By: _____

Date: _____