

## Blood Test Report

Patient ID: Kalyn451\_Bins636\_dc39a10f-f368-5f2a-d7ea-7334ca5f7239

Cholesterol [Mass/volume] in Serum or Plasma: 178.21 mg/dL

Triglycerides: 126.1 mg/dL

Low Density Lipoprotein Cholesterol: 95.34 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 57.65 mg/dL

Leukocytes [# /volume] in Blood by Automated count:  $9.3202 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.177 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.706 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 38.943 %

MCV [Entitic volume] by Automated count: 86.957 fL

MCH [Entitic mass] by Automated count: 27.477 pg

MCHC [Mass/volume] by Automated count: 33.015 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 39.947 fL

Platelets [# /volume] in Blood by Automated count:  $208.25 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 226.66 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 10.712 fL

Cholesterol [Mass/volume] in Serum or Plasma: 115.58 mg/dL

Triglycerides: 116.86 mg/dL

Low Density Lipoprotein Cholesterol: 32.25 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.96 mg/dL

Leukocytes [# /volume] in Blood by Automated count:  $8.5497 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.2902 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.692 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 44.237 %

MCV [Entitic volume] by Automated count: 84.753 fL

MCH [Entitic mass] by Automated count: 29.342 pg

MCHC [Mass/volume] by Automated count: 33.839 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 41.404 fL

Platelets [# /volume] in Blood by Automated count: 251.02 10<sup>3</sup>/uL

Platelet distribution width [Entitic volume] in Blood by Automated count: 438.44 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 9.936 fL

Cholesterol [Mass/volume] in Serum or Plasma: 173.45 mg/dL

Triglycerides: 128.74 mg/dL

Low Density Lipoprotein Cholesterol: 98.29 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 49.42 mg/dL

NT-proBNP: 1176 pg/mL

Leukocytes [# /volume] in Blood by Automated count: 10.474 10<sup>3</sup>/uL

Erythrocytes [# /volume] in Blood by Automated count: 4.5691 10<sup>6</sup>/uL

Hemoglobin [Mass/volume] in Blood: 13.702 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 46.716 %

MCV [Entitic volume] by Automated count: 81.192 fL

MCH [Entitic mass] by Automated count: 28.317 pg

MCHC [Mass/volume] by Automated count: 35.069 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.352 %

Platelets [# /volume] in Blood by Automated count: 402.25 10<sup>3</sup>/uL

Glucose [Mass/volume] in Serum or Plasma: 90.65 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 10.37 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.78 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.46 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.57 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.83 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 6.6947 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.0055 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.73479 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 70.312 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 6.327 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 18.655 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7293 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 218.12 mg/dL

Triglycerides: 139.3 mg/dL

Low Density Lipoprotein Cholesterol: 136 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 54.26 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.62 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.035972 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 86.682 ug/L

Iron [Mass/volume] in Serum or Plasma: 39.479 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 359.16 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 24.291 %

Functional capacity NYHA: None None

Objective assessment of cardiovascular disease NYHA: None None

Left ventricular Ejection fraction: 50.71 %

Glucose [Mass/volume] in Blood: 88.78 mg/dL

Urea nitrogen [Mass/volume] in Blood: 16.81 mg/dL

Creatinine [Mass/volume] in Blood: 0.52 mg/dL

Calcium [Mass/volume] in Blood: 8.54 mg/dL

Sodium [Moles/volume] in Blood: 141.39 mmol/L

Potassium [Moles/volume] in Blood: 4 mmol/L

Chloride [Moles/volume] in Blood: 105.69 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.05 mmol/L

NT-proBNP: 988.66 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $6.5115 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.2513 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.267 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 37.93 %

MCV [Entitic volume] by Automated count: 84.67 fL

MCH [Entitic mass] by Automated count: 31.66 pg

MCHC [Mass/volume] by Automated count: 34.808 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.753 %

Platelets [# /volume] in Blood by Automated count:  $282.41 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 99.34 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 15.09 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.57 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.69 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.9 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.26 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.07 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 6.1862 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.8981 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.88734 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 82.49 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 20.283 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 9.9633 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2317 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 138.96 mg/dL

