

Quest Diagnostics

PATIENT INFORMATION

REPORT STATUS: FINAL

SPECIMEN INFORMATION

Name

ORDERING PHYSICIAN

SPECIMEN:

DOB:

Name

REQUISITION:

AGE:

CLIENT INFORMATION

Lab ref no:

GENDER:

Private MD Labs

FASTING:

COLLECTED: 09/03/2022 10:00AM PDT

RECEIVED: 09/03/2022 10:01AM PDT

REPORTED: 09/06/2022 12:53PM PDT

Test Name	Result	Flag	Reference Range	Lab
FASTING: YES				
<b>Comprehensive Metabolic Panel</b>				
GLUCOSE	92	NORMAL	65-99 mg/dL	01
Fasting reference interval				
UREA NITROGEN (BUN)	12	NORMAL	7-25 mg/dL	01
CREATININE	0.78	NORMAL	0.50-0.97 mg/dL	01
EGFR	105	NORMAL	> OR = 60 mL/min/1.73m2	01
The eGFR is based on the CKD-EPI 2021 equation. To calculate the new eGFR from a previous Creatinine or Cystatin C result, go to <a href="https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator">https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator</a>				
BUN/CREATININE RATIO	NOT APPLICABLE	NORMAL	6-22 (calc)	01
SODIUM	136	NORMAL	135-146 mmol/L	01
POTASSIUM	5.2	NORMAL	3.5-5.3 mmol/L	01
CHLORIDE	104	NORMAL	98-110 mmol/L	01
CARBON DIOXIDE	27	NORMAL	20-32 mmol/L	01
CALCIUM	9.1	NORMAL	8.6-10.2 mg/dL	01
PROTEIN, TOTAL	7.2	NORMAL	6.1-8.1 g/dL	01
ALBUMIN	4.2	NORMAL	3.6-5.1 g/dL	01
GLOBULIN	3.0	NORMAL	1.9-3.7 g/dL (calc)	01
ALBUMIN/GLOBULIN RATIO	1.4	NORMAL	1.0-2.5 (calc)	01
BILIRUBIN, TOTAL	0.4	NORMAL	0.2-1.2 mg/dL	01
ALKALINE PHOSPHATASE	43	NORMAL	31-125 U/L	01
AST	15	NORMAL	10-30 U/L	01
ALT	10	NORMAL	6-29 U/L	01
<b>LIPID PANEL WITH RATIOS</b>				
CHOLESTEROL, TOTAL	157	NORMAL	<200 mg/dL	01
HDL CHOLESTEROL	79	NORMAL	> OR = 50 mg/dL	01
TRIGLYCERIDES	64	NORMAL	<150 mg/dL	01
LDL-CHOLESTEROL	64	NORMAL	mg/dL (calc)	01
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 ( <a href="http://education.QuestDiagnostics.com/faq/FAQ164">http://education.QuestDiagnostics.com/faq/FAQ164</a> )				
CHOL/HDL RATIO	2.0	NORMAL	<5.0 (calc)	01
LDL/HDL RATIO	0.8	NORMAL	(calc)	01
Below average Risk: <2.34 Average Risk: 2.35-4.12 Moderate Risk: 4.13-5.56 High Risk: >5.57				

NON HDL CHOLESTEROL	78	NORMAL	<130 mg/dL (calc)	01
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.				
<b>Gamma Glutamyl Transferase (GGT)</b>				
GGT	8	NORMAL	3-50 U/L	01
<b>IRON, TOTAL</b>				
IRON, TOTAL	22	LOW	40-190 mcg/dL	01
<b>Lactate Dehydrogenase (LD)</b>				
LD	112	NORMAL	100-200 U/L	01
<b>PHOSPHATE (AS PHOSPHORUS)</b>				
PHOSPHATE (AS PHOSPHORUS)	3.4	NORMAL	2.5-4.5 mg/dL	01
<b>URIC ACID</b>				
URIC ACID	2.8	NORMAL	2.5-7.0 mg/dL	01
Therapeutic target for gout patients: <6.0 mg/dL				

---