

Patient Information	Specimen Information	Client Information
WARNER, MALCOLM	Specimen: AZ129960B Requisition: 0001306	Client #: 10485914 QATL000 HANCOCK, MARK
DOB: 08/18/1970 AGE: 51 Gender: M Fasting: Y Phone: 818.968.4044 Patient ID: 1921648 Health ID: 8573027684657227	Lab Ref #: 1058773  Collected: 07/27/2022 / 08:27 EDT Received: 07/28/2022 / 09:24 EDT Reported: 08/03/2022 / 14:11 EDT	HUMANIZING MEDICINE 135 MAPLE ST BLDG A DECATUR, GA 30030-3953

3201111 127 30 70 32 70 3 130 722 7				
COMMENTS: FASTING: YES	-		<u>'</u>	
Test Name HS CRP Reference Range Optimal <1.0 Jellinger PS et al. End	<pre>In Range &lt;0.3 locr Pract.2017;23</pre>	Out Of Range (Suppl 2):1-87.	Reference Range	<b>Lab</b> AT
1.0-3.0 Average re 3.1-10.0 Higher rel Consider rexclude a in the bas to infecti >10.0 Persistent	tive cardiovascul elative cardiovascul ative cardiovascul etesting in 1 to benign transient eline CRP value so on or inflammation elevation, upon sociated with infe	ar risk. rular risk. lar risk. 2 weeks to elevation econdary n. retesting,		
COMPREHENSIVE METABOLIC				AT
PANEL GLUCOSE	81		65-99 mg/dL	
GLOCODE	01	Fa	sting reference interval	
UREA NITROGEN (BUN) CREATININE EGFR The eGFR is based on th		quation. To calc	7-25 mg/dL 0.70-1.30 mg/dL > OR = 60 mL/min/1.73m2	
the new eGFR from a pre result, go to https://w kdoqi/gfr%5Fcalculator				
BUN/CREATININE RATIO SODIUM POTASSIUM	NOT APPLICATION AP	ABLE	6-22 (calc) 135-146 mmol/L 3.5-5.3 mmol/L	
CHLORIDE CARBON DIOXIDE CALCIUM	105 29 9.7		98-110 mmol/L 20-32 mmol/L 8.6-10.3 mg/dL	
PROTEIN, TOTAL ALBUMIN GLOBULIN ALBUMIN/GLOBULIN RATIO	6.6 4.5 2.1 2.1		6.1-8.1 g/dL 3.6-5.1 g/dL 1.9-3.7 g/dL (calc) 1.0-2.5 (calc)	
BILIRUBIN, TOTAL ALKALINE PHOSPHATASE	1.2 42		1.0-2.5 (Calc) 0.2-1.2 mg/dL 35-144 U/L	

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)

AST ALT

HEMOGLOBIN Alc

AT

10-35 U/L

<5.7 % of total Hgb

9-46 U/L

SPECIMEN: AZ129960B

17

16

5.4



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WARITER, MADEODINI	Collected: 07/27/2022 / 08:27 EDT	HANCOCK, MARK
DOB: 08/18/1970 AGE: 51	Received: 07/28/2022 / 09:24 EDT	
Gender: M Fasting: Y	Reported: 08/03/2022 / 14:11 EDT	
Patient ID: 1921648		
Health ID: 8573027684657227		

Test Name In Range Out Of Range Reference Range Lab

> 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 Alc for diagnosis of diabetes in children.

According to American Diabetes Association (ADA) guidelines, hemoglobin Alc <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	0.90		0.40-4.50 mIU/L	AT
T4, FREE	0.9		0.8-1.8  ng/dL	ΑT
CBC (INCLUDES DIFF/PLT)				AT
WHITE BLOOD CELL COUNT	4.8		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	5.40		4.20-5.80 Million/uL	
HEMOGLOBIN	14.5		13.2-17.1 g/dL	
HEMATOCRIT	42.1		38.5-50.0 %	
MCV		78.0 L	80.0-100.0 fL	
MCH		26.9 L	27.0-33.0 pg	
MCHC	34.4		32.0-36.0 g/dL	
RDW	14.7		11.0-15.0 %	
PLATELET COUNT		110 L	140-400 Thousand/uL	
MPV	12.3		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	2678		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1536		850-3900 cells/uL	
ABSOLUTE MONOCYTES	331		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	202		15-500 cells/uL	
ABSOLUTE BASOPHILS	53		0-200 cells/uL	
NEUTROPHILS	55.8		90 90	
LYMPHOCYTES	32.0		%	
MONOCYTES	6.9		%	
EOSINOPHILS	4.2		% %	
BASOPHILS	1.1		%	
CORTISOL, TOTAL	9.6		mcg/dL	AT
Reference Range: For 8 a.m.(7	7-9 a.m.) Spe	cimen: 4.0-22.0		

