

SUNRISE MEDICAL LABORATORIES
We take it personally

240 Motor Parkway
 Hauppauge, N.Y. 11788
 800-782-028
 www.sunriselab.com

PATIENT NAME:

COSTA, EVELYN
 EC285976

AGE
 49

SEX
 F

TELEPHONE NO.
 7187780022

ROUTE
 1200

REQUESTED BY:

Elie Fteha, MD
 10 Plaza St.
 Brooklyn, NY 11238

COLLECTION DATE
 06/10/10

ACCESSION DATE
 06/10/10

REPORT DATE
 06/14/10

ACCOUNT NO.
 14196

ACCESSION/REG. NO.
 EC285976

FTEHA MD
 FASTING

TEST(S) ORDERED: CORT, CBCDIFFLT,
 FRUC, BORRELIA, A1C, LIPID, METAB,
 ESTG

TEST NAME	WITHIN RANGE	OUTSIDE RANGE	UNITS	INDEX	REFERENCE RANGE
LYME, IgG/IgM	0.05			0.00-1.09	

Values of 0.90-1.09 are considered borderline and may not be specific antibody to B.burgdorferi. Retesting in 3 to 6 weeks is recommended for these patients. Sera from patients with other spirochetal diseases, mononucleosis, and SLE may give false positives.

Supplemental testing with LYMES WESTERN BLOT or IMUGEN LYMES should be performed on Positive ELISA results as an aid to diagnosis

COMPREHENSIVE METABOLIC PANEL (AMA)

GLUCOSE		108 (H)	MG/DL	70-100
UREA NITROGEN	20		MG/DL	6-26
CREATININE	0.87		MG/DL	0.4-1.4
GFR Calculation	>60		ml/min/1.73m2	>60
GFR in African American	>60			
SODIUM	143		MEQ/L	135-148
POTASSIUM	4.2		MEQ/L	3.5-5.3
CHLORIDE	102		MEQ/L	96-109
CARBON DIOXIDE	25		MEQ/L	18-32
CALCIUM	9.8		MG/DL	8.1-10.7
TOTAL PROTEIN	7.3		G/DL	6.0-8.5
ALBUMIN	4.7		G/DL	3.5-5.2
GLOBULIN	2.6		G/DL	1.8-3.8
A/G	1.8		RATIO	1.0-2.5
ALKALINE PHOSPHATASE	84		U/L	40-135
AST (SGOT)	29		U/L	4-42
ALT (SGPT)	29		U/L	5-45
BILIRUBIN, TOTAL	0.6		MG/DL	0.1-1.2
LIPID PANEL (AMA)				
CHOLESTEROL		245 (H)	MG/DL	<200
HDL CHOLESTEROL	70		MG/DL	>40
LDL CHOLESTEROL, CALC		163 (H)	MG/DL	<130
ADULT LDL CHOLESTEROL CLASSIFICATION				

<100mg/dl _____ Optimal

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TEST(S) ORDERED: CORT, CBC/DIF/PLT,
 FRUC, BORRELIA, A1C, LIPID, METAB,
 ESTG

TEST NAME	WITHIN RANGE	OUTSIDE RANGE	UNITS	REFERENCE RANGE
100-129		Near/Above Optimal		
130-159mg/dl		Borderline High		
>160mg/dl		High Risk		

Direct LDL is recommended for patients with triglycerides >400.

VLDL	12	MG/DL	<30
TRIGLYCERIDES	58	MG/DL	<150
CHOLESTEROL/HDL RATIO	3.5		<4.5
HEMOGLOBIN A1c	6.0	%	4.0-6.5

Hemoglobin A1c

Degree of Glucose Control

 Greater than 8%
 Less than 7%
 5.7-6.4%

 Additional action suggested
 Treatment goal for diabetes mellitus
 Increased risk for future diabetes

2010 ADA Clinical Practice Recommendations

FRUCTOSAMINE	249	umol/L	205-285
Additional Reference Range for Fructosamine:			
Controlled Diabetics: 210-421 umol/L			
Uncontrolled Diabetics: 268-870 umol/L			

CBC/PLT/DIFF

COMPLETE BLOOD COUNT

WBC	5.3		
RBC	4.64		THDS/CMM 3.6-11.0
HEMOGLOBIN	13.9		MILL/CMM 3.80-5.20
HEMATOCRIT	43.9		G/DL 11.9-16.0
MCV	95		% 35-47
MCH	30.0		fL 75-100
MCHC		31.7 (L)	pg 26.0-33.0
RDW	14.4		g/dl 32.0-35.0
PLATELET COUNT	229		% 11.2-14.8
DIFFERENTIAL			THOUS/CMM 140-440
POLYS	49	%	45-75
BANDS	0	%	0-2
LYMPHS	44	%	20-45

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No label necessary

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ESTC

TEST NAME	WITHIN RANGE	OUTSIDE RANGE	UNITS	REFERENCE RANGE
MONOS	5		%	0-15
EOS	2		%	0-5
BASOS	0		%	0-2
PLATELET EST	ADEQUATE			ADEQUATE
CORTISOL	13.1		MCG/DL	

AM CORTISOL NORMALS = 5-25 ug/d
PM CORTISOL NORMALS = 5-14 ug/d

ESTROGENS, TOTAL AND FRACTIONATED

ESTRADIOL BY TMS	9.8	pg/mL
ESTRONE BY TMS	11.4	pg/mL
ESTROGENS, TOTAL	21.2	pg/mL

Reference interval of estrogens in serum in adults.

Females:	Estrone (pg/ml)	Estradiol (pg/ml)	Total Estrogens (pg/ml)
Early follicular	<150	30-100	30-250
Late follicular	100-250	100-400	200-650
Luteal	<200	50-150	50-350
Post-menopausal	3-32	2-21	5-52

TEST Performed at:

Associated Regional and University Pathologists, Inc
(ARUP) 500 Chipeta Way, Salt Lake City, UT
1(800)522-2787

*** FINAL REPORT ***