

## Blood Test Report

Patient ID: Faye439\_Jewell855\_Hettinger594\_dd229049-fc19-ddc6-4361-95123bc428bc

Leukocytes [# /volume] in Blood by Automated count:  $5.8 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.2662 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.523 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 37.535 %

MCV [Entitic volume] by Automated count: 81.352 fL

MCH [Entitic mass] by Automated count: 32.215 pg

MCHC [Mass/volume] by Automated count: 33.415 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 40.873 fL

Platelets [# /volume] in Blood by Automated count:  $270.67 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 223.87 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 12.103 fL

NT-proBNP: 1716.4 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $6.305 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $3.7924 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 16.391 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 35.658 %

MCV [Entitic volume] by Automated count: 84.458 fL

MCH [Entitic mass] by Automated count: 28.068 pg

MCHC [Mass/volume] by Automated count: 31.599 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.299 %

Platelets [# /volume] in Blood by Automated count:  $229.68 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 72.34 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.96 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.9 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 8.6 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 142.56 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 5.04 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.21 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 23.7 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: 7.3501 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2637 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.7868 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 86.569 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 38.152 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 39.275 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8754 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 157.16 mg/dL

Triglycerides: 133.56 mg/dL

Low Density Lipoprotein Cholesterol: 101.06 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 29.38 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.33 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.031475 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 89.372 ug/L

Iron [Mass/volume] in Serum or Plasma: 108.86 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 311.54 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 50.683 %

Functional capacity NYHA: None None

Objective assessment of cardiovascular disease NYHA: None None

Left ventricular Ejection fraction: 80.51 %

Glucose [Mass/volume] in Blood: 83.93 mg/dL

Urea nitrogen [Mass/volume] in Blood: 10.47 mg/dL

Creatinine [Mass/volume] in Blood: 0.9 mg/dL

Calcium [Mass/volume] in Blood: 8.58 mg/dL

Sodium [Moles/volume] in Blood: 139 mmol/L

Potassium [Moles/volume] in Blood: 5.2 mmol/L

Chloride [Moles/volume] in Blood: 110.16 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.88 mmol/L

Left ventricular Ejection fraction: 67.36 %

Glucose [Mass/volume] in Blood: 85.19 mg/dL

Urea nitrogen [Mass/volume] in Blood: 18.1 mg/dL

Creatinine [Mass/volume] in Blood: 0.91 mg/dL

Calcium [Mass/volume] in Blood: 9.36 mg/dL

Sodium [Moles/volume] in Blood: 140.34 mmol/L

Potassium [Moles/volume] in Blood: 4.21 mmol/L

Chloride [Moles/volume] in Blood: 107.16 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.95 mmol/L

Left ventricular Ejection fraction: 69.27 %

Glucose [Mass/volume] in Blood: 96.16 mg/dL

Urea nitrogen [Mass/volume] in Blood: 12.93 mg/dL

Creatinine [Mass/volume] in Blood: 0.91 mg/dL

Calcium [Mass/volume] in Blood: 9.02 mg/dL

Sodium [Moles/volume] in Blood: 140.37 mmol/L

Potassium [Moles/volume] in Blood: 4.76 mmol/L

Chloride [Moles/volume] in Blood: 106.41 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 26.02 mmol/L

Left ventricular Ejection fraction: 91.93 %

Glucose [Mass/volume] in Blood: 80.97 mg/dL

Urea nitrogen [Mass/volume] in Blood: 9.59 mg/dL

Creatinine [Mass/volume] in Blood: 0.93 mg/dL

Calcium [Mass/volume] in Blood: 8.63 mg/dL

Sodium [Moles/volume] in Blood: 136.85 mmol/L

Potassium [Moles/volume] in Blood: 4.81 mmol/L

Chloride [Moles/volume] in Blood: 103.29 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 25.25 mmol/L