Reference Range: For 8 a.m.(7-9 a.m.) Specimen: 4.0-22.0 Reference Range: For 4 p.m.(3-5 p.m.) Specimen: 3.0-17.0

INSULIN 3.0 uIU/mL AT

Reference Range < or = 19.6

Risk:

Optimal < or = 19.6

Moderate NA High >19.6

Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on Quest Diagnostics population data from 12/2011.

This insulin assay shows strong cross-reactivity for

<sup>\*</sup> Please interpret above results accordingly \*



ΑT

< OR = 4.00 ng/mL



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DOB: 08/18/1970 AGE: 51	Received: 07/28/2022 / 09:24 EDT	
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Patient ID: 1921648		
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Test Name In Range Out Of Range Reference Range Lab some insulin analogs (lispro, aspart, and glargine) and much lower cross-reactivity with others (detemir,

glulisine).

PSA, TOTAL 1.49

The total PSA value from this assay system is standardized against the WHO standard. The test result will be approximately 20% lower when compared to the equimolar-standardized total PSA (Beckman Coulter). Comparison of serial PSA results should be interpreted with this fact in mind.

This test was performed using the Siemens chemiluminescent method. Values obtained from different assay methods cannot be used interchangeably. PSA levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.

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WARITER, MADCOLM	Collected: 07/27/2022 / 08:27 EDT	HANCOCK, MARK
DOB: 08/18/1970 AGE: 51	Received: 07/28/2022 / 09:24 EDT	
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## **Endocrinology**

Test Name	Result	Reference Range	Lab
VITAMIN D, 1,25 DIHYDROXY			AMD
VITAMIN D, 1,25 (OH)2, TOTAL	37	18-72 pg/mL	
VITAMIN D3, 1,25 (OH)2	37	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.

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 FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Physician Comments:

### **Immunology**

Test Name	Result	Reference Range	Lab
ANA SCREEN, IFA, W/REFL TITER AND PATTERN			AT
ANA SCREEN, IFA	NEGATIVE	NEGATIVE	

ANA IFA is a first line screen for detecting the presence of up to approximately 150 autoantibodies in various autoimmune diseases. A negative ANA IFA result suggests an ANA-associated autoimmune disease is not present at this time, but is not definitive. If there is high clinical suspicion for Sjogren's syndrome, testing for anti-SS-A/Ro antibody should be considered. Anti-Jo-1 antibody should be considered for clinically suspected inflammatory myopathies.

## AC-0: Negative

International Consensus on ANA Patterns (https://doi.org/10.1515/cclm-2018-0052)

For additional information, please refer to http://education.QuestDiagnostics.com/faq/FAQ177 (This link is being provided for informational/educational purposes only.)

Physician Comments:

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			Cardio IQ	<b>)</b> ®			
	Current Risk/Reference Interval				Historical		
Test Name		t & Risk	Optimal	Moderate	High	Units	Result & Risk
	Optimal	Non-Optimal					
LIPID PANEL W/ TRIGLYC	ERIDES/HD	L-C					
CHOLESTEROL, TOTAL		208	<200	N/A	>=200	mg/dL	
HDL CHOLESTEROL	66		>=40	N/A	<40	mg/dL	
TRIGLYCERIDES	52		<150	150-199	>=200	mg/dL	
LDL CHOLESTEROL		128	<100	100-129	>129	mg/dL	
						(calc)	
CHOL/HDL C	3.2		<=3.5	3.6-5.0	>5.0	calc	
NON HDL CHOLESTEROL		142	<130	130-189	>=190	mg/dL (calc)	
TG/HDL C	0.8		<2.0	2.0-3.0	>3.0	calc	
LIPOPROTEIN FRACTION	ATION NMR						
LDL P		1525	<935	935-1816	>1816	nmol/L	
SMALL LDL P	395		<467	467-820	>820	nmol/L	
LDL SIZE	21.3		>20.5	NA	<20.6	nm	
HDL P	38.1		>32.8	29.2-32.8	<29.2	umol/L	
LARGE HDL P		7.1	>7.2	5.3-7.2	<5.3	umol/L	
HDL SIZE		8.9	>9.0	8.7-9.0	<8.7	nm	
LARGE VLDL P	<1.5		<3.7	3.7-6.1	>6.1	nmol/L	
VLDL SIZE	43.9		<47.1	47.1-49.0	>49.0	nm	
APOLIPOPROTEINS							
APOLIPOPROTEIN B		98	<90	90-119	>=120	mg/dL	
LIPOPROTEIN (a)		75	<75	75-125	>125	nmol/L	
			-				



