

Specimen

EN081509D

Requisition

1418595

Lab Ref No

Collected Date

02/02/2026 08:02

Received Date

02/03/2026 09:27

Ultra Lab Tests, LLC

9237 E Via de Ventura, Suite 220

Scottsdale, AZ 85258

[UltraLabTests.com](#)

Legend

Result Value Colors

Normal

Result is within the clinical reference range

Result Value Labels

H

Above High Normal

L

Below Low Normal

Result	Value	Reference Range	Lab
--------	-------	-----------------	-----

Cardiovascular Health

Cholesterol & Triglycerides

Lipid Panel with Ratios

Cholesterol, Total			
CHOLESTEROL, TOTAL	162 02/08/26	<200 mg/dL	EN
TRIGLYCERIDES	57 02/08/26	<150 mg/dL	EN
CHOL/HDL C RATIO	3.5 02/08/26	<5.0 (calc)	EN
LDL/HDL RATIO	2.2 02/08/26	(calc)	EN
Comments	Below Average Risk: <2.28 Average Risk: 2.29-4.90 Moderate Risk: 4.91-7.12 High Risk: >7.13		
NON HDL CHOLESTEROL	116 02/08/26	<130 mg/dL (calc)	EN

Result	Value	Reference Range	Lab
Comments	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.		

HDL Particles

Lipid Panel with Ratios

Cholesterol, HDL

HDL CHOLESTEROL	46 02/08/26	> OR = 40 mg/dL	EN
-----------------	-----------------------	-----------------	----

LDL Particles

Lipid Panel with Ratios

LDL-Cholesterol

LDL-CHOLESTEROL	102 H 02/08/26	mg/dL (calc)	EN
-----------------	--------------------------	--------------	----

Comments	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)		
----------	---	--	--

Metabolic & Endocrine Health

Diabetes & Insulin Resistance

Comprehensive Metabolic Panel (CMP)

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
GLUCOSE	86 02/08/26	65-99 mg/dL	EN

Comments Fasting reference interval

Insulin

INSULIN	3.4 02/08/26	uIU/mL	EN
---------	------------------------	--------	----

Comments Reference Range < or = 18.4

Risk:
 Optimal < or = 18.4
 Moderate NA
 High >18.4

Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on Insulin Reference Interval studies performed at Quest Diagnostics in 2022.

Reproductive Hormones

FSH and LH

FSH (Follicle Stimulating Hormone)

FSH	<0.7 L 02/08/26	1.4-12.8 mIU/mL	EN
LH	0.2 L 02/08/26	1.5-9.3 mIU/mL	EN

Testosterone, Total And Free And Sex Hormone Binding Globulin

TESTOSTERONE, TOTAL, MS

TESTOSTERONE, TOTAL, MS	2717 H 02/08/26	250-1100 ng/dL	EZ
-------------------------	---------------------------	----------------	----

Comments For additional information, please refer to <http://education.questdiagnostics.com/faq/TotalTestosteroneL> CMSMS (This link is being provided for informational/educational purposes only.)

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

McIntosh, Kevin - 1418595

Result	Value	Reference Range	Lab
TESTOSTERONE, FREE	Pending 02/08/26		EZ
SEX HORMONE BINDING GLOBULIN	26 02/08/26	10-50 nmol/L	EZ

Estradiol, Ultrasensitive LC/MS/MS

ESTRADIOL,ULTRASENSITIVE, LC/MS	137 H 02/08/26	< OR = 29 pg/mL	EZ
---------------------------------	--------------------------------------	-----------------	----

Comments	This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. 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.
----------	---

Liver Health

Liver Enzymes and Function Tests

Comprehensive Metabolic Panel (CMP)

PROTEIN, TOTAL	7.1 02/08/26	6.1-8.1 g/dL	EN
ALBUMIN	4.7 02/08/26	3.6-5.1 g/dL	EN
GLOBULIN	2.4 02/08/26	1.9-3.7 g/dL (calc)	EN
ALBUMIN/GLOBULIN RATIO	2.0 02/08/26	1.0-2.5 (calc)	EN
BILIRUBIN, TOTAL	0.9 02/08/26	0.2-1.2 mg/dL	EN
ALKALINE PHOSPHATASE	65 02/08/26	35-144 U/L	EN
AST	30 02/08/26	10-35 U/L	EN
ALT	32 02/08/26	9-46 U/L	EN

Gamma Glutamyl Transferase (GGT)

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
GGT	18 02/08/26	3-95 U/L	EN

Kidney & Urinary Health

Kidney Function Metabolic

Comprehensive Metabolic Panel (CMP)

UREA NITROGEN (BUN)	25 02/08/26	7-25 mg/dL	EN
CREATININE	1.09 02/08/26	0.70-1.30 mg/dL	EN
EGFR	83 02/08/26	> OR = 60 mL/min/1.73m2	EN
BUN/CREATININE RATIO	SEE NOTE: 02/08/26	6-22 (calc)	EN

Comments

Not Reported: BUN and Creatinine are within reference range.

