

| Patient Information | Specimen Information | Client Information |
|---|---|--------------------|
| DOB: AGE: Gender: Phone: Patient ID: | Specimen: Requisition: Lab Ref #: Collected: Received: Reported: | |

COMMENTS: FASTING: YES

| Test Name | In Range | Out Of Range | Reference Range | Lab |
|---|----------------|--------------|-------------------------------------|-----|
| THYROID PANEL WITH TSH | | | | |
| THYROID PANEL | | | | |
| T3 UPTAKE | 31 | | 22-35 % | |
| T4 (THYROXINE), TOTAL | 6.9 | | 5.1-11.9 mcg/dL | |
| FREE T4 INDEX (T7) | 2.1 | | 1.4-3.8 | |
| TSH | 3.40 | | 0.40-4.50 mIU/L | |
| LIPID PANEL, STANDARD | | | | |
| CHOLESTEROL, TOTAL | 166 | | <200 mg/dL | |
| HDL CHOLESTEROL | 82 | | >50 mg/dL | |
| TRIGLYCERIDES | 65 | | <150 mg/dL | |
| LDL-CHOLESTEROL | 70 | | mg/dL (calc) | |
| Reference range: <100 | | | | |
| <p>Desirable range <100 mg/dL for primary prevention; <70 mg/dL for patients with CHD or diabetic patients with > or = 2 CHD risk factors.</p> <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/HDL-C RATIO | 2.0 | | <5.0 (calc) | |
| NON HDL CHOLESTEROL | 84 | | <130 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 | | | | |
| GLUCOSE | 92 | | 65-99 mg/dL | |
| <p style="text-align: right;">Fasting reference interval</p> | | | | |
| UREA NITROGEN (BUN) | 18 | | 7-25 mg/dL | |
| CREATININE | 0.82 | | 0.50-1.05 mg/dL | |
| <p>For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.</p> | | | | |
| eGFR NON-AFR. AMERICAN | 80 | | > OR = 60 mL/min/1.73m ² | |
| eGFR AFRICAN AMERICAN | 93 | | > OR = 60 mL/min/1.73m ² | |
| BUN/CREATININE RATIO | NOT APPLICABLE | | 6-22 (calc) | |
| SODIUM | 141 | | 135-146 mmol/L | |
| POTASSIUM | 4.2 | | 3.5-5.3 mmol/L | |
| CHLORIDE | 105 | | 98-110 mmol/L | |
| CARBON DIOXIDE | 27 | | 20-32 mmol/L | |
| CALCIUM | 9.9 | | 8.6-10.4 mg/dL | |
| PROTEIN, TOTAL | 7.5 | | 6.1-8.1 g/dL | |
| ALBUMIN | 4.5 | | 3.6-5.1 g/dL | |
| GLOBULIN | 3.0 | | 1.9-3.7 g/dL (calc) | |

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| ALBUMIN/GLOBULIN RATIO | 1.5 | | 1.0-2.5 (calc) | |
| BILIRUBIN, TOTAL | 0.8 | | 0.2-1.2 mg/dL | |
| ALKALINE PHOSPHATASE | 60 | | 33-130 U/L | |
| AST | 18 | | 10-35 U/L | |
| ALT | 16 | | 6-29 U/L | |
| PHOSPHATE (AS PHOSPHORUS) | 3.6 | | 2.5-4.5 mg/dL | |
| URIC ACID | 5.8 | | 2.5-7.0 mg/dL | |
| Therapeutic target for gout patients: <6.0 mg/dL | | | | |
| LD | 163 | | 120-250 U/L | |
| GGT | 13 | | 3-70 U/L | |
| CBC (INCLUDES DIFF/PLT) | | | | |
| WHITE BLOOD CELL COUNT | 6.5 | | 3.8-10.8 Thousand/uL | |
| RED BLOOD CELL COUNT | 4.71 | | 3.80-5.10 Million/uL | |
| HEMOGLOBIN | 14.8 | | 11.7-15.5 g/dL | |
| HEMATOCRIT | 42.2 | | 35.0-45.0 % | |
| MCV | 89.6 | | 80.0-100.0 fL | |
| MCH | 31.4 | | 27.0-33.0 pg | |
| MCHC | 35.1 | | 32.0-36.0 g/dL | |
| RDW | 13.4 | | 11.0-15.0 % | |
| PLATELET COUNT | 257 | | 140-400 Thousand/uL | |
| MPV | 10.2 | | 7.5-12.5 fL | |
| ABSOLUTE NEUTROPHILS | 3068 | | 1500-7800 cells/uL | |
| ABSOLUTE LYMPHOCYTES | 2763 | | 850-3900 cells/uL | |
| ABSOLUTE MONOCYTES | 371 | | 200-950 cells/uL | |
| ABSOLUTE EOSINOPHILS | 241 | | 15-500 cells/uL | |
| ABSOLUTE BASOPHILS | 59 | | 0-200 cells/uL | |
| NEUTROPHILS | 47.2 | | % | |
| LYMPHOCYTES | 42.5 | | % | |
| MONOCYTES | 5.7 | | % | |
| EOSINOPHILS | 3.7 | | % | |
| BASOPHILS | 0.9 | | % | |
| IRON, TOTAL | 113 | | 45-160 mcg/dL | |

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Endocrinology

| Test Name | Result | Reference Range | Lab |
|---|--------|-----------------|-----|
| VITAMIN D,25-OH,TOTAL,IA | 32 | 30-100 ng/mL | |
| Vitamin D Status 25-OH Vitamin D: Deficiency: <20 ng/mL Insufficiency: 20 - 29 ng/mL Optimal: > or = 30 ng/mL For 25-OH Vitamin D testing on patients on D2-supplementation and patients for whom quantitation of D2 and D3 fractions is required, the QuestAssureD(TM) 25-OH VIT D, (D2,D3), LC/MS/MS is recommended: order code 92888 (patients >2yrs). For more information on this test, go to: http://education.questdiagnostics.com/faq/FAQ163 (This link is being provided for informational/educational purposes only.) | | | |
| Physician Comments: | | | |

PERFORMING SITE: