

| Patient Information                                                                                                        | Specimen Information                                                                                                                                         | Client Information                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>HIGDON, LEON</b><br><br><b>DOB: 03/20/1966 AGE: 54</b><br>Gender: M Fasting: U<br>Phone: 251.622.1918<br>Patient ID: NG | Specimen: AL125064Y<br>Requisition: 4285226<br><br>Collected: 12/17/2020 / 08:16 CST<br>Received: 12/17/2020 / 22:58 CST<br>Reported: 12/18/2020 / 02:53 CST | Client #: 49100638 QATL0000<br>TUCK, PAMELA P<br>AUM NURSING CARE CENTER<br>7461 EAST DRIVE #102<br>MONTGOMERY, AL 36117 |

| Test Name             | In Range | Out Of Range | Reference Range | Lab |
|-----------------------|----------|--------------|-----------------|-----|
| LIPID PANEL, STANDARD |          |              |                 |     |
| CHOLESTEROL, TOTAL    |          | 235 H        | <200 mg/dL      | AT  |
| HDL CHOLESTEROL       | 51       |              | > OR = 40 mg/dL | AT  |
| TRIGLYCERIDES         |          | 250 H        | <150 mg/dL      | AT  |

If a non-fasting specimen was collected, consider repeat triglyceride testing on a fasting specimen if clinically indicated.  
Jacobson et al. J. of Clin. Lipidol. 2015;9:129-169.

|                       |       |              |    |
|-----------------------|-------|--------------|----|
| LDL-CHOLESTEROL       | 146 H | mg/dL (calc) | AT |
| 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/HDL-C RATIO    | 4.6   | <5.0 (calc)       | AT |
| NON HDL CHOLESTEROL | 184 H | <130 mg/dL (calc) | AT |

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.

|                       |    |             |    |
|-----------------------|----|-------------|----|
| BASIC METABOLIC PANEL |    |             | AT |
| GLUCOSE               | 99 | 65-99 mg/dL |    |

Fasting reference interval

|                     |      |                 |
|---------------------|------|-----------------|
| UREA NITROGEN (BUN) | 14   | 7-25 mg/dL      |
| CREATININE          | 1.15 | 0.70-1.33 mg/dL |

For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.

|                        |                |                         |
|------------------------|----------------|-------------------------|
| eGFR NON-AFR. AMERICAN | 72             | > OR = 60 mL/min/1.73m2 |
| eGFR AFRICAN AMERICAN  | 83             | > OR = 60 mL/min/1.73m2 |
| BUN/CREATININE RATIO   | NOT APPLICABLE | 6-22 (calc)             |
| SODIUM                 | 139            | 135-146 mmol/L          |
| POTASSIUM              | 4.4            | 3.5-5.3 mmol/L          |
| CHLORIDE               | 103            | 98-110 mmol/L           |
| CARBON DIOXIDE         | 25             | 20-32 mmol/L            |
| CALCIUM                | 9.8            | 8.6-10.3 mg/dL          |

# PERFORMING SITE:

AT QUEST DIAGNOSTICS-ATLANTA, 1777 MONTREAL CIRCLE, TUCKER, GA 30084-6802 Laboratory Director: ANDREW N YOUNG, MD, PHD, CLIA: 11D0255931

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**LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:**

|                           |              |            |    |
|---------------------------|--------------|------------|----|
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|                                                                                                                                                                |              |                   |    |
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