

HANCOCK, TENISHA

DOB: 04/21/1978
Sex: F
Phone: (203) 953-6199
Patient ID: 45474591

Age: 46
Fasting:

Specimen: AZ466262H
Requisition: 0002706
Report Status: FINAL / SEE REPORT

Collected: 06/11/2024 09:14
Received: 06/11/2024 09:15
Reported: 06/12/2024 07:28

Client #: 10485914
JETHA, TULSI
HUMANIZING MEDICINE
135 MAPLE ST BLDG A
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Phone: (470) 891-8140
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▲ **LIPID PANEL, STANDARD**

Analyte	Value	
▲ CHOLESTEROL, TOTAL	259 H	Reference Range: <200 mg/dL
HDL CHOLESTEROL	72	Reference Range: > OR = 50 mg/dL
TRIGLYCERIDES	56	Reference Range: <150 mg/dL
▲ LDL-CHOLESTEROL	171 H	mg/dL (calc)
Reference range: <100		
Desirable range <100 mg/dL for primary prevention; <70 mg/dL for patients with CHD or diabetic patients with > or = 2 CHD risk factors.		
LDL-C is now calculated using the Martin-Hopkins calculation, which is a validated novel method providing better accuracy than the Friedewald equation in the estimation of LDL-C. Martin SS et al. JAMA. 2013;310(19): 2061-2068 (http://education.QuestDiagnostics.com/faq/FAQ164)		
CHOL/HDL-C RATIO	3.6	Reference Range: <5.0 (calc)
▲ NON HDL CHOLESTEROL	187 H	Reference Range: <130 mg/dL (calc)
For patients with diabetes plus 1 major ASCVD risk factor, treating to a non-HDL-C goal of <100 mg/dL (LDL-C of <70 mg/dL) is considered a therapeutic option.		

▲ **COMPREHENSIVE METABOLIC PANEL**

Analyte	Value	
GLUCOSE	82	Reference Range: 65-99 mg/dL
Fasting reference interval		
UREA NITROGEN (BUN)	9	Reference Range: 7-25 mg/dL
CREATININE	0.63	Reference Range: 0.50-0.99 mg/dL
EGFR	111	Reference Range: > OR = 60 mL/min/1.73m2
BUN/CREATININE RATIO	SEE NOTE:	Reference Range: 6-22 (calc)
Not Reported: BUN and Creatinine are within reference range.		
SODIUM	136	Reference Range: 135-146 mmol/L
POTASSIUM	4.4	Reference Range: 3.5-5.3 mmol/L
CHLORIDE	104	Reference Range: 98-110 mmol/L
CARBON DIOXIDE	23	Reference Range: 20-32 mmol/L
CALCIUM	9.3	Reference Range: 8.6-10.2 mg/dL
PROTEIN, TOTAL	6.9	Reference Range: 6.1-8.1 g/dL
ALBUMIN	4.2	Reference Range: 3.6-5.1 g/dL

GLOBULIN	2.7	Reference Range: 1.9-3.7 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	1.6	Reference Range: 1.0-2.5 (calc)
BILIRUBIN, TOTAL	0.4	Reference Range: 0.2-1.2 mg/dL
ALKALINE PHOSPHATASE	65	Reference Range: 31-125 U/L
AST	23	Reference Range: 10-35 U/L
▲ ALT	30 H	Reference Range: 6-29 U/L

▲ URINALYSIS, COMPLETE

Analyte	Value	
COLOR	YELLOW	Reference Range: YELLOW
APPEARANCE	CLEAR	Reference Range: CLEAR
SPECIFIC GRAVITY	1.022	Reference Range: 1.001-1.035
PH	5.5	Reference Range: 5.0-8.0
GLUCOSE	NEGATIVE	Reference Range: NEGATIVE
BILIRUBIN	NEGATIVE	Reference Range: NEGATIVE
KETONES	NEGATIVE	Reference Range: NEGATIVE
OCCULT BLOOD	NEGATIVE	Reference Range: NEGATIVE
PROTEIN	NEGATIVE	Reference Range: NEGATIVE
NITRITE	NEGATIVE	Reference Range: NEGATIVE
LEUKOCYTE ESTERASE	NEGATIVE	Reference Range: NEGATIVE
WBC	0-5	Reference Range: < OR = 5 /HPF
RBC	NONE SEEN	Reference Range: < OR = 2 /HPF
▲ SQUAMOUS EPITHELIAL CELLS	10-20	Reference Range: < OR = 5 /HPF
▲ BACTERIA	FEW	Reference Range: NONE SEEN /HPF
HYALINE CAST	NONE SEEN	Reference Range: NONE SEEN /LPF

NOTE

This urine was analyzed for the presence of WBC, RBC, bacteria, casts, and other formed elements. Only those elements seen were reported.

▲ CBC (INCLUDES DIFF/PLT)

Analyte	Value	
WHITE BLOOD CELL COUNT	4.0	Reference Range: 3.8-10.8 Thousand/uL
▲ RED BLOOD CELL COUNT	3.65 L	Reference Range: 3.80-5.10 Million/uL
HEMOGLOBIN	12.3	Reference Range: 11.7-15.5 g/dL
HEMATOCRIT	37.1	Reference Range: 35.0-45.0 %
▲ MCV	101.6 H	Reference Range: 80.0-100.0 fL
▲ MCH	33.7 H	Reference Range: 27.0-33.0 pg
MCHC	33.2	Reference Range: 32.0-36.0 g/dL
RDW	11.6	Reference Range: 11.0-15.0 %

PLATELET COUNT	275	Reference Range: 140-400 Thousand/uL
MPV	8.8	Reference Range: 7.5-12.5 fL
ABSOLUTE NEUTROPHILS	1852	Reference Range: 1500-7800 cells/uL
ABSOLUTE LYMPHOCYTES	1668	Reference Range: 850-3900 cells/uL
ABSOLUTE MONOCYTES	416	Reference Range: 200-950 cells/uL
ABSOLUTE EOSINOPHILS	32	Reference Range: 15-500 cells/uL
ABSOLUTE BASOPHILS	32	Reference Range: 0-200 cells/uL
NEUTROPHILS	46.3	%
LYMPHOCYTES	41.7	%
MONOCYTES	10.4	%
EOSINOPHILS	0.8	%
BASOPHILS	0.8	%

HEMOGLOBIN A1c

Analyte	Value
HEMOGLOBIN A1c	5.2 Reference Range: <5.7 % of total Hgb
For the purpose of screening for the presence of diabetes:	
<5.7% Consistent with the absence of diabetes 5.7-6.4% Consistent with increased risk for diabetes (prediabetes) > or =6.5% Consistent with diabetes	
This assay result is consistent with a decreased risk of diabetes.	
Currently, no consensus exists regarding use of hemoglobin A1c for diagnosis of diabetes in children.	
According to American Diabetes Association (ADA) guidelines, hemoglobin A1c <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes(ADA).	

COMMENT

This test was performed on the Roche cobas c503 platform. Effective 8/28/23, a change in test platforms from the Abbott Architect to the Roche cobas c503 may have shifted HbA1c results compared to historical results. Based on laboratory validation testing conducted at Quest, the Roche platform relative to the Abbott platform had an average increase in HbA1c value of < or = 0.3%. This difference is within accepted variability established by the National Glycohemoglobin Standardization Program. Note that not all individuals will have had a shift in their results and direct comparisons between historical and current results for testing conducted on different platforms is not recommended.

T4, FREE

Analyte	Value
T4, FREE	1.1 Reference Range: 0.8-1.8 ng/dL

TSH

Analyte	Value
TSH	1.80 mIU/L
Reference Range	
> or = 20 Years 0.40-4.50	
Pregnancy Ranges	
First trimester	0.26-2.66
Second trimester	0.55-2.73
Third trimester	0.43-2.91

Performing Sites

AT Quest Diagnostics-Atlanta, 1777 Montreal Circle, Tucker, GA 30084-6802 Laboratory Director: Dr Andrew N Young

Key

 Priority Out of Range  Out of Range

These results have been sent to the person who ordered the tests. Your receipt of these results should not be viewed as medical advice and is not meant to replace discussion with your doctor or other healthcare professional.

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