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	Cu	rrent	Risk/	Reference In	iterval		Historical
Test Name	Resul	Result & Risk		Optimal Moderate H		Units	Result & Risk
	Optimal	Non-Optimal	Optimal	Moderate	High	Offics	
INFLAMMATION							
OxLDL	54		<60	60-69	>=70	U/L	

For details on reference ranges please refer to the reference range/comment section of the report.

**4myheart Diet & Exercise Coaching Program:** Need help achieving and maintaining an optimal weight? Managing stress? Trying to improve physical fitness levels? The 4myheart program provides support and personalized lifestyle guidance to help improve heart health. Please talk to your provider, visit 4myheart.com or call 1-800-432-7889 opt 2 to learn more.

**Medical Information For Healthcare Providers:** If you have questions about any of the tests in our Cardio IQ offering, please call Client Services at our Quest Diagnostics-Cleveland HeartLab Cardiometabolic Center of Excellence. They can be reached at 866.358.9828, option 1 to arrange a consult with our clinical education team.



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WARNER, MALCOLM	Specimen: AZ129960B	Client #: 10485914		
William, Willeoff	Collected: 07/27/2022 / 08:27 EDT	HANCOCK, MARK		
DOB: 08/18/1970 AGE: 51	Received: 07/28/2022 / 09:24 EDT			
Gender: M Fasting: Y	Reported: 08/03/2022 / 14:11 EDT			
Patient ID: 1921648				
Health ID: 8573027684657227				

