



2151 ALT AIA SOUTH. #1500
 JUPITER, FL 33477
 (561)745-1233

Client: ACTIVE MIND AND BODY 16375 MONTEREY ROAD SUITE A (408) 778-5090 Phys: REBONG, KENNETH	6289	Patient: Room# Phone: () - ID#: A1003000212086 Route#: 0	Age:42 Sex:F Page:1
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Acc# 000212086	Coll. Date: 03/26/10	Recv. Date: 03/29/10	Print Date: 04/08/10
Chart#	Coll. Time: 00:00	Recv. Time:13:51:31	Print Time: 16:43
First reported on:	03/29/10	Final report date:	

Test Name	Results	Normal Range	Units
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Report Status: PRELIMINARY

**COMMENTS:
COAGULATION**

FIBRINOGEN 253 180 - 425 mg/dl

CBC

WBC 6.2 3.9 - 11.4 K/ul
 RBC 4.26 3.8 - 5.5 M/ul
 HEMOGLOBIN 13.4 11.5 - 15.2 g/dl
 HEMATOCRIT 41.4 34.0 - 47.0 %
 MCV 97 80.0 - 100.0 fl
 MCH 31.4 26.0 - 34.0 pg
 MCHC 32.3 31.0 - 37.0 g/dl
 RDW 15.9 H 11.0 - 15.5 %
 PLATELET COUNT 235 140 - 400 k/ul
 MPV 10.1 7.5 - 11.6 fl

DIFFERENTIAL

GR% 68.9 38 - 75 %
 LY% 27.8 15 - 49 %
 MO% 2.4 2.0 - 13.0 %
 EO% 0.5 0 - 8 %
 BA% 0.4 0 - 2 %

Differential may be altered due to age of specimen.

GR# 4.3 1.6 - 8.4 K/ul
 LY# 1.7 1.0 - 3.6 K/ul
 MO# 0.2 0.0 - 0.9 K/ul
 EO# 0.0 0.0 - 0.6 K/ul
 BA# 0.0 0.0 - 0.2 K/ul

GENERAL CHEMISTRY

GLUCOSE 84 65 - 100 mg/dl
 BUN 14 6 - 20 mg/dl
 CREATININE, SERUM 0.6 0.4 - 1.1 mg/dl
 SODIUM 138 133 - 145 mmol/L
 POTASSIUM 3.9 3.3 - 5.1 mmol/L
 CHLORIDE 103 96 - 108 mmol/L
 CO2 24 22 - 32 mmol/L
 CALCIUM 9.6 8.5 - 10.5 mg/dl
 TOTAL PROTEIN 7.6 6.4 - 8.3 g/dl
 ALBUMIN 4.5 3.2 - 4.8 g/dl
 GLOBULIN 3.1 2.2 - 3.7 g/dl
 BILIRUBIN, TOTAL 0.6 0.0 - 1.0 mg/dl

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GENERAL CHEMISTRY (Continued)			
ALKALINE PHOSPHATASE	80	30 - 104	U/L
ALT	17	<32	U/L
AST	16	<33	U/L
A/G RATIO	1.5	0.8 - 2.0	
BUN/CREAT RATIO	23.3 R	7.3 - 21.7	
CARDIAC EVALUATION			
CK, Total	91	24 - 170	U/L
DIABETES EVALUATION			
HEMOGLOBIN A1C	5.7	<6.0	%
Non-diabetics < 6.0 % Diabetics goal of therapy is < 7.0 % Reassess the treatment regimen if > 8.0 %			
INSULIN, Fasting	5.0	2.6 - 24.9	uIU/ml
IRON/ANEMIA EVALUATION			
FERRITIN	38.4	13 - 300	ng/ml
CORONARY RISK			
TRIGLYCERIDES	53	<150	mg/dl
CHOLESTEROL, TOTAL	159	<200	mg/dl
HDL CHOLESTEROL	53	>40	mg/dl
LDL CHOLESTEROL, calc.	95	<100	mg/dl
CHOL/HDL RATIO	3.0	<4.4	
The higher the Ratio, the higher CHD risk.			
CRP, Cardio	0.3	Low Risk of CVD	mg/L+
Low Risk of Cardiovascular Disease: CRP < 1 mg/L Medium Risk (<2-fold increase) : CRP 1-3 mg/L High Risk (Approx. 2-fold increase) : CRP >3 mg/L			
HOMOCYSTEINE	6.4	4.5 - 15.0	umol/L
Ideal level <8.0 umol/L			

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CORONARY RISK (Continued)

Lipoprotein (a) 9.0 <30 mg/dl

THYROID TESTING

THYROID PANEL

T3, FREE	2.8	1.8 - 4.6	pg/ml
T4, FREE	1.30	0.9 - 1.7	ng/dl
TSH	5.110 H	0.27 - 4.2	uIU/ml
T4, TOTAL	8.6	5.1 - 14.1	ug/dl

ENDOCRINE EVALUATION

ESTRADIOL 258.1 pg/ml

Ideal level <8.0 umol/L
7.6 - 42.6

Men

Reference Range for Estradiol

Women

Follicular Phase	12.5 - 166	pg/ml
Ovulation Phase	85.8 - 498	pg/ml
Luteal Phase	43.8 - 211	pg/ml
Postmenopause	<5.0 - 54.7	pg/ml
Pregnancy		
1st trimester	215 - >4300	

TESTOSTERONE, TOTAL	64	6 - 82	ng/dl
SEX HORMONE BIND GLOBULIN	32	20 - 130	nmol/L
TESTOSTERONE, FREE	0.70	0.0 - 8.4	ng/dl
IGF-1	337.0 H	101 - 267	ng/ml

Other related REFERENCE RANGES (If applicable)

Tanner Stage	Female	Male
1	49-342	63-279
2	115-428	75-420
3	145-760	94-765
4	244-787	192-861
5	143-859	171-814

OTHER TESTS

VITAMIN D,25-HYDROXY,LCMS

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OTHER TESTS (Continued)

Vitamin D,25-OH,Total	40	>30	ng/ml
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Notes:
25-OHD3(cholecalciferol) indicates both endogenous production and supplementation. 25-OHD2(ergocalciferol) is an indicator of exogenous sources such as diet or supplementation. Therapy is based on measurement of Total 25OHD, with level <20 ng/ml indicative of Vitamin D deficiency, while levels between 20ng/ml - 30 ng/ml suggest insufficiency. Optimal Levels are > 30 ng/ml. Method used for testing is LC/MS/MS.

Vitamin D,25-OH,D2	0.0		ng/ml
Vitamin D,25-OH,D3	40.0		ng/ml

INDIVIDUAL SALIVA TESTS

ESTRONE, SALIVA	PENDING	0.2 - 15.8	pg/ml
ESTRADIOL, SALIVA	PENDING		pg/ml
ESTRIOL, SALIVA	PENDING	0.4 - 16.0	pg/ml
PROGESTERONE, SALIVA	PENDING		pg/ml
DHEA, SALIVA	PENDING	0.3 - 23.5	ng/ml
TESTOSTERONE, SALIVA	PENDING	23.0 - 96.0	pg/ml
MELATONIN AM	PENDING	0.3 - 42.00	pg/ml
17-OH PROGESTERONE, SALIVA	PENDING	15.4 - 60.5	pg/ml
ANDROSTENEDIONE, SALIVA	PENDING	6 - 69	pg/ml

DHT, SALIVA	PENDING	1.2 - 60.0	pg/ml
CORTISOL, MORNING	PENDING	0.2 - 3.2	ng/ml

END OF REPORT