

Age: 72
Fasting: Y

Specimen: T2918447B

Collected: 11/13/2025 06:12
Received: 11/13/2025 06:13
Reported: 11/16/2025 12:19

FASTING: YES

▲ CBC (INCLUDES DIFF/PLT)

Analyte	Value	
WHITE BLOOD CELL COUNT	6.0	Reference Range: 3.8-10.8 Thousand/uL
▲ RED BLOOD CELL COUNT	3.91 L	Reference Range: 4.20-5.80 Million/uL
▲ HEMOGLOBIN	13.0 L	Reference Range: 13.2-17.1 g/dL
▲ HEMATOCRIT	38.3 L	Reference Range: 38.5-50.0 %
MCV	98.0	Reference Range: 80.0-100.0 fL
▲ MCH	33.2 H	Reference Range: 27.0-33.0 pg
MCHC	33.9	Reference Range: 32.0-36.0 g/dL
For adults, a slight decrease in the calculated MCHC value (in the range of 30 to 32 g/dL) is most likely not clinically significant; however, it should be interpreted with caution in correlation with other red cell parameters and the patient's clinical condition.		
RDW	11.6	Reference Range: 11.0-15.0 %
PLATELET COUNT	217	Reference Range: 140-400 Thousand/uL
MPV	9.0	Reference Range: 7.5-12.5 fL
ABSOLUTE NEUTROPHILS	3114	Reference Range: 1500-7800 cells/uL
ABSOLUTE LYMPHOCYTES	1824	Reference Range: 850-3900 cells/uL
ABSOLUTE MONOCYTES	744	Reference Range: 200-950 cells/uL
ABSOLUTE EOSINOPHILS	288	Reference Range: 15-500 cells/uL
ABSOLUTE BASOPHILS	30	Reference Range: 0-200 cells/uL
NEUTROPHILS	51.9	%
LYMPHOCYTES	30.4	%
MONOCYTES	12.4	%
EOSINOPHILS	4.8	%
BASOPHILS	0.5	%

COMPREHENSIVE METABOLIC PANEL

Analyte	Value	
GLUCOSE	87	Reference Range: 65-99 mg/dL
Fasting reference interval		
UREA NITROGEN (BUN)	7	Reference Range: 7-25 mg/dL
CREATININE	0.94	Reference Range: 0.70-1.28 mg/dL

EGFR	86	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	135	Reference Range: 135-146 mmol/L
POTASSIUM	5.0	Reference Range: 3.5-5.3 mmol/L
CHLORIDE	101	Reference Range: 98-110 mmol/L
CARBON DIOXIDE	27	Reference Range: 20-32 mmol/L
CALCIUM	9.4	Reference Range: 8.6-10.3 mg/dL
PROTEIN, TOTAL	6.9	Reference Range: 6.1-8.1 g/dL
ALBUMIN	4.5	Reference Range: 3.6-5.1 g/dL
GLOBULIN	2.4	Reference Range: 1.9-3.7 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	1.9	Reference Range: 1.0-2.5 (calc)
BILIRUBIN, TOTAL	0.4	Reference Range: 0.2-1.2 mg/dL
ALKALINE PHOSPHATASE	69	Reference Range: 35-144 U/L
AST	21	Reference Range: 10-35 U/L
ALT	17	Reference Range: 9-46 U/L

PROTEIN, TOTAL AND PROTEIN ELECTROPHORESIS

PROTEIN, TOTAL, SERUM

Analyte	Value	
PROTEIN, TOTAL	6.9	Reference Range: 6.1-8.1 g/dL

PROTEIN ELECTROPHORESIS

Analyte	Value	
ALBUMIN	4.4	Reference Range: 3.8-4.8 g/dL
ALPHA 1 GLOBULIN	0.2	Reference Range: 0.2-0.3 g/dL
ALPHA 2 GLOBULIN	0.6	Reference Range: 0.5-0.9 g/dL
BETA 1 GLOBULIN	0.4	Reference Range: 0.4-0.6 g/dL
BETA 2 GLOBULIN	0.4	Reference Range: 0.2-0.5 g/dL
GAMMA GLOBULIN	0.9	Reference Range: 0.8-1.7 g/dL

INTERPRETATION

Normal Serum Protein Electrophoresis Pattern.
No abnormal protein bands (M-protein) detected.

LIPID PANEL, STANDARD

Analyte	Value	
CHOLESTEROL, TOTAL	119	Reference Range: <200 mg/dL
HDL CHOLESTEROL	67	Reference Range: > OR = 40 mg/dL
TRIGLYCERIDES	45	Reference Range: <150 mg/dL

LDL-CHOLESTEROL	39	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/HDLC RATIO	1.8	Reference Range: <5.0 (calc)
NON HDL CHOLESTEROL	52	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.		

HS CRP

Analyte	Value
HS CRP	0.2 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.	

IMMUNOGLOBULIN G

Analyte	Value
IMMUNOGLOBULIN G	1016 Reference Range: 600-1540 mg/dL

IMMUNOGLOBULIN A

Analyte	Value
IMMUNOGLOBULIN A	247 Reference Range: 70-320 mg/dL

GGT

Analyte	Value
GGT	13 Reference Range: 3-70 U/L



T3, FREE

Analyte	Value
T3, FREE	2.6 Reference Range: 2.3-4.2 pg/mL

CYSTATIN C WITH eGFR

Analyte	Value
CYSTATIN C	0.92 Reference Range: 0.52-1.16 mg/L
eGFR	83 Reference Range: >=60 mL/min/1.73m2
REFERENCE RANGE:>=60 mL/min/1.73mE2	

INSULIN

Analyte	Value
INSULIN	3.6 uIU/mL
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.	

PROLACTIN

Analyte	Value
PROLACTIN	4.2 Reference Range: 2.0-18.0 ng/mL

CEA

Analyte	Value
CEA	2.2 Reference Range: Non-Smoker: <2.5 ng/mL Smoker: <5.0 ng/mL
This test was performed using the Siemens chemiluminescent method. Values obtained from different assay methods cannot be used interchangeably. CEA levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.	

Performing Sites

AMD Quest Diagnostics/Nichols Chantilly-Chantilly VA, 14225 Newbrook Dr, Chantilly, VA 20151-2228 Laboratory Director: Patrick W Mason M.D.,PhD
TP Quest Diagnostics-Tampa, 4225 E Fowler Ave, Tampa, FL 33617-2026 Laboratory Director: Weston H Rothrock MD

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.