

JAN ~~OCT~~ 2013



Department of Pathology and Laboratory Medicine
506 Sixth Street
Brooklyn, NY 11215
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Medical Director
TEL (718).780.3634
Accession #: n/a

Patient Name: TULLY COSTA, EVELYN
Medical Rec: 00004633371
DOB/Sex: 10/18/1960 Female

Client Information:
Diamond Medical Associates
10 Plaza Street
Brooklyn, NY 11238-
Client #: 6649

(718) 778-0022

718-638 2551
RECEIVED LABS

Ordering Physician: Ftaha MD, Alber

FINAL REPORT

Hematology

Hemogram

Collected Date: 1/8/2013 20:41 EST

Procedure	In Range	Out of Range	Reference Range	Received Date
WBC	5.0		[4.0-10.3]	1/8/2013
Uncorrected WBC	5.0		[4.0-10.3]	1/8/2013
RBC	4.49		[3.73-5.03]	1/8/2013
Hemoglobin	14.1		[11.6-14.4]	1/8/2013
Hematocrit		43.4 ^H	[34.7-43.0]	1/8/2013
MCV	96.7		[79.5-98.0]	1/8/2013
MCH	31.3		[26.1-33.7]	1/8/2013
MCHC	32.4		[32.2-35.1]	1/8/2013
RDW	14.3		[11.9-15.0]	1/8/2013
Platelets	198		[117-361]	1/8/2013
MPV	9.4		[7.1-10.5]	1/8/2013

Automated Differential

Collected Date: 1/8/2013 20:41 EST

Procedure	In Range	Out of Range	Reference Range	Received Date
Neutrophils %	55.1		[40.7-75.6]	1/8/2013
Lymphocytes %	33.2		[15.5-47.1]	1/8/2013
Monocytes %	9.2		[3.2-11.7]	1/8/2013
Eosinophils %	2.2		[0.0-7.5]	1/8/2013
Basophils %	0.3		[0.0-2.4]	1/8/2013
Neutrophils #	2.70		[1.40-7.00]	1/8/2013
Lymphocytes #	1.60		[0.9	
Monocytes #	0.50		[0.2	
Eosinophils #	0.10		[0.0	
Basophils #	0.00		[0.0	

- ✓ LFT 2uks
prior to start
stain

- Chol 233
LDL 154 } 6/12
HA2C 5.9

LAB LEGEND: m=Corrected, *=Abnormal, C=Critical, L=L

Print Date/Time: 1/12/2013 05:03 EST

Report Request ID: 1483

New York Methodist Hospital
 Department of Pathology and Laboratory Medicine

TULLY COSTA, EVELYN
 Medical Rec: 00004633371

Chemistry

General Chemistry

Collected Date: 1/8/2013 20:41 EST

Procedure	In Range	Out of Range	Units	Reference Range
Glucose		104 ^H	mg/dL	[55-100]
BUN		20 ^H	mg/dL	[7-18]
Creatinine	0.66		mg/dL	[0.51-0.95]
Sodium	141		mmol/L	[136-145]
Potassium	4.5		mmol/L	[3.5-5.1]
Chloride	105		mmol/L	[100-108]
CO2	26		mmol/L	[21-32]
Calcium	9.3		mg/dL	[8.5-10.1]
Anion Gap	10		mmol/L	[08-16]
Albumin	4.4		g/dL	[3.4-5.0]
Total Protein	7.3		g/dL	[6.4-8.2]
Bilirubin, Total	0.4		mg/dL	[0.2-1.0]
Alkaline Phosphatase	76		u/L	[50-136]
ALT		81 ^H	u/L	[8-62]
AST	37		u/L	[15-37]
Hemolysis Index	Not Hemolyzed			
Lipemic Index	Not Lipemic			
Icteric Index	Not Icteric			
Cholesterol		250 ^H	mg/dL	[<=200]
Triglycerides	71		mg/dL	[<=150]
HDL Cholesterol		77 ^H	mg/dL	[40-60]
LDL Cholesterol, Direct		162 ^H	mg/dL	[<=100]
Ferritin		259.0 ^{H^1}	ng/mL	[8.0-252.0]
Glycohemoglobin		6.3 ^{H^2}	%HbA1C	[4.0-5.6]
Estimated Average Glucose		134.11 ^H	mg/dL	[68.10-114.02]
Vitamin B12		922 ^{H^3}	pg/mL	[211-911]
eGFR if non-African American	>60.00 ¹¹		mL/min/1.73m ²	[>=60.00]
eGFR if African American	>60.00		mL/min/1.73m ²	[>=60.00]