Electrolytes

Electrolytes

Comprehensive Metabolic Panel (CMP)

SODIUM	138 02/08/26	135-146 mmol/L	EN
POTASSIUM	4.2 02/08/26	3.5-5.3 mmol/L	EN
CHLORIDE	99 02/08/26	98-110 mmol/L	EN
CARBON DIOXIDE	30 02/08/26	20-32 mmol/L	EN
CALCIUM	9.5 02/08/26	8.6-10.3 mg/dL	EN

Blood Health

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
--------	-------	-----------------	-----

Platelets

CBC (includes Differential and Platelets)

PLATELET COUNT	271 02/08/26	140-400 Thousand/uL	EN
----------------	-----------------	---------------------	----

Red Blood Cells

CBC (includes Differential and Platelets)

RED BLOOD CELL COUNT	5.66 02/08/26	4.20-5.80 Million/uL	EN
HEMOGLOBIN	18.3 H 02/08/26	13.2-17.1 g/dL	EN
HEMATOCRIT	53.3 H 02/08/26	39.4-51.1 %	EN
MCV	94.2 02/08/26	81.4-101.7 fL	EN
MCH	32.3 02/08/26	27.0-33.0 pg	EN
MCHC	34.3 02/08/26	31.6-35.4 g/dL	EN
RDW	13.8 02/08/26	11.0-15.0 %	EN
MPV	11.4 02/08/26	7.5-12.5 fL	EN

White Blood Cells

CBC (includes Differential and Platelets)

WHITE BLOOD CELL COUNT	11.2 H 02/08/26	3.8-10.8 Thousand/uL	EN
ABSOLUTE NEUTROPHILS	8131 H 02/08/26	1500-7800 cells/uL	EN
ABSOLUTE LYMPHOCYTES	1882 02/08/26	850-3900 cells/uL	EN
ABSOLUTE MONOCYTES	728 02/08/26	200-950 cells/uL	EN

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
ABSOLUTE EOSINOPHILS	414 02/08/26	15-500 cells/uL	EN
ABSOLUTE BASOPHILS	45 02/08/26	0-200 cells/uL	EN
NEUTROPHILS	72.6 02/08/26	%	EN
LYMPHOCYTES	16.8 02/08/26	%	EN
MONOCYTES	6.5 02/08/26	%	EN
EOSINOPHILS	3.7 02/08/26	%	EN
BASOPHILS	0.4 02/08/26	%	EN

Tumor Markers

Tumor Indicators

PSA, Free and Total

PSA, TOTAL	0.7 02/05/26	< OR = 4.0 ng/mL	EN
PSA, FREE	0.3 02/05/26	ng/mL	EN
PSA, % FREE	43 02/05/26	>25 % (calc)	EN

Comments	PSA(ng/mL)	Free PSA(%)	Estimated(x) Probability of Cancer(as%)
	0-2.5	(*)	Approx. 1
	2.6-4.0(1)	0-27(2)	24(3)
	4.1-10(4)	0-10	56
		11-15	28
		16-20	20
		21-25	16
		>or =26	8
	>10(+)	N/A	>50
References:(1)Catalona et al.:Urology 60: 469-474 (2002)			
(2)Catalona et al.:J.Urol 168: 922-925 (2002)			
	Free PSA(%)	Sensitivity(%)	Specificity(%)
	< or = 25	85	19
	< or = 30	93	9

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
	(3)Catalona et al.:JAMA 277: 1452-1455 (1997)		
	(4)Catalona et al.:JAMA 279: 1542-1547 (1998)		
	(x)These estimates vary with age, ethnicity, family history and DRE results.		
	(*)The diagnostic usefulness of % Free PSA has not been established in patients with total PSA below 2.6 ng/mL		
	(+)In men with PSA above 10 ng/mL, prostate cancer risk is determined by total PSA alone.		
	The Total PSA value from this assay system is standardized against the equimolar PSA standard. The test result will be approximately 20% higher when compared to the WHO-standardized Total PSA (Siemens assay). Comparison of serial PSA results should be interpreted with this fact in mind. PSA was performed using the Beckman Coulter Immunoassay 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.		

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Performing Laboratory Information

EN Quest Diagnostics-West Hills

8401 Fallbrook Ave West Hills, California 91304-3226 Thomas J McDonald

EZ Quest Diagnostics/Nichols SJC-San Juan Capistrano,

33608 Ortega Hwy San Juan Capistrano, California 92675-2042 Irina Maramica MD,PhD,MBA

NOTE: Only measurable biomarkers will be reported. Certain biomarkers do not appear in healthy individuals.

NOTE: Ultra Lab Tests provides CBC test results from Quest Diagnostics as they are reported. Often, different biomarker results are made available at different time intervals. When reporting the results, Ultra Lab Tests denotes those biomarkers not yet reported as 'pending' for every biomarker the test might report. Only biomarkers Quest Diagnostics observes are incorporated and represented in the final CBC test results provided by Ultra Lab Tests.

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

McIntosh, Kevin - 1418595