

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

| Test Name | In Range | Out Of Range | Reference Range | Lab |
|--------------------|----------|--------------|-------------------|-----|
| LIPID PANEL | | | | |
| CHOLESTEROL, TOTAL | 187 | | 125-200 mg/dL | |
| HDL CHOLESTEROL | 77 | | > OR = 46 mg/dL | |
| TRIGLYCERIDES | 147 | | <150 mg/dL | |
| LDL-CHOLESTEROL | 119 | | <130 mg/dL (calc) | |

Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.

| | | | | |
|---------------------|-----|--|-------------------|--|
| CHOL/HDL C RATIO | 2.9 | | < OR = 5.0 (calc) | |
| NON HDL CHOLESTEROL | 148 | | mg/dL (calc) | |

Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.

| | | | | |
|-------------------------------|----|--|-------------|--|
| COMPREHENSIVE METABOLIC PANEL | | | | |
| GLUCOSE | 98 | | 65-99 mg/dL | |

Fasting reference interval

| | | | | |
|---------------------|------|--|-----------------|--|
| UREA NITROGEN (BUN) | 15 | | 7-25 mg/dL | |
| CREATININE | 0.68 | | 0.50-1.05 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 | 96 | | > OR = 60 mL/min/1.73m ² | |
| eGFR AFRICAN AMERICAN | 112 | | > OR = 60 mL/min/1.73m ² | |
| BUN/CREATININE RATIO | NOT APPLICABLE | | 6-22 (calc) | |
| SODIUM | 140 | | 135-146 mmol/L | |
| POTASSIUM | 4.1 | | 3.5-5.3 mmol/L | |
| CHLORIDE | 105 | | 98-110 mmol/L | |
| CARBON DIOXIDE | 28 | | 20-31 mmol/L | |
| CALCIUM | 10.3 | | 8.6-10.4 mg/dL | |
| PROTEIN, TOTAL | 7.4 | | 6.1-8.1 g/dL | |
| ALBUMIN | 4.6 | | 3.6-5.1 g/dL | |
| GLOBULIN | 2.8 | | 1.9-3.7 g/dL (calc) | |
| ALBUMIN/GLOBULIN RATIO | 1.6 | | 1.0-2.5 (calc) | |
| BILIRUBIN, TOTAL | 0.7 | | 0.2-1.2 mg/dL | |
| ALKALINE PHOSPHATASE | 57 | | 33-130 U/L | |
| AST | 22 | | 10-35 U/L | |
| ALT | 13 | | 6-29 U/L | |
| CBC (INCLUDES DIFF/PLT) | | | | |
| WHITE BLOOD CELL COUNT | 5.2 | | 3.8-10.8 Thousand/uL | |
| RED BLOOD CELL COUNT | 4.49 | | 3.80-5.10 Million/uL | |
| HEMOGLOBIN | 13.4 | | 11.7-15.5 g/dL | |
| HEMATOCRIT | 41.4 | | 35.0-45.0 % | |
| MCV | 92.2 | | 80.0-100.0 fL | |
| MCH | 29.8 | | 27.0-33.0 pg | |
| MCHC | 32.3 | | 32.0-36.0 g/dL | |
| RDW | 13.7 | | 11.0-15.0 % | |
| PLATELET COUNT | 260 | | 140-400 Thousand/uL | |
| MPV | 9.0 | | 7.5-12.5 fL | |

| Patient Information | | Specimen Information | Client Information |
|---------------------|------|----------------------|--------------------|
| DOB: | AGE: | Specimen: | |
| Gender: | | Collected: | |
| Patient ID: | | Received: | |
| Health ID: | | Reported: | |

| Test Name | In Range | Out Of Range | Reference Range | Lab |
|----------------------|----------|--------------|--------------------|-----|
| ABSOLUTE NEUTROPHILS | 2787 | | 1500-7800 cells/uL | |
| ABSOLUTE LYMPHOCYTES | 1737 | | 850-3900 cells/uL | |
| ABSOLUTE MONOCYTES | 452 | | 200-950 cells/uL | |
| ABSOLUTE EOSINOPHILS | 192 | | 15-500 cells/uL | |
| ABSOLUTE BASOPHILS | 31 | | 0-200 cells/uL | |
| NEUTROPHILS | 53.6 | | % | |
| LYMPHOCYTES | 33.4 | | % | |
| MONOCYTES | 8.7 | | % | |
| EOSINOPHILS | 3.7 | | % | |
| BASOPHILS | 0.6 | | % | |

HEMOGLOBIN A1c WITH eAG

HEMOGLOBIN A1c 5.1 <5.7 % of total Hgb

For the purpose of screening for the presence of diabetes:

- <5.7% Consistent with the absence of diabetes
- 5.7-6.4% Consistent with increased risk for diabetes (prediabetes)
- > or =6.5% Consistent with diabetes

This assay result is consistent with a decreased risk of diabetes.

Currently, no consensus exists regarding use of hemoglobin A1c for diagnosis of diabetes in children.

According to American Diabetes Association (ADA) guidelines, hemoglobin A1c <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes (ADA).