Result Comments

f1: eGFR if non-African American
 Calculated using the IDMS traceable version of the Modification of Diet in Renal Disease (MDRD) formula. Not to be used for medication dosing.
 eGFR for non-African American Female = (175 x ((ScrCl)^{-1.154} x ((AGEYRS)^{-0.203})) x 0.742

Interpretive Data

^1: Ferritin
 SUGGESTED: REF RANGES BELOW:
 IRON DEFICIENCY ADULT: (LESS THAN 20 ng/ml)
 MALE: (>15 YEARS) (30 - 400 ng/ml)

LAB LEGEND: m=Corrected, *=Abnormal, C=Critical, L=Low, H=High, f=Footnote

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Chemistry

Interpretive Data

^1: Ferritin
 FEMALE: (>15 YEARS) (13 - 150 ng/ml)
 PEDIATRIC:NEWBORN (25.0 - 200.0 ng/ml)
 PEDIATRIC:1 MONTH (200 - 600 ng/ml)
 PEDIATRIC:2 - 5 MONTHS (50.0 - 200.0 ng/ml)
 PEDIATRIC:6 MONTHS-15 YEARS (7 - 142.0 ng/ml)

^2: Glycohemoglobin
 Falsly low A1C results may occur in any condition with shortened red cell survival, such as anemia and hemolytic disease and also in some hemoglobinopathies, particularly HbS, HbC, and HbSC.

^3: Vitamin B12
 Deficient B12 Level: 32 - 246 pg/mL

Therapeutic Drug Monitoring

Collected Date: 1/8/2013 20:41 EST

Procedure	In Range	Out of Range	Units	Reference Range
Vitamin D,25 Hydroxy, Total	33.4 ^{^4}		ng/mL	[30.0-100.0]

Interpretive Data

^4: Vitamin D, 25 Hydroxy, Total
 The method employed is the Liaison 25 OH Vitamin D Total Assay, utilizing chemiluminescent technology.

A review of the literature suggests the following ranges for the classification of 25 OH Vitamin D status:

<u>Vitamin D status</u>	<u>25 OH Vitamin D</u>
Deficiency	<10 ng/ml
Insufficiency	10-30 ng/ml
Sufficiency	30-100 ng/ml
Toxicity	>100 ng/ml

Endocrinology

Collected Date: 1/8/2013 20:41 EST

Procedure	In Range	Out of Range	Units	Reference Range
Thyroid-Stimulating Hormone	1.220		mIU/mL	[0.360-3.740]
Thyroxine (T4),Free	0.89		ng/dL	[0.76-1.46]
Triiodothyronine (T3), Total		77.200 ^L	ng/dL	[80.000-200.000]

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Urinalysis

Macroscopic Urinalysis

Collected Date: 1/8/2013 20:41 EST

Procedure	In Range	Out of Range	Units	Reference Range
Color,Urine	Light-Yellow			[Yellow]
Appearance,Urine	Clear			[Clear]
Protein,Urine	Negative		mg/dL	[Negative]
Blood,Qualitative,Urine	Negative		mg/dL	[Negative]
Glucose,Qualitative,Urine	Negative		mg/dL	[Negative]
Ketones,Qualitative,Urine	Negative		mg/dL	[Negative]
pH,Urine	5.0			[4.5 -8.0]
Bilirubin,Qualitative,Urine	Negative		mg/dL	[Negative]
Specific Gravity,Urine	1.014			[1.010-1.030]
Urobilinogen,Urine	Normal		mg/dL	<4
Nitrite,Qualitative,Urine	Negative			[Negative]
Leukocyte Esterase,Urine		Trace	Leu/ul	[Negative]

