

REPRINT

OCT 2010

SUNRISE MEDICAL LABORATORIES

250 Miller Place  
 Hicksville, NY 11801  
 (800) 782-0282

Patient:  
 TULLY COSTA, EVELYN  
 EH590121

Age/DOB:  
 49 10/18/1960

Sex: Telephone No. Route  
 U 718-778-0022

Requested by:  
 Elie Fteha, MD  
 10 Plaza St.  
 Brooklyn, NY 11238

Coll. Date Accn. Date Rep. Date  
 10/14/10 10/14/10 10/21/10

AccountNo. Accession No.  
 14196 EH590121

ELIE FTEHA, MD

Report Comments:  
 FASTING

TEST NAME	NORMAL	ABNORMAL	UNITS	NORMAL RANGE
VITAMIN B12/FOLATE				
VITAMIN B-12	587		PG/ML	211-911
FOLATE, SERUM	19.1		NG/ML	>5.5
FSH/LH PROFILE				
FSH	118.0		mIU/ml	See Below
***** FSH Reference Ranges *****				
FEMALE: Follicular : 3-11 mIU/ml				
Mid-Cycle Peak: 6-21 mIU/ml				
Luteal: 1-9 mIU/ml				
Post-Menopausal: 22-153 mIU/ml				
MALE: 1-11 mIU/ml				
LUTENIZING HORMONE (LH)	41.9		mIU/ml	See Below
***** LH Reference Ranges *****				
FEMALE: Follicular: 1-12 mIU/ml				
Mid-Cycle Peak: 17-77 mIU/ml				
Post-Menopausal: 11-40 mIU/ml				
MALE: 1-8 mIU/ml				
COMPREHENSIVE METABOLIC PANEL (AMA)				
GLUCOSE		108 (H)	MG/DL	70-100
UREA NITROGEN	18		MG/DL	7-25
CREATININE	0.79		MG/DL	0.4-1.4
SODIUM	141		MEQ/L	135-148
POTASSIUM	4.2		MEQ/L	3.5-5.3
CHLORIDE	103		MEQ/L	98-107
CARBON DIOXIDE	21		MEQ/L	18-32
CALCIUM	9.9		MG/DL	8.1-10.7
TOTAL PROTEIN	7.1		G/DL	6.4-8.9
ALBUMIN	4.8		G/DL	3.5-5.7
GLOBULIN	2.3		G/DL	1.8-3.8
A/G	2.1		RATIO	1.0-2.5
ALKALINE PHOSPHATASE	69		U/L	30-132

PARTIAL REPORT

REPORT CONTINUED ON NEXT PAGE

PAGE: 1



CONTINUED REPORT

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AST (SGOT)	21		U/L	5-39
ALT (SGPT)	17		U/L	5-52
BILIRUBIN, TOTAL	0.4		MG/DL	0.3-1.0
LIPID PANEL (AMA)				
CHOLESTEROL		285 (H)	MG/DL	<200
HDL CHOLESTEROL	58		MG/DL	>40
LDL CHOLESTEROL, CALC		213 (H)	MG/DL	<130

ADULT LDL CHOLESTEROL CLASSIFICATION

<100mg/dl	Optimal
100-129	Near/Above Optimal
130-159mg/dl	Borderline High
>160mg/dl	High Risk

Direct LDL is recommended for patients with triglycerides >400.

VLDL	14	MG/DL	<30
TRIGLYCERIDES	68	MG/DL	<150
CHOLESTEROL/HDL RATIO	4.9		<5.0
HEMOGLOBIN A1c			
HEMOGLOBIN A1c	6.0	%	4.0-6.5

Hemoglobin A1c	Degree of Glucose Control
Greater than 8%	Additional action suggested
Less than 7%	Treatment goal for diabetes mellitus
5.7-6.4%	Increased risk for future diabetes

\*\*2010 ADA Clinical Practice Recommendations\*\*

CBC/PLT/DIFF			
COMPLETE BLOOD COUNT			
WBC	4.7	THDS/CMM	3.6-11.0
RBC	4.49	MILL/CMM	3.80-6.10

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PAGE: 2



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HEMOGLOBIN	14.3		G/DL	11.0-18.0
HEMATOCRIT	43.4		%	35-52
MCV	97		fL	75-100
MCH	31.8		pg	27.0-35.0
MCHC	32.9		g/dl	31.0-36.0
RDW	14.7		%	11.2-14.8
PLATELET COUNT	220		THOUS/CMM	140-440
DIFFERENTIAL				
POLYS	48		%	45-75
BANDS	0		%	0-2
LYMPHS	44		%	20-45
MONOS	5		%	0-13
EOS	2		%	0-5
BASOS	1		%	0-2
PLATELET EST	ADEQUATE			ADEQUATE
URINALYSIS, CHEMISTRIES ONLY				
PH	5.5			5.0-7.0
SPECIFIC GRAVITY	1.016			1.005-1.030
APPEARANCE	CLEAR			CLEAR
COLOR	YELLOW			YELLOW
PROTEIN	NEG			NEG
GLUCOSE, URINE	NEG			NEG
KETONE	NEG			NEG
BILIRUBIN	NEG			NEG
BLOOD	NEG			NEG
LEUKOCYTE ESTERASE		1+ (*)		NEG
NITRITE	NEG			NEG
UROBILINOGEN	NORMAL			NORMAL
ESTROGENS, TOTAL AND FRACTIONATED				
ESTRADIOL BY TMS	12.9		pg/mL	
ESTRONE BY TMS	8.5		pg/mL	
ESTROGENS, TOTAL	21.4		pg/mL	
TEST Performed at:				



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TEST NAME	NORMAL	ABNORMAL	UNITS	NORMAL RANGE
Associated Regional and University Pathologists, Inc (ARUP) 500 Chipeta Way, Salt Lake City, UT 1 (800) 522-2787				
FREE T-4	1.24		NG/DL	0.88-1.70
PROGESTERONE	<0.2		NG/ML	See Report
***** PROGESTERONE REFERENCE RANGES (ng/ml)*****				
FEMALE:				
Follicular phase:		0.0-1.1		
Midfollicular:		0.0-1.0		
Midcycle:		0.5-1.7		
Luteal phase:		1.0-21		
Midluteal:		6.0-24		
Post-menopausal:		0.0-1.0		
Oral Contraceptives:		0.3-0.9		
Pregnancy:		1st Trimester: 9-33		
		2nd Trimester: 30-50		
		3rd Trimester: 83-160		
MALE: 0.0-0.9				

TSH, ULTRASENSITIVE 1.500 uIU/mL 0.270-4.200  
 Maple Syrup Urine Disease PENDING

PARTIAL REPORT - FINAL TO FOLLOW