



Preliminary Report Date: 05-16-2016 14:27

Specimen Collected: 05-09-2016

Accession ID: 1605100132

Specimen Received: 05-10-2016 11:34

Last Name	First Name	Middle Name	Date of Birth	Gender	Physician ID
				Female	2216

P A T I E N T	Name: [REDACTED]	P R O V I D E R	Practice Name: Justin Family Practice INT5
	Date of Birth: Gender: Female		Provider Name: Monty Morris, PAC (2216)
	Age: 36		Street Address: 310 W. 2ND STREET
	Medical Record Number:		City: JUSTIN
	Telephone #: [REDACTED]		State: TX
	Street Address: [REDACTED]		Zip #: 76247
	[REDACTED]		Telephone #: 940-648-9900
Email:	Fax #: 940-648-1600		
Fasting: FASTING	No. of hours: 8.0		

The comments in this report are meant only for clinical guidance
Please consult your physician for medication, treatment or life style management

Nutrition	Test name	In Control	Moderate	High Risk	In Control Range	Moderate Range	High Risk Range	Previous
	Vitamin D (ng/mL)	43				>=30		<=29

Tests flagged with * were developed by and performance characteristics were determined by Vibrant America. Indicated tests are not FDA-cleared or approved. The laboratory is regulated under CLIA as qualified to perform high-complexity testing. This test is used for clinical purposes. It should not be regarded as investigational or for research. Tests flagged with * were performed at Vibrant Genomics. Tests flagged with † were performed at Vibrant Wellness. Results of the following tests obtained with different manufacturers' assay methods may not be used interchangeably. The magnitude of the reported levels cannot be correlated to an endpoint titer: all Celiac section tests, Connective Tissue Disease section tests, and the ENA Profile-5. Laboratory Director: Mervyn Sahud, M.D. CLIA 05D2078809 CLF 00346278
Vibrant America Clinical Laboratory, 1021 Howard Avenue, Suite B, San Carlos, CA 94070. Phone: +1(866)364-0963 FAX: +1(650)508-8260; Email: support@vibrant-america.com



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Lipids	Test name	In Control	Moderate	High Risk	In Control Range	Moderate Range	High Risk Range	Previous
	Cholesterol, Total (mg/dL)	175			<=199	200-240	>=241	
	LDL Direct (mg/dL)		103		<=99	100-129	>=130	
	HDL Direct (mg/dL)	67			>=66	45-65	<=44	
	Triglyceride (mg/dL)	47			<=149	150-200	>=201	

Comments

Follow NCEP: ATPIII guidelines. Dietary strategies to consider include adequate intake of monounsaturated fats and omega-3 fatty acids, moderate alcohol intake, reduction of total carbohydrate to less than 50% of calories, emphasis on low glycemic-load foods and reduction of fructose, weight loss and regular exercise.

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Thyroid	Current	Reference Range	Previous
Free T3 (pg/mL)	2.4	2.0-4.4	
Free T4 (ng/dL)	0.9	0.9-1.7	
T4 - Thyroxine (µg/dL)	4.3 L	4.5-9.8	
T3 - Triiodothyronine (ng/mL)	0.7 L	0.8-2.0	
TSH (µIU/mL)	2.970	0.111-4.910	
Anti-TPO (IU/mL)	7	<=34	
Reverse T3			

Hormones	Current	Reference Range	Previous
Estradiol (pg/mL)	191.9		
SHBG (nmol/L)	142.0 H	24.6-122.0	
Testosterone, Total (ng/dL)	35.0 L	160.0-301.0	
FSH (mIU/mL)	6.6		
LH (mIU/mL)	10.9		
Progesterone (ng/mL)	14.02		

Labnotes

Testosterone, Total :- The range for this test was determined as the optimal range by Vibrant Wellness. Optimal Ranges* are those that reflect low to zero risk for disease and denote optimal wellness and healthy aging.

Estradiol	
Phase	Reference Range
FOLLICULAR	12.4 - 233 pg/mL
OVULATION	41.6 - 398 pg/mL
LUTEAL	22.3 - 341 pg/mL
Postmenopause	<5 - 138 pg/mL
PREGNANCY 1st trimester	154 - 3243 pg/mL
PREGNANCY 2nd trimester	1561 - 21280 pg/mL
PREGNANCY 3rd trimester	8525 - >30000 pg/mL

FSH	
Phase	Reference Range
FOLLICULAR	3.5 - 12.5 mIU/mL
OVULATION	4.7 - 21.5 mIU/mL
LUTEAL	1.7 - 7.7 mIU/mL
Postmenopause	25.8-134.8 mIU/mL

LH	
Phase	Reference Range
FOLLICULAR	2.4 - 12.6 mIU/mL
OVULATION	14.85-8 mIU/mL
LUTEAL	1 - 11.4 mIU/mL
Postmenopause	7.7-58.5 mIU/mL

Progesterone	
Phase	Reference Range
FOLLICULAR	0.2 - 1.5 ng/mL
OVULATION	0.8 - 3 ng/mL
LUTEAL	1.7 -27.0 ng/mL
Postmenopause	0.1 - 0.8 ng/mL

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