Triglycerides: 131.99 mg/dL

Low Density Lipoprotein Cholesterol: 51.01 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 61.55 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.1 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.036625 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 104.37 ug/L

Iron [Mass/volume] in Serum or Plasma: 138.32 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 442.34 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 50.221 %

NT-proBNP: 1127.3 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $8.0232 \times 10^3$  /uL

Erythrocytes [# /volume] in Blood by Automated count:  $4.3193 \times 10^6$  /uL

Hemoglobin [Mass/volume] in Blood: 11.87 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 44.434 %

MCV [Entitic volume] by Automated count: 90.184 fL

MCH [Entitic mass] by Automated count: 31.422 pg

MCHC [Mass/volume] by Automated count: 32.524 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.699 %

Platelets [# /volume] in Blood by Automated count: 447.13  $10^3$ /uL

Glucose [Mass/volume] in Serum or Plasma: 99.34 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 15.09 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.57 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.69 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.9 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.26 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.07 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 6.7509 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.1782 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.84876 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 109.18 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 25.085 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 24.643 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8448 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 138.96 mg/dL

Triglycerides: 131.99 mg/dL

Low Density Lipoprotein Cholesterol: 51.01 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 61.55 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.1 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0081705 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 99.972 ug/L

Iron [Mass/volume] in Serum or Plasma: 80.976 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 390.9 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 20.631 %

NT-proBNP: 926.11 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $8.5406 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.7475 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 11.609 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 40.915 %

MCV [Entitic volume] by Automated count: 96.302 fL

MCH [Entitic mass] by Automated count: 26.849 pg

MCHC [Mass/volume] by Automated count: 31.965 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.646 %

Platelets [# /volume] in Blood by Automated count:  $174.43 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 99.34 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 15.09 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.57 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.69 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.9 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.26 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.07 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.2873 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6528 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.91512 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 79.69 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 16.816 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 22.834 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9477 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 138.96 mg/dL

Triglycerides: 131.99 mg/dL

Low Density Lipoprotein Cholesterol: 51.01 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 61.55 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.1 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.021568 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 106.4 ug/L

Iron [Mass/volume] in Serum or Plasma: 108.05 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 281.55 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 53.521 %

NT-proBNP: 1038.2 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $8.9794 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.0744 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.841 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 41.55 %

MCV [Entitic volume] by Automated count: 90.773 fL

MCH [Entitic mass] by Automated count: 32.993 pg

MCHC [Mass/volume] by Automated count: 35.06 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.311 %

Platelets [# /volume] in Blood by Automated count:  $185.47 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 83.56 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.89 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.64 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 138.86 mmol/L



Potassium [Moles/volume] in Serum or Plasma: 3.84 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 104.82 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.97 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.6846 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.425 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.69928 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 71.639 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 40.742 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 32.971 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1303 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 215.15 mg/dL

Triglycerides: 148.83 mg/dL

Low Density Lipoprotein Cholesterol: 128.4 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 56.98 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.53 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.016189 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 53.198 ug/L

Iron [Mass/volume] in Serum or Plasma: 160.48 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 363.54 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 20.288 %

NT-proBNP: 552.63 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $9.6835 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.4499 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.734 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 40.752 %

MCV [Entitic volume] by Automated count: 93.788 fL

MCH [Entitic mass] by Automated count: 29.109 pg

MCHC [Mass/volume] by Automated count: 35.034 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.028 %

Platelets [# /volume] in Blood by Automated count: 154.65 10<sup>3</sup>/uL

Glucose [Mass/volume] in Serum or Plasma: 77.15 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 19.68 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.8 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.66 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 138.19 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 5.1 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.59 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.14 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 8.0058 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6164 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.97884 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 97.119 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 23.304 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 16.386 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6509 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 193.71 mg/dL

Triglycerides: 123.24 mg/dL

Low Density Lipoprotein Cholesterol: 114.92 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 54.14 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.12 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.00089058 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 55.657 ug/L

