



SPECIMEN INFORMATION	PATIENT INFORMATION	ORDERING PHYSICIAN			
SPECIMEN: <b>GJ841571</b>	<b>TULLY COSTA, EVELYN</b>	<b>A FTIHA, MD</b>			
REQUISITION: D8282907	DOB: 10/18/1960 AGE: 53	CLIENT INFORMATION 1200			
COLLECTED: 06/10/14	GENDER: M FASTING: YES	<b>Elie Fteha, MD</b> 14196			
RECEIVED: 06/11/14	ID: GJ841571	10 Plaza St.			
REPORTED: 06/19/14	PHONE: 917-579-1094	Brooklyn, NY 11238			
AMENDED:	TUBES: 1S;1L				
REPRINTED:					
Test Name	IN Range	OUT Range	LV*	Reference Range	Loc

**COMPREHENSIVE METABOLIC PANEL (AMA)**

<b>GLUCOSE</b>		<b>103</b>	<b>H</b>	70-100	MG/DL
SODIUM	139			135-148	MEQ/L
POTASSIUM	3.8			3.5-5.3	MEQ/L
CHLORIDE	103			98-109	MEQ/L
CARBON DIOXIDE	25			18-32	MEQ/L
UREA NITROGEN	16			7-25	MG/DL
<b>CREATININE WITH GFR</b>				0.4-1.4	MG/DL
CREATININE	0.78			>60	ml/min/1.73m2
GFR Calculation	104			>60	
GFR in African American	125			8.6-10.5	MG/DL
CALCIUM	9.5			6.4-8.9	G/DL
TOTAL PROTEIN	6.7			3.5-5.7	G/DL
ALBUMIN	4.3			1.8-3.8	G/DL
GLOBULIN	2.4			1.0-2.5	RATIO
A/G	1.8			30-132	U/L
ALKALINE PHOSPHATASE	75			5-39	U/L
AST (SGOT)	24			5-52	U/L
ALT (SGPT)	23			0.3-1.2	MG/DL
BILIRUBIN, TOTAL	0.5				

**VITAMIN B12/FOLATE**

VITAMIN B-12 [1]	454			211-911	PG/ML
FOLATE, SERUM	22.0			>5.4	NG/ML
URIC ACID	5.9			2.3-7.6	MG/DL
MAGNESIUM	1.9			1.5-2.5	mg/dl

**LIPID PANEL (AMA)**

<b>CHOLESTEROL</b>		<b>247</b>	<b>H</b>	<200	MG/DL
HDL CHOLESTEROL	52			>40	MG/DL
<b>LDL CHOLESTEROL, CALC [2,3]</b>		<b>178</b>	<b>H</b>	<130	MG/DL
VLDL	17			<30	MG/DL
TRIGLYCERIDES	85			<150	MG/DL
CHOLESTEROL/HDL RATIO	4.8			<5.0	

**THYROID ANTIBODY GROUP**

ANTI-THYROGLOBULIN AB	<20			0-40	IU/ml
THYROPEROXIDASE AB (TPO)	15			0-35	IU/ml
TSH, ULTRASENSITIVE [4]	1.500			0.270-4.200	uIU/ml
FREE T-4	1.19			0.93-1.70	NG/DL
T3, Reverse [5]	10.6			9.0-27.0	ng/dL

INTERPRETIVE INFORMATION: Triiodothyronine, Reverse - LC-MS/MS

Test developed and characteristics determined by ARUP

*plw pt  
- Diet + exc  
- Refus med*

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REQUISITION:	D8282907	DOB:	10/18/1960	AGE:	53	CLIENT INFORMATION 1200
COLLECTED:	06/10/14	GENDER:	M	FASTING:	YES	<b>Elie Fteha, MD</b> 14196
	<b>Test Name</b>	<b>IN Range</b>	<b>OUT Range</b>	<b>LV*</b>	<b>Reference Range</b>	<b>Loc</b>