Microscopic Urinalysis

Collected Date: 1/8/2013 20:41 EST

Procedure	In Range	Out of Range	Units	Reference Range
Red Blood Cells,Urine	<1		/HPF	[0-2]
White Blood Cells,Urine	<1		/HPF	[0-2]
Epithelial Cells,Squamous,Urine	1		/HPF	[0-2]

Immunology Tests

Serology

Collected Date: 1/8/2013 20:41 EST

Procedure	In Range	Out of Range	Units	Reference Range
Lyme Disease Antibody Screen		1.01 ^{H*}		[0.00-0.90]
Lyme Disease Antibody (IgG) Interp	Negative			[Negative]
18kD Antibody (IgG)	Nonreactive			
23kD Antibody (IgG)	Nonreactive			
28kD Antibody (IgG)	Nonreactive			
30kD Antibody (IgG)	Nonreactive			
39kD Antibody (IgG)	Nonreactive			

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Immunology Tests

Serology

Collected Date: 1/8/2013 20:41 EST

Procedure	In Range	Out of Range	Units	Reference Range
41kD Antibody (IgG)	Nonreactive			
45kD Antibody (IgG)	Nonreactive			
58kD Antibody (IgG)	Nonreactive			
66kD Antibody (IgG)	Nonreactive			
93kD Antibody (IgG)	Nonreactive ^{f3}			
23kD Antibody (IgM)	Nonreactive			
39kD Antibody (IgM)	Nonreactive			
41kD Antibody (IgM)	Nonreactive ^{f4}			
Lyme Disease Antibody (IgM) Interp	Negative			[Negative]

Result Comments

- f2: Lyme Disease Antibody Screen
 Interpretation: Equivocal
 Due to recommendations by the Food and Drug Administration (FDA), all positive or equivocal *Borrelia burgdorferi* antibody EIA (screening) tests will be followed by the Western blot. The screening test for *B. burgdorferi* has a low predictive value for a negative result when used to detect early infection and a low predictive value for a positive result when exposure history, symptoms, and clinical findings are not consistent with Lyme disease. Positive or equivocal results should not be interpreted as true positives until a second-step testing of the specimen is done using a method that is more specific for antibodies to *B. burgdorferi* (e.g. Western blot).
 Lab test performed by:
 Lab Mnemonic: 31D0696246
 Quest Diagnostics
 One Malcolm Avenue
 Teterboro, NJ 07608
 Janet Piscitelli, M.D.
- f3: 93kD Antibody (IgG)
 IgG Western Blots which have 5 (or more) of the 10 significant bands are considered positive for specific antibody to *B. burgdorferi*. (Proceedings of the 2nd Conf. on Lyme Disease, Dearborn, MI, 1994.)
 Lab test performed by:
 Lab Mnemonic: 31D0696246
 Quest Diagnostics
 One Malcolm Avenue
 Teterboro, NJ 07608
 Janet Piscitelli, M.D.

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Immunology Tests

Serology

Result Comments

f4: 41kD Antibody (IgM)
 IgM Western Blots which have 2 (or more) of the 3
 significant bands are considered positive for specific
 antibody to B. burgdorferi. (Proceeding of the 2nd Conf. on
 Lyme Disease, Dearborn, MI, 1994.)
 Lab test performed by:
 Lab Mnemonic: 31D0696246
 Quest Diagnostics
 One Malcolm Avenue
 Teterboro, NJ 07608
 Janet Piscitelli, M.D.

Bacteriology Cultures

PROCEDURE:	Culture Urine	COLLECTED:	1/8/2013 20:41 EST
SOURCE:	U Midst	STARTED:	1/8/2013 21:06 EST
BODY SITE:		ACCESSION:	01-MB-13-001415
FREE TEXT SOURCE:			

FINAL REPORTS

Final Report
 Verified Date/Time: 1/10/2013 09:49 EST
Less than 10,000 cfu/ml

LAB LEGEND: m=Corrected, *=Abnormal, C=Critical, L=Low, H=High, f=Footnote