Iron [Mass/volume] in Serum or Plasma: 80.004 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 439.37 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 27.776 %

Left ventricular Ejection fraction: 81.2 %

NT-proBNP: 362.58 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $7.9516 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.807 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 17.194 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 34.207 %

MCV [Entitic volume] by Automated count: 90.797 fL

MCH [Entitic mass] by Automated count: 27.62 pg

MCHC [Mass/volume] by Automated count: 31.547 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.542 %

Platelets [# /volume] in Blood by Automated count:  $410.21 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 77.15 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 19.68 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.8 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.66 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 138.19 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 5.1 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.59 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.14 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.2362 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.4902 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.65516 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 65.098 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 38.646 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 0.93713 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2226 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 193.71 mg/dL

Triglycerides: 123.24 mg/dL

Low Density Lipoprotein Cholesterol: 114.92 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 54.14 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.12 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.032109 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 111.85 ug/L

Iron [Mass/volume] in Serum or Plasma: 51.566 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 327.34 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 37.396 %

NT-proBNP: 830.55 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $3.5596 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $3.8567 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.296 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 45.021 %

MCV [Entitic volume] by Automated count: 95.343 fL

MCH [Entitic mass] by Automated count: 28.211 pg

MCHC [Mass/volume] by Automated count: 33.932 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.764 %

Platelets [# /volume] in Blood by Automated count:  $278.76 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 77.15 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 19.68 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.8 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.66 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 138.19 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 5.1 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.59 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.14 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 8.4561 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2001 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.0838 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 61.396 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 6.7937 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 35.477 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7303 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 193.71 mg/dL

Triglycerides: 123.24 mg/dL

Low Density Lipoprotein Cholesterol: 114.92 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 54.14 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.12 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.021032 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 105.77 ug/L

Iron [Mass/volume] in Serum or Plasma: 128.89 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 434.31 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 52.19 %

NT-proBNP: 1237.8 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $8.1982 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.628 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.974 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.863 %

MCV [Entitic volume] by Automated count: 94.555 fL

MCH [Entitic mass] by Automated count: 26.74 pg

MCHC [Mass/volume] by Automated count: 32.565 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.39 %

Platelets [# /volume] in Blood by Automated count:  $314.91 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 77.15 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 19.68 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.8 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.66 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 138.19 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 5.1 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.59 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.14 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 6.1912 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.5652 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.34906 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 67.016 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 8.2655 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 39.383 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7539 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 193.71 mg/dL

Triglycerides: 123.24 mg/dL

Low Density Lipoprotein Cholesterol: 114.92 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 54.14 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.12 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.030278 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 113.87 ug/L

Iron [Mass/volume] in Serum or Plasma: 63.664 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 339.75 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 52.531 %

NT-proBNP: 1408.9 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $9.9977 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.6737 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.588 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 47.146 %

MCV [Entitic volume] by Automated count: 80.141 fL

MCH [Entitic mass] by Automated count: 32.494 pg

MCHC [Mass/volume] by Automated count: 32.339 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.383 %

Platelets [# /volume] in Blood by Automated count:  $384.55 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 67.22 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.19 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.04 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.41 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.74 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 102.12 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.9012 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9793 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.95549 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 43.282 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 12.306 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 10.106 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7548 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 167.79 mg/dL

Triglycerides: 139.09 mg/dL

Low Density Lipoprotein Cholesterol: 81.46 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 58.51 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.17 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0012697 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 57.312 ug/L

Iron [Mass/volume] in Serum or Plasma: 59.725 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 442.4 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 45.113 %

NT-proBNP: 1084.3 pg/mL

Leukocytes [# /volume] in Blood by Automated count: 6.2897 10<sup>3</sup>/uL

Erythrocytes [# /volume] in Blood by Automated count: 3.8566 10<sup>6</sup>/uL

Hemoglobin [Mass/volume] in Blood: 11.988 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.316 %

MCV [Entitic volume] by Automated count: 91.088 fL



MCH [Entitic mass] by Automated count: 30.812 pg

MCHC [Mass/volume] by Automated count: 31.91 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.134 %

