

Patient Information	Specimen Information	Client Information
HANCOCK, TENISHA DOB: 04/21/1978 AGE: 43 Gender: F Phone: NG Patient ID: 1921649	Specimen: AL020824G Requisition: 9713387 Lab Ref #: 770555 Collected: 07/13/2021 / 12:41 EDT Received: 07/21/2021 / 06:56 EDT Reported: 07/24/2021 / 15:21 EDT	Client #: 10485914 QATL000 DAVIS, CHENEY HUMANIZING MEDICINE 135 MAPLE ST BLDG A DECATUR, GA 30030-3953

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL		213 H	<200 mg/dL	AT
HDL CHOLESTEROL	70		> OR = 50 mg/dL	AT
TRIGLYCERIDES	65		<150 mg/dL	AT
LDL-CHOLESTEROL		127 H	mg/dL (calc)	AT
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	3.0		<5.0 (calc)	AT
NON HDL CHOLESTEROL		143 H	<130 mg/dL (calc)	AT
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				AT
GLUCOSE	75		65-99 mg/dL	
Fasting reference interval				
UREA NITROGEN (BUN)	10		7-25 mg/dL	
CREATININE	0.63		0.50-1.10 mg/dL	
eGFR NON-AFR. AMERICAN	110		> OR = 60 mL/min/1.73m ²	
eGFR AFRICAN AMERICAN	127		> OR = 60 mL/min/1.73m ²	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	136		135-146 mmol/L	
POTASSIUM	4.0		3.5-5.3 mmol/L	
CHLORIDE	102		98-110 mmol/L	
CARBON DIOXIDE	23		20-32 mmol/L	
CALCIUM	9.3		8.6-10.2 mg/dL	
PROTEIN, TOTAL	7.2		6.1-8.1 g/dL	
ALBUMIN	4.1		3.6-5.1 g/dL	
GLOBULIN	3.1		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.3		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.5		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	50		31-125 U/L	
AST	15		10-30 U/L	
ALT	11		6-29 U/L	
HEMOGLOBIN A1c	4.6		<5.7 % of total Hgb	AT
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				

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Test Name	In Range	Out Of Range	Reference Range	Lab
(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).				
TSH	1.31		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	AT
T4 (THYROXINE), TOTAL	11.1		5.1-11.9 mcg/dL	AT
T4, FREE	1.3		0.8-1.8 ng/dL	AT
T3, FREE	2.8		2.3-4.2 pg/mL	AT
T3 REVERSE, LC/MS/MS	22		8-25 ng/dL	AMD
This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.				
THYROGLOBULIN ANTIBODIES	<1		< or = 1 IU/mL	AT
THYROID PEROXIDASE ANTIBODIES	<1		<9 IU/mL	AT
SED RATE BY MODIFIED WESTERGREN	2		< OR = 20 mm/h	AT
CBC (INCLUDES DIFF/PLT)				AT
WHITE BLOOD CELL COUNT	5.1		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	3.96		3.80-5.10 Million/uL	
HEMOGLOBIN	13.5		11.7-15.5 g/dL	
HEMATOCRIT	40.4		35.0-45.0 %	
MCV		102.0 H	80.0-100.0 fL	
MCH		34.1 H	27.0-33.0 pg	
MCHC	33.4		32.0-36.0 g/dL	
RDW		10.8 L	11.0-15.0 %	
PLATELET COUNT	240		140-400 Thousand/uL	
MPV	9.5		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	3254		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1566		850-3900 cells/uL	
ABSOLUTE MONOCYTES	260		200-950 cells/uL	

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Test Name	In Range	Out Of Range	Reference Range	Lab
ABSOLUTE EOSINOPHILS		10 L	15-500 cells/uL	
ABSOLUTE BASOPHILS	10		0-200 cells/uL	
NEUTROPHILS	63.8		%	
LYMPHOCYTES	30.7		%	
MONOCYTES	5.1		%	
EOSINOPHILS	0.2		%	
BASOPHILS	0.2		%	

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Endocrinology

Test Name	Result	Reference Range	Lab
VITAMIN D, 1,25 DIHYDROXY			AMD
VITAMIN D, 1,25 (OH)2, TOTAL	41	18-72 pg/mL	
VITAMIN D3, 1,25 (OH)2	41	pg/mL	
VITAMIN D2, 1,25 (OH)2	<8	pg/mL	

Vitamin D3, 1,25(OH)2 indicates both endogenous production and supplementation. Vitamin D2, 1,25(OH)2 is an indicator of exogenous sources, such as diet or supplementation. Interpretation and therapy are based on measurement of Vitamin D,1,25(OH)2, Total.

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Physician Comments:

PERFORMING SITE:

AMD QUEST DIAGNOSTICS/NICHOLS CHANTILLY, 14225 NEWBROOK DRIVE, CHANTILLY, VA 20151-2228 Laboratory Director: PATRICK W. MASON,MD,PHD, CLIA: 49D0221801
AT QUEST DIAGNOSTICS-ATLANTA, 1777 MONTREAL CIRCLE, TUCKER, GA 30084-6802 Laboratory Director: ANDREW N YOUNG,MD,PHD, CLIA: 11D0255931

LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

CHOLESTEROL, TOTAL	213 H	<200 mg/dL	AT
LDL-CHOLESTEROL	127 H	mg/dL (calc)	AT
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.			
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MCV	102.0 H	80.0-100.0 fL	AT
MCH	34.1 H	27.0-33.0 pg	AT
RDW	10.8 L	11.0-15.0 %	AT
ABSOLUTE EOSINOPHILS	10 L	15-500 cells/uL	AT