Loolth ID. 0572007604657007				
Health ID: 8573027684657227	Defere			
Analyte Name	In Range	ence Range/Com Out Range	Reference Range	Lab
APOLIPOPROTEIN B	iii Kange	98	<90 mg/dL	Z4M
		ardiovascular event ris	sk category cut points (optimal, moderate, high) are	
CHOLESTEROL, TOTAL		208	<200 mg/dL	Z4M
HDL SIZE		8.9	>9.0 nm	Z4M
Relative risk: Optimal >9.0; Moderate 8.7-9.0; Hig	gh <8.7 nm. Reference rar			
LARGE HDL P		7.1	>7.2 umol/L	Z4M
Relative risk: Optimal >7.2; Moderate 5.3-7.2; Hig	gh <5.3 umol/L. Reference		<u>-</u> .	
LDL CHOLESTEROL		128	<100 mg/dL (calc)	Z4M
	novel method providing be	s with CHD or diabetion	c patients with >= 2 CHD risk factors. LDL-C is now a Friedewald equation in the estimation of LDL-C.	
_DL P		1525	<935 nmol/L	Z4M
method. This test was developed and its perform	ance characteristics deter cal Laboratory Improveme	mined by The Clevelant Amendments (CLI	404 nmol/L. This test is performed by a Nuclear Mand HeartLab, Inc. It has not been cleared or approach as qualified to perform high-complexity testing.	oved by the U.S. FDA
IPOPROTEIN (a)		75	<75 nmol/L	Z4M
		75		Z4IVI
Risk: Optimal <75 nmol/L; Moderate 75-125 nmol/JACC 2017;69:692-711.	l/L; High >125 nmol/L. Ca		k category cut points (optimal, moderate, high) are	
IACC 2017;69:692-711.	I/L; High >125 nmol/L. Ca			
JACC 2017;69:692-711. NON HDL CHOLESTEROL		rdiovascular event ris	k category cut points (optimal, moderate, high) are	based on Tsimika S.
JACC 2017;69:692-711. NON HDL CHOLESTEROL For patients with diabetes plus 1 major ASCVD ri		rdiovascular event ris	k category cut points (optimal, moderate, high) are	based on Tsimika S.
JACC 2017;69:692-711. NON HDL CHOLESTEROL For patients with diabetes plus 1 major ASCVD ri CHOL/HDL C	isk factor, treating to a nor	rdiovascular event ris	chk category cut points (optimal, moderate, high) are considered a there is a considered a there is a considered at the	e based on Tsimika S.  Z4M  apeutic option.
JACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD ri  CHOL/HDL C  HDL CHOLESTEROL	isk factor, treating to a nor	rdiovascular event ris	category cut points (optimal, moderate, high) are considered at the considered at	z based on Tsimika S.  Z4M apeutic option.  Z4M
JACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD ri  CHOL/HDL C  HDL CHOLESTEROL  HDL P	3.2 66 38.1	rdiovascular event ris  142 n-HDL-C goal of <100	k category cut points (optimal, moderate, high) are <130 mg/dL (calc) mg/dL (LDL-C of <70 mg/dL) is considered a ther <3.6 calc >39 mg/dL >32.8 umol/L	z4M apeutic option. Z4M Z4M
JACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD ri  CHOL/HDL C  HDL CHOLESTEROL  HDL P  Relative risk: Optimal >32.8; Moderate 29.2-32.8;	3.2 66 38.1	rdiovascular event ris  142 n-HDL-C goal of <100	k category cut points (optimal, moderate, high) are <130 mg/dL (calc) mg/dL (LDL-C of <70 mg/dL) is considered a ther <3.6 calc >39 mg/dL >32.8 umol/L	z4M apeutic option. Z4M Z4M
JACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD ri  CHOL/HDL C  HDL CHOLESTEROL  HDL P  Relative risk: Optimal >32.8; Moderate 29.2-32.8;  LARGE VLDL P	3.2 66 38.1 ; High <29.2 umol/L. Refe	rdiovascular event ris  142  n-HDL-C goal of <100  rence range is 21.1-4	k category cut points (optimal, moderate, high) are <130 mg/dL (calc) mg/dL (LDL-C of <70 mg/dL) is considered a ther <3.6 calc >39 mg/dL >32.8 umol/L 33.4 umol/L <3.7 nmol/L	z4M apeutic option. Z4M Z4M Z4M Z4M Z4M
JACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD ri  CHOL/HDL C  HDL CHOLESTEROL  HDL P  Relative risk: Optimal >32.8; Moderate 29.2-32.8;  LARGE VLDL P  Relative risk: Optimal <3.7; Moderate 3.7-6.1; Hig	3.2 66 38.1 ; High <29.2 umol/L. Refe	rdiovascular event ris  142  n-HDL-C goal of <100  rence range is 21.1-4	k category cut points (optimal, moderate, high) are <130 mg/dL (calc) mg/dL (LDL-C of <70 mg/dL) is considered a ther <3.6 calc >39 mg/dL >32.8 umol/L 33.4 umol/L <3.7 nmol/L	z4M apeutic option. Z4M Z4M Z4M Z4M Z4M
JACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD ri  CHOL/HDL C  HDL CHOLESTEROL  HDL P  Relative risk: Optimal >32.8; Moderate 29.2-32.8;  LARGE VLDL P  Relative risk: Optimal <3.7; Moderate 3.7-6.1; High LDL SIZE	3.2 66 38.1 ; High <29.2 umol/L. Refe <1.5 gh >6.1 nmol/L. Reference	rdiovascular event ris  142 n-HDL-C goal of <100 rence range is 21.1-4 e range is <16.0 nmol	category cut points (optimal, moderate, high) are considered at the considered at	z4M z4M z4M z4M z4M z4M z4M z4M
JACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD ri  CHOL/HDL C  HDL CHOLESTEROL  HDL P  Relative risk: Optimal >32.8; Moderate 29.2-32.8;  LARGE VLDL P  Relative risk: Optimal <3.7; Moderate 3.7-6.1; Hightole SIZE  Relative risk: Optimal >20.5; High <20.6 nm. Reference	3.2 66 38.1 ; High <29.2 umol/L. Refe <1.5 gh >6.1 nmol/L. Reference	rdiovascular event ris  142 n-HDL-C goal of <100 rence range is 21.1-4 e range is <16.0 nmol	category cut points (optimal, moderate, high) are considered at the considered at	z4M apeutic option. Z4M Z4M Z4M Z4M Z4M Z4M
ACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD ri  CHOL/HDL C  HDL CHOLESTEROL  HDL P  Relative risk: Optimal >32.8; Moderate 29.2-32.8;  LARGE VLDL P  Relative risk: Optimal <3.7; Moderate 3.7-6.1; Hig  LDL SIZE  Relative risk: Optimal >20.5; High <20.6 nm. Reference of the control of the con	isk factor, treating to a nor  3.2 66 38.1 ; High <29.2 umol/L. Refe <1.5 gh >6.1 nmol/L. Reference 21.3 erence range is 20.0-22.3 54 y' and non-metabolic syndroveloping metabolic syndro	rdiovascular event ris  142 n-HDL-C goal of <100 rence range is 21.1-4 e range is <16.0 nmol nm. lrome population(1), to one, a range of 60 to	<130 mg/dL (calc)   omg/dL (LDL-C of <70 mg/dL) is considered a there   <3.6 calc	z4M
NON HDL CHOLESTEROL For patients with diabetes plus 1 major ASCVD ri CHOL/HDL C HDL CHOLESTEROL HDL P Relative risk: Optimal >32.8; Moderate 29.2-32.8; LARGE VLDL P Relative risk: Optimal <3.7; Moderate 3.7-6.1; Hig LDL SIZE Relative risk: Optimal >20.5; High <20.6 nm. Refe DxLDL Based on a recent study of an 'apparently healthy lefines a population with a low relative risk of devertout the state of the s	isk factor, treating to a nor  3.2 66 38.1 ; High <29.2 umol/L. Refe <1.5 gh >6.1 nmol/L. Reference 21.3 erence range is 20.0-22.3 54 y' and non-metabolic syndroveloping metabolic syndro	rdiovascular event ris  142 n-HDL-C goal of <100 rence range is 21.1-4 e range is <16.0 nmol nm. lrome population(1), to one, a range of 60 to	<130 mg/dL (calc)   omg/dL (LDL-C of <70 mg/dL) is considered a there   <3.6 calc	z4M
JACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD richoL/HDL C  HDL CHOLESTEROL  HDL P  Relative risk: Optimal >32.8; Moderate 29.2-32.8;  LARGE VLDL P  Relative risk: Optimal <3.7; Moderate 3.7-6.1; High  LDL SIZE  Relative risk: Optimal >20.5; High <20.6 nm. Reference of the company of the com	isk factor, treating to a nor  3.2 66 38.1 ; High <29.2 umol/L. Refe <1.5 gh >6.1 nmol/L. Reference 21.3 erence range is 20.0-22.3 54 y' and non-metabolic syndrogerisk (3.5-fold). (Reference 395	rdiovascular event ris  142 n-HDL-C goal of <100 rence range is 21.1-4 e range is <16.0 nmol nm.  Irome population(1), tome, a range of 60 to to the: 1-Holvoet et al. JA	category cut points (optimal, moderate, high) are   category cut points (optimal, moderate, high) are   category cut points (optimal, moderate, high) are   category cut points (optimal, moderate a there   category cut points (optimal, moderate a there   category cut points (optimal, moderate relative part of the category cut points (optimal, moderate relative part of the category cut points (optimal, moderate relative part of the category cut points (optimal, moderate relative part of the category cut points (optimal, moderate relative part of the category cut points (optimal, moderate, high) are   category cut points (optimal, high) are   category cut points (optimal, high)   category cut points (optimal, high)   category cut points (optimal, high)   category cut points (optimal, high	z4M
JACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD ri  CHOL/HDL C  HDL CHOLESTEROL  HDL P  Relative risk: Optimal >32.8; Moderate 29.2-32.8;  LARGE VLDL P  Relative risk: Optimal <3.7; Moderate 3.7-6.1; Hig  LDL SIZE  Relative risk: Optimal >20.5; High <20.6 nm. Refe  OxLDL  Based on a recent study of an 'apparently healthy	isk factor, treating to a nor  3.2 66 38.1 ; High <29.2 umol/L. Refe <1.5 gh >6.1 nmol/L. Reference 21.3 erence range is 20.0-22.3 54 y' and non-metabolic syndrogerisk (3.5-fold). (Reference 395	rdiovascular event ris  142 n-HDL-C goal of <100 rence range is 21.1-4 e range is <16.0 nmol nm.  Irome population(1), tome, a range of 60 to to the: 1-Holvoet et al. JA	category cut points (optimal, moderate, high) are   category cut points (optimal, moderate, high) are   category cut points (optimal, moderate, high) are   category cut points (optimal, moderate a there   category cut points (optimal, moderate a there   category cut points (optimal, moderate relative part of the category cut points (optimal, moderate relative part of the category cut points (optimal, moderate relative part of the category cut points (optimal, moderate relative part of the category cut points (optimal, moderate relative part of the category cut points (optimal, moderate, high) are   category cut points (optimal, high) are   category cut points (optimal, high)   category cut points (optimal, high)   category cut points (optimal, high)   category cut points (optimal, high	z4M
JACC 2017;69:692-711.  NON HDL CHOLESTEROL  For patients with diabetes plus 1 major ASCVD ri  CHOL/HDL C  HDL CHOLESTEROL  HDL P  Relative risk: Optimal >32.8; Moderate 29.2-32.8;  LARGE VLDL P  Relative risk: Optimal <3.7; Moderate 3.7-6.1; High  LDL SIZE  Relative risk: Optimal >20.5; High <20.6 nm. Reference of the control of the c	isk factor, treating to a nor  3.2  66  38.1  ; High <29.2 umol/L. Reference  21.3  erence range is 20.0-22.3  54  y' and non-metabolic syndrously metabolic syndrously metabolic syndrously isk (3.5-fold). (Reference 395  High >820 nmol/L. Reference 395	rdiovascular event ris  142 n-HDL-C goal of <100 rence range is 21.1-4 e range is <16.0 nmol nm.  Irome population(1), tome, a range of 60 to to the: 1-Holvoet et al. JA	k category cut points (optimal, moderate, high) are  <130 mg/dL (calc)  mg/dL (LDL-C of <70 mg/dL) is considered a ther  <3.6 calc  >39 mg/dL  >32.8 umol/L  3.4 umol/L.  <3.7 nmol/L  /L.  >20.5 nm  <60 U/L  he following cut-offs have been defined for OxLDL 69 U/L defines a population with a moderate relation MA. 2008; 299: 2287-2293.)  <467 nmol/L.  mol/L.	z4M