Laboratories. See Compliance Statement B: aruplab.com/CS

**CBC/PLT/DIFF**

**COMPLETE BLOOD COUNT**

WBC	5.0	3.6-11.0	THDS/CMM
RBC	4.40	4.40-6.10	MILL/CMM
HEMOGLOBIN	13.4	13.0-18.0	G/DL
HEMATOCRIT	40.1	39-52	%
MCV	91	75-100	fL
MCH	30.5	26.0-32.0	pg
MCHC	33.4	32.0-35.0	g/dl
RDW	14.1	11.2-14.8	%
PLATELET COUNT	228	140-440	THOUS/CMM

**DIFFERENTIAL**

POLYS	48.8	45-75	%
LYMPHS	35.8	20-45	%
MONOS	10.4	0-13	%
EOS	4.2	0-5	%
BASOS	0.8	0-2	%
IMMATURE GRANULOCYTES	0.0	0-2	%
ABSOLUTE NEUTROPHILS	2.44	1.9-8.0	K/uL
ABSOLUTE LYMPHS	1.79	0.9-5.2	K/uL
ABSOLUTE MONOS	0.52	0.1-1.0	K/uL
ABSOLUTE EOS	0.21	0.0-0.80	K/uL
ABSOLUTE BASO	0.04	0.0-0.2	K/uL
ABSOLUTE IMMATURE GRANULOCYTES	0.00	0.00-0.06	K/uL

ESR, WESTERGREN 10 0-20 MM/HR

25-hydroxy Vitamin D [6] 34.3 30-100 ng/mL

C-REACTIVE PROTEIN 0.2 <0.5 mg/dL

RHEUMATOID FACTOR 8 <14 IU/mL

**LYME IgG/IgM reflex to Immunoblot [7]**  
 LYME, IgG/IgM 0.05 <0.90 INDEX

CORTISOL [8] 11.3 MCG/DL  
 AM CORTISOL NORMALS = 5-25 ug/dl  
 PM Values are approximately half the AM Value.

COLLECTION TIME [8] UNK

ANTINUCLEAR ANTIBODIES NEGATIVE NEGATIVE

**ABNORMAL SUMMARY**

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ACQUISITION:	D8282907	DOB:	10/18/1960	AGE:	53	CLIENT INFORMATION
COLLECTED:	06/10/14	GENDER:	M	FASTING:	YES	<b>1200</b>
	<b>Test Name</b>	<b>IN Range</b>	<b>OUT Range</b>	<b>LV*</b>	<b>Reference Range</b>	<b>Loc</b>
	GLUCOSE		103	H	70-100 MG/DL	
	CHOLESTEROL		247	H	<200 MG/DL	
	LDL CHOLESTEROL, CALC		178	H	<130 MG/DL	

**Footnotes**

- [1] It has been reported that between 5 and 10% of patients with values between 200 and 400 pg/ml may experience neuropsychiatric and hematologic abnormalities due to occult B12 deficiency. Less than 1% of patients with values above 400 pg/ml will have symptoms.
  
- [2] Direct LDL is recommended for patients with triglycerides >400.
  
- [3] ADULT LDL CHOLESTEROL CLASSIFICATION  
  
  - <100mg/dl \_\_\_\_\_ Optimal
  - 100-129 \_\_\_\_\_ Near/Above Optimal
  - 130-159mg/dl \_\_\_\_\_ Borderline High
  - >160mg/dl \_\_\_\_\_ High Risk

Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.
  
- [4] Reference ranges up to age 20 changed as of 2/10/2014.
  
- [5] Test Performed By:  
  - ARUP Laboratories
  - 500 Chipeta Way
  - Salt Lake City, UT 84108-1221
  - 1-800-242-2787
  - CLIA No: 46D0523979
  
- [6] \*\*VITAMIN D INTERPRETATION\*\*  
  - Deficiency <10 ng/ml
  - Insufficiency 10-30 ng/ml
  - Sufficiency 30-100 ng/ml
  - Toxic >100 ng/ml
  
- [7] If Lyme IgG/IgM is elevated, Lyme Immunoblot IgG and IgM will automatically be performed at additional cost to the patient.
  
- [8] Ranges have been adjusted effective 01/27/2014

\* Last occurrences of result(s) are displayed as a comparison of the previous and current result(s) only within the last 18 Months. It is recommended that you refer to the complete report from the previous occurrence of result, prior to making any clinical decision(s).

\*\*\* END OF REPORT - FINAL \*\*\*