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Analyte	Value	
CHOLESTEROL, TOTAL	119	Reference Range: <170 mg/dL
▲ HDL CHOLESTEROL	34 L	Reference Range: >45 mg/dL
TRIGLYCERIDES	82	Reference Range: <90 mg/dL
LDL-CHOLESTEROL	69	Reference Range: <110 mg/dL (calc)
<p>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)</p>		
CHOL/HDLC RATIO	3.5	Reference Range: <5.0 (calc)
NON HDL CHOLESTEROL	85	Reference Range: <120 mg/dL (calc)
<p>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.</p>		

COMPREHENSIVE METABOLIC PANEL

Analyte	Value	
GLUCOSE Fasting reference interval	90	Reference Range: 65-99 mg/dL
UREA NITROGEN (BUN)	12	Reference Range: 7-20 mg/dL
CREATININE	1.20	Reference Range: 0.60-1.24 mg/dL
EGFR	89	Reference Range: > OR = 60 mL/min/1.73m ²
BUN/CREATININE RATIO Not Reported: BUN and Creatinine are within reference range.	SEE NOTE:	Reference Range: 6-22 (calc)
SODIUM	139	Reference Range: 135-146 mmol/L
POTASSIUM	3.9	Reference Range: 3.8-5.1 mmol/L
CHLORIDE	102	Reference Range: 98-110 mmol/L
CARBON DIOXIDE	22	Reference Range: 20-32 mmol/L
CALCIUM	9.7	Reference Range: 8.9-10.4 mg/dL
PROTEIN, TOTAL	7.2	Reference Range: 6.3-8.2 g/dL
ALBUMIN	4.5	Reference Range: 3.6-5.1 g/dL
GLOBULIN	2.7	Reference Range: 2.1-3.5 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	1.7	Reference Range: 1.0-2.5 (calc)
BILIRUBIN, TOTAL	0.5	Reference Range: 0.2-1.1 mg/dL



ALKALINE PHOSPHATASE	80	Reference Range: 46-169 U/L
AST	17	Reference Range: 12-32 U/L
ALT	11	Reference Range: 8-46 U/L

GGT

Analyte	Value	
GGT	11	Reference Range: 9-31 U/L

LIPOPROTEIN (a)

Analyte	Value	
LIPOPROTEIN (a)	34	Reference Range: <75 nmol/L
Risk Category		
Optimal	< 75 nmol/L	
Moderate	75 - 125 nmol/L	
High	> 125 nmol/L	

Cardiovascular event risk category cut points (optimal, moderate, high) are based on Tsimika S. JACC 2017;69:692-711.

T3 REVERSE, LC/MS/MS

Analyte	Value	
T3 REVERSE, LC/MS/MS	17	Reference Range: 8-25 ng/dL
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.		

HS CRP

Analyte	Value	
HS CRP	0.4	mg/L
Reference Range		
Optimal <1.0		
Jellinger PS et al. Endocr Pract.2017;23(Suppl 2):1-87.		
For ages >17 Years:		
hs-CRP mg/L	Risk According to AHA/CDC Guidelines	
<1.0	Lower relative cardiovascular risk.	
1.0-3.0	Average relative cardiovascular risk.	
3.1-10.0	Higher relative cardiovascular risk.	
	Consider retesting in 1 to 2 weeks to exclude a benign transient elevation in the baseline CRP value secondary to infection or inflammation.	
>10.0	Persistent elevation, upon retesting, may be associated with infection and inflammation.	

Pearson TA, Mensah GA, Alexander RW, et al. Markers of inflammation and cardiovascular disease: application to clinical and public health practice: A statement for healthcare professionals from the Centers for Disease Control and Prevention and the American Heart Association. Circulation 2003; 107(3): 499-511.



CYSTATIN C WITH eGFR

Analyte	Value	
CYSTATIN C	0.90	Reference Range: 0.52-1.35 mg/L
eGFR	105	Reference Range: > OR = 60 mL/min/1.73m2

T4, FREE

Analyte	Value	
T4, FREE	1.3	Reference Range: 0.8-1.4 ng/dL

TSH

Analyte	Value	
TSH	2.07	Reference Range: 0.50-4.30 mIU/L

T3, FREE



Analyte	Value	
T3, FREE	4.5	Reference Range: 3.0-4.7 pg/mL

Performing Sites

AMD Quest Diagnostics/Nichols Chantilly-Chantilly VA, 14225 Newbrook Dr, Chantilly, VA 20151-2228 Laboratory Director: Patrick W Mason M.D.,PhD

NL1 Quest Diagnostics LLC-Quest Diagnostics LLC, 200 Forest St, Marlborough, MA 01752-3023 Laboratory Director: Salim E Kabawat M.D.

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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