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# WARNER, MALCOLM

Patient Information	Specimen Information	Client Information		
WARNER, MALCOLM	Specimen: AZ129960B Collected: 07/27/2022 / 08:27 EDT	Client #: 10485914 HANCOCK, MARK		
DOB: 08/18/1970 AGE: 51 Gender: M Fasting: Y Patient ID: 1921648 Health ID: 8573027684657227	Received: 07/28/2022 / 09:24 EDT Reported: 08/03/2022 / 14:11 EDT			

### **PERFORMING SITE:**

AMD QUEST DIAGNOSTICS/NICHOLS CHANTILLY, 14225 NEWBROOK DRIVE, CHANTILLY, VA 20151-2228 Laboratory Director: PATRICK W. MASON,MD,PHD, CLIA: 49D0221801 QUEST DIAGNOSTICS-ATLANTA, 1777 MONTREAL CIRCLE, TUCKER, GA 30084-6802 Laboratory Director: ANDREW N YOUNG,MD,PHD, CLIA: 11D0255931 CLEVELAND HEARTLAB INC, 6701 CARNEGIE AVENUE SUITE 500, CLEVELAND, OH 44103-4623 Laboratory Director: BILL G RICHENDOLLAR, MD, CLIA: 36D1032987

LIST (	OF	RESULTS	PRINTED	IN	THE	OUT	$\mathbf{OF}$	RANGE	COLUMN:

LDL CHOLESTEROL  Desirable range <100 mg/dL for primary prevention; <70 mg/dL patients with CHD or diabetic patients with >= 2 CHD risk fa LDL-C is now calculated using the Martin-Hopkins calculation a validated novel method providing better accuracy than the equation in the estimation of LDL-C. Martin SS et al. JAMA. 2013;310(19): 2061-2068	actors. n, which is	-
<pre>(http://education.QuestDiagnostics.com/faq/FAQ164) NON HDL CHOLESTEROL 142 H &lt;13 For patients with diabetes plus 1 major ASCVD risk factor, t a non-HDL-C goal of &lt;100 mg/dL (LDL-C of &lt;70 mg/dL) is consi therapeutic option.</pre>		[
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	.2 umol/L Z4M Dl/L.	[
	.0 nm Z4M	[
	erate, as-	1
MCV       78.0 L       80         MCH       26.9 L       27         PLATELET COUNT       110 L       140		1

SPECIMEN: AZ129960B