Platelets [# /volume] in Blood by Automated count: 163.65 10<sup>3</sup>/uL

Glucose [Mass/volume] in Serum or Plasma: 67.22 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.19 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.04 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.41 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.74 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 102.12 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 8.1786 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3886 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.99344 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 76.449 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 22.322 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 33.568 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6711 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 167.79 mg/dL

Triglycerides: 139.09 mg/dL

Low Density Lipoprotein Cholesterol: 81.46 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 58.51 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.17 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.037724 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 61.446 ug/L

Iron [Mass/volume] in Serum or Plasma: 148.05 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 254.63 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 40.768 %

NT-proBNP: 1791.8 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $5.8003 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.0492 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.25 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 39.078 %

MCV [Entitic volume] by Automated count: 82.686 fL

MCH [Entitic mass] by Automated count: 32.188 pg

MCHC [Mass/volume] by Automated count: 32.739 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.727 %

Platelets [# /volume] in Blood by Automated count:  $181.39 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 67.22 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.19 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.04 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.41 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.74 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 102.12 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.4543 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9488 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.3438 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 97.678 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 39.479 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 1.7098 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9321 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 167.79 mg/dL

Triglycerides: 139.09 mg/dL

Low Density Lipoprotein Cholesterol: 81.46 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 58.51 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.17 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0015846 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 111.72 ug/L

Iron [Mass/volume] in Serum or Plasma: 73.805 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 256.14 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 54.56 %

NT-proBNP: 1475.6 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $4.5167 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.41 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 16.398 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 40.925 %

MCV [Entitic volume] by Automated count: 81.488 fL

MCH [Entitic mass] by Automated count: 31.829 pg

MCHC [Mass/volume] by Automated count: 33.152 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.457 %

Platelets [# /volume] in Blood by Automated count:  $183.37 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 67.22 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.19 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.04 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.41 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.74 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 102.12 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.8712 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2053 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.0495 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 51.727 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 6.166 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 10.194 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8821 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 167.79 mg/dL

Triglycerides: 139.09 mg/dL

Low Density Lipoprotein Cholesterol: 81.46 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 58.51 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.17 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.015066 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 75.333 ug/L

Iron [Mass/volume] in Serum or Plasma: 74.607 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 436.87 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 21.775 %

NT-proBNP: 439.46 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $6.4544 \times 10^3 / \mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $3.8323 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.263 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 47.101 %

MCV [Entitic volume] by Automated count: 96.717 fL

MCH [Entitic mass] by Automated count: 32.444 pg

MCHC [Mass/volume] by Automated count: 34.182 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.816 %

Platelets [# /volume] in Blood by Automated count:  $195.14 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 67.22 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.19 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.04 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.41 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.74 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 102.12 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 8.3056 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.4546 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1843 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 57.432 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 19.056 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 8.0499 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8593 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 167.79 mg/dL

Triglycerides: 139.09 mg/dL

Low Density Lipoprotein Cholesterol: 81.46 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 58.51 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.17 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.019981 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 77.126 ug/L

Iron [Mass/volume] in Serum or Plasma: 103.59 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 308.62 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 35.423 %

NT-proBNP: 1667.2 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $10.362 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.8182 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.681 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 44.025 %

MCV [Entitic volume] by Automated count: 94.234 fL

MCH [Entitic mass] by Automated count: 31.811 pg

MCHC [Mass/volume] by Automated count: 35.46 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.148 %

Platelets [# /volume] in Blood by Automated count:  $163.86 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 67.22 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.19 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.04 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.41 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.74 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 102.12 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.2033 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.916 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.96008 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 41.162 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 30.327 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 33.508 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8262 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 167.79 mg/dL

Triglycerides: 139.09 mg/dL

Low Density Lipoprotein Cholesterol: 81.46 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 58.51 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.17 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0019416 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 32.603 ug/L

Iron [Mass/volume] in Serum or Plasma: 146.59 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 397.47 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 23.591 %

