

QUEST DIAGNOSTICS INCORPORATED
CLIENT SERVICE 866.697.8378

SPECIMEN INFORMATION
SPECIMEN: BN333809
REQUISITION:

COLLECTED: 08/08/2017 10:50
RECEIVED: 08/08/2017 22:23
REPORTED: 08/10/2017 12:46

PATIENT INFORMATION
TULLY COSTA, EVELYN
DOB: 10/18/1960 AGE: 56
GENDER: F

PHONE: 17.579.1094

REPORT STATUS **FINAL**

ORDERING PHYSICIAN
FTEHA, ALBER

CLIENT INFORMATION
T14652 12240760
ALBERT FTEHA, MD
ELIE FTEHA, MD
10 PLAZA STREET
BROOKLYN, NY 11238

Test Name	In Range	Out of Range	Reference Range	Lab
COMP METAB PANEL				TBR
GLUCOSE	118		65-139 mg/dL	
The glucose reference range is based on a non-fasting state.				
SODIUM	140		135-146 mmol/L	
POTASSIUM	3.9		3.5-5.3 mmol/L	
CHLORIDE	105		98-110 mmol/L	
CARBON DIOXIDE	21		20-31 mmol/L	
UREA NITROGEN	20		7-25 mg/dL	
CREATININE	0.87		0.50-1.05 mg/dL	
The upper reference limit for Creatinine is approximately 13% higher for people identified as African-American.				
BUN/CREATININE RATIO	NOTE		6-22 (calc)	
Bun/Creatinine ratio is not reported when the Bun and Creatinine values are within normal limits.				
CALCIUM	9.5		8.6-10.4 mg/dL	
PROTEIN, TOTAL	7.5		6.1-8.1 g/dL	
ALBUMIN	4.6		3.6-5.1 g/dL	
GLOBULIN	2.9		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.6		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.4		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	86		33-130 U/L	
AST	25		10-35 U/L	
ALT	22		6-29 U/L	
EGFR NON AFR AMERICAN	74		>=60 mL/min/1.73m2	
EGFR AFRICAN AMERICAN	86		>=60 mL/min/1.73m2	

LIPID PANEL

CHOLESTEROL, TOTAL	240	H	125-200 mg/dL	TBR
HDL CHOLESTEROL	49		>=46 mg/dL	
CHOLESTEROL/HDL RATIO	4.9		<= 5.0	
LDL CHOL, CALCULATED	161	H	<130 mg/dL	
See footnote 1				
TRIGLYCERIDES	152	H	<150 mg/dL	
NON HDL CHOLESTEROL	191	H	mg/dL	
See footnote 2				

Handwritten signatures and notes:
 Tully Costa
 Albert Fteha
 Elie Fteha
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Continued on Page 2

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TSH	1.94		0.40-4.50 mIU/L	TBR
T4, FREE	1.3		0.8-1.8 ng/dL	TBR
T3, TOTAL	93		76-181 ng/dL	TBR
CBC (INCLUDES DIFF/PLT)				TBR
WBC	5.2		3.8-10.8 Thous/mcL	
RBC	4.71		3.80-5.10 Mill/mcL	
HEMOGLOBIN	13.9		11.7-15.5 g/dL	
HEMATOCRIT	42.8		35.0-45.0 %	
MCV	91.0		80.0-100.0 fL	
MCH	29.6		27.0-33.0 pg	
MCHC	32.6		32.0-36.0 g/dL	
RDW	14.5		11.0-15.0 %	
PLATELET COUNT	243		140-400 Thous/mcL	
MPV	8.6		7.5-12.5 fL	
TOTAL NEUTROPHILS, %	55.2		38-80 %	
TOTAL LYMPHOCYTES, %	35.3		15-49 %	
MONOCYTES, %	7.0		0-13 %	
EOSINOPHILS, %	2.1		0-8 %	
BASOPHILS, %	0.4		0-2 %	
NEUTROPHILS, ABSOLUTE	2870		1500-7800 Cells/mcL	
LYMPHOCYTES, ABSOLUTE	1836		850-3900 Cells/mcL	
MONOCYTES, ABSOLUTE	364		200-950 Cells/mcL	
EOSINOPHILS, ABSOLUTE	109		15-500 Cells/mcL	
BASOPHILS, ABSOLUTE	21		0-200 Cells/mcL	
DIFFERENTIAL				

An instrument differential was performed.

VITAMIN B12	325		200-1100 pg/mL	TBR
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Please note: although the reference range for Vitamin B12 is 200-1100 pg/mL, 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.



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Test Name	In Range	Out of Range	Reference Range	Lab
FOLATE, SERUM	14.8		> 5.4 ng/mL	TBR
HEMOGLOBIN A1C		6.0 H	<5.7 % of total Hgb	TBR

For someone without known diabetes, a hemoglobin A1c value between 5.7% and 6.4% is consistent with prediabetes and should be confirmed with a follow-up test.

For someone with known diabetes, a value <7% indicates that their diabetes is well controlled. A1c targets should be individualized based on duration of diabetes, age, co-morbid conditions and other considerations.

This assay result is consistent with an increased risk of diabetes.

Currently, no consensus exists for use of hemoglobin A1c for diagnosis of diabetes for children.

VITAMIN D, 25-OH, TOTAL, IA	33		30-100 ng/mL	TBR
Vitamin D Status	25-OH Vitamin D:			
Deficiency:		<20 ng/mL		
Insufficiency:	20	29 ng/mL		
Optimal:	> or =	30 ng/mL		

For 25-OH Vitamin D testing on patients on D2-supplementation and patients for whom quantitation of D2 and D3 fractions is required, the QuestAssureD(TM) 25-OH VIT D, (D2,D3), LC/MS/MS is recommended: order code 92888X (patients >2yrs).

For more information on this test, go to:
<http://education.questdiagnostics.com/faq/FAQ163>



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FOOTNOTE(S):

- 1 Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.
- 2 Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.

PERFORMING LABORATORY INFORMATION:

TBR Quest Diagnostics One Malcolm Avenue Teterboro NJ 07608 Laboratory Director: Lawrence Tsao, M.D.
CLIA No: 31D0696246

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