NT-proBNP: 1527.7 pg/mL

Leukocytes [# /volume] in Blood by Automated count: 9.9201 10<sup>3</sup>/uL

Erythrocytes [# /volume] in Blood by Automated count: 4.3146 10<sup>6</sup>/uL

Hemoglobin [Mass/volume] in Blood: 12.978 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 37.227 %

MCV [Entitic volume] by Automated count: 91.481 fL

MCH [Entitic mass] by Automated count: 31.673 pg

MCHC [Mass/volume] by Automated count: 32.342 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.182 %

Platelets [# /volume] in Blood by Automated count: 296.8 10<sup>3</sup>/uL

Glucose [Mass/volume] in Serum or Plasma: 67.22 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.19 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.04 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.41 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.74 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 102.12 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.6189 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.1412 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.45441 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 104.82 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 27.461 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 21.562 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8002 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 167.79 mg/dL

Triglycerides: 139.09 mg/dL

Low Density Lipoprotein Cholesterol: 81.46 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 58.51 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.17 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.014501 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 75.376 ug/L

Iron [Mass/volume] in Serum or Plasma: 49.02 ug/dL



Iron binding capacity [Mass/volume] in Serum or Plasma: 349.6 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 39.133 %

NT-proBNP: 1104.1 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $4.3827 \cdot 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $3.9773 \cdot 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 16.228 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.491 %

MCV [Entitic volume] by Automated count: 95.398 fL

MCH [Entitic mass] by Automated count: 27.939 pg

MCHC [Mass/volume] by Automated count: 32.605 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.257 %

Platelets [# /volume] in Blood by Automated count:  $214.08 \cdot 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 93.29 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.47 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.64 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.95 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.17 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.36 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.61 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 20.67 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.0181 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9087 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.79729 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 48.747 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 27.512 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 12.762 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.0841 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 202.29 mg/dL

Triglycerides: 136.18 mg/dL

Low Density Lipoprotein Cholesterol: 124.71 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 50.34 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.31 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.03931 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 64.45 ug/L

Iron [Mass/volume] in Serum or Plasma: 83.89 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 312.36 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 17.366 %

NT-proBNP: 1514.8 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $8.4751 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.77 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 16.931 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 34.556 %

MCV [Entitic volume] by Automated count: 96.378 fL

MCH [Entitic mass] by Automated count: 30.616 pg

MCHC [Mass/volume] by Automated count: 32.663 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.195 %

Platelets [# /volume] in Blood by Automated count:  $169.26 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 94.89 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.53 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.69 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.1 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 142.51 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 5.1 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 105.53 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 20.7 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 6.546 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3009 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.60987 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 110.01 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 19.94 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 3.7234 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8166 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 142.59 mg/dL

Triglycerides: 146.08 mg/dL

Low Density Lipoprotein Cholesterol: 57.41 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 55.96 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.35 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.032828 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 80.314 ug/L

Iron [Mass/volume] in Serum or Plasma: 115.93 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 402.4 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 47.42 %

Left ventricular Ejection fraction: 63 %

NT-proBNP: 628.36 pg/mL

Leukocytes [# /volume] in Blood by Automated count: 6.5807 10<sup>3</sup>/uL

Erythrocytes [# /volume] in Blood by Automated count: 4.3099 10<sup>6</sup>/uL

Hemoglobin [Mass/volume] in Blood: 12.354 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.248 %

MCV [Entitic volume] by Automated count: 90.328 fL

MCH [Entitic mass] by Automated count: 32.865 pg

MCHC [Mass/volume] by Automated count: 31.709 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.053 %

Platelets [# /volume] in Blood by Automated count: 339.28  $10^3/uL$

Glucose [Mass/volume] in Serum or Plasma: 94.89 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.53 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.69 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.1 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 142.51 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 5.1 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 105.53 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 20.7 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 6.6743 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.777 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.66634 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 116.13 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 27.86 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 19.19 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9006 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 142.59 mg/dL

Triglycerides: 146.08 mg/dL

Low Density Lipoprotein Cholesterol: 57.41 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 55.96 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.35 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.025728 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 34.072 ug/L

Iron [Mass/volume] in Serum or Plasma: 147.2 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 260.54 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 31.386 %

NT-proBNP: 488.77 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $10.708 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.6219 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.999 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 41.893 %

MCV [Entitic volume] by Automated count: 87.398 fL

MCH [Entitic mass] by Automated count: 28.257 pg

MCHC [Mass/volume] by Automated count: 32 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.419 %

Platelets [# /volume] in Blood by Automated count:  $322.93 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 97.09 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 8.02 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.12 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 139.89 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.86 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 104.36 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 27.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 6.1905 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6415 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1748 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 66.807 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 26.545 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 14.704 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2885 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 184.06 mg/dL

Triglycerides: 121.3 mg/dL

Low Density Lipoprotein Cholesterol: 105.02 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 54.78 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.12 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.019525 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 79.032 ug/L

Iron [Mass/volume] in Serum or Plasma: 121.68 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 358.9 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 20.381 %

NT-proBNP: 546.22 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $4.9595 \times 10^3$  /uL

Erythrocytes [# /volume] in Blood by Automated count:  $4.3299 \times 10^6$  /uL

Hemoglobin [Mass/volume] in Blood: 17.612 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.423 %

MCV [Entitic volume] by Automated count: 92.381 fL

MCH [Entitic mass] by Automated count: 32.893 pg

MCHC [Mass/volume] by Automated count: 33.018 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.101 %

Platelets [# /volume] in Blood by Automated count: 195.48 10<sup>3</sup>/uL

Glucose [Mass/volume] in Serum or Plasma: 97.09 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 8.02 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.12 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 139.89 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.86 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 104.36 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 27.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.1834 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6757 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.86252 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 85.534 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 1.9966 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 36.353 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7431 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 184.06 mg/dL

Triglycerides: 121.3 mg/dL

Low Density Lipoprotein Cholesterol: 105.02 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 54.78 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.12 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.016373 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 58.072 ug/L

Iron [Mass/volume] in Serum or Plasma: 147.06 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 315.49 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 48.439 %

NT-proBNP: 1770.8 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $5.8526 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.0842 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 17.436 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.842 %

MCV [Entitic volume] by Automated count: 94.841 fL

MCH [Entitic mass] by Automated count: 32.107 pg

MCHC [Mass/volume] by Automated count: 33.398 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.947 %

Platelets [# /volume] in Blood by Automated count:  $419.76 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 97.09 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 8.02 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.12 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 139.89 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.86 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 104.36 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 27.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 7.2189 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.5681 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.52144 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 110.31 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 33.618 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 15.919 U/L



Magnesium [Mass/volume] in Serum or Plasma: 2.1915 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 184.06 mg/dL

Triglycerides: 121.3 mg/dL

Low Density Lipoprotein Cholesterol: 105.02 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 54.78 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.12 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0070995 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 30.581 ug/L

Iron [Mass/volume] in Serum or Plasma: 114.14 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 429.07 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 41.826 %

NT-proBNP: 815.55 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $4.5651 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.5974 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.542 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 37.347 %

MCV [Entitic volume] by Automated count: 89.967 fL

MCH [Entitic mass] by Automated count: 31.72 pg

MCHC [Mass/volume] by Automated count: 32.02 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.214 %

Platelets [# /volume] in Blood by Automated count:  $375.74 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 97.09 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 8.02 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.52 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.12 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 139.89 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.86 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 104.36 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 27.47 mmol/L

Glomerular filtration rate/1.73 sq M.predicted [Volume Rate/Area] in Serum or Plasma by Creatinine-based

Protein [Mass/volume] in Serum or Plasma: 6.5146 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6313 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.96158 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 60.696 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 43.855 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 23.725 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6557 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 184.06 mg/dL

Triglycerides: 121.3 mg/dL

Low Density Lipoprotein Cholesterol: 105.02 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 54.78 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.12 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.015424 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 66.454 ug/L

Iron [Mass/volume] in Serum or Plasma: 152.82 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 435.48 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 33.826 %