Left ventricular Ejection fraction: 63.33 %

Glucose [Mass/volume] in Blood: 97.15 mg/dL

Urea nitrogen [Mass/volume] in Blood: 18.3 mg/dL

Creatinine [Mass/volume] in Blood: 0.93 mg/dL

Calcium [Mass/volume] in Blood: 8.97 mg/dL

Sodium [Moles/volume] in Blood: 139.89 mmol/L

Potassium [Moles/volume] in Blood: 3.97 mmol/L

Chloride [Moles/volume] in Blood: 109.5 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.63 mmol/L

Left ventricular Ejection fraction: 80.05 %

Glucose [Mass/volume] in Blood: 67.34 mg/dL

Urea nitrogen [Mass/volume] in Blood: 7.64 mg/dL

Creatinine [Mass/volume] in Blood: 0.94 mg/dL

Calcium [Mass/volume] in Blood: 8.63 mg/dL

Sodium [Moles/volume] in Blood: 140.77 mmol/L

Potassium [Moles/volume] in Blood: 4.36 mmol/L

Chloride [Moles/volume] in Blood: 101.71 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 20.98 mmol/L

NT-proBNP: 1227.7 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $6.882 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.5766 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 17.257 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 50.705 %

MCV [Entitic volume] by Automated count: 80.173 fL

MCH [Entitic mass] by Automated count: 30.952 pg

MCHC [Mass/volume] by Automated count: 32.634 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.959 %

Platelets [# /volume] in Blood by Automated count:  $261.98 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 99.39 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 17.04 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.6 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 141.85 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.38 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 107.69 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 27.92 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: 7.2678 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.7682 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.51101 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 67.482 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 35.085 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 3.8957 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8811 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 165.55 mg/dL

Triglycerides: 133.77 mg/dL

Low Density Lipoprotein Cholesterol: 106.5 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 32.3 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.67 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.036924 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 48.174 ug/L

Iron [Mass/volume] in Serum or Plasma: 48.555 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 328.24 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 26.762 %

Left ventricular Ejection fraction: 60.25 %

NT-proBNP: 685.39 pg/mL

Leukocytes [# /volume] in Blood by Automated count: 10.142 10<sup>3</sup>/uL

Erythrocytes [# /volume] in Blood by Automated count: 4.7833 10<sup>6</sup>/uL

Hemoglobin [Mass/volume] in Blood: 13.704 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 47.946 %

MCV [Entitic volume] by Automated count: 91.573 fL

MCH [Entitic mass] by Automated count: 28.42 pg

MCHC [Mass/volume] by Automated count: 33.981 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.189 %

Platelets [# /volume] in Blood by Automated count: 256.53 10<sup>3</sup>/uL

Glucose [Mass/volume] in Serum or Plasma: 99.39 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 17.04 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.6 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 141.85 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.38 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 107.69 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 27.92 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: 6.9606 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6594 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.50321 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 102.21 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 41.017 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 33.63 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6358 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 165.55 mg/dL

Triglycerides: 133.77 mg/dL

Low Density Lipoprotein Cholesterol: 106.5 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 32.3 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.67 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.031821 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 118.06 ug/L

Iron [Mass/volume] in Serum or Plasma: 104.06 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 376.45 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 45.654 %

Left ventricular Ejection fraction: 94.48 %

Glucose [Mass/volume] in Blood: 65.47 mg/dL

Urea nitrogen [Mass/volume] in Blood: 13.28 mg/dL

Creatinine [Mass/volume] in Blood: 0.94 mg/dL

Calcium [Mass/volume] in Blood: 9.83 mg/dL

Sodium [Moles/volume] in Blood: 143.26 mmol/L

Potassium [Moles/volume] in Blood: 4.78 mmol/L

Chloride [Moles/volume] in Blood: 102.88 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 25.3 mmol/L

Left ventricular Ejection fraction: 62.38 %

Glucose [Mass/volume] in Blood: 72.12 mg/dL

Urea nitrogen [Mass/volume] in Blood: 12.36 mg/dL

Creatinine [Mass/volume] in Blood: 0.96 mg/dL

Calcium [Mass/volume] in Blood: 9.13 mg/dL

Sodium [Moles/volume] in Blood: 143.62 mmol/L

Potassium [Moles/volume] in Blood: 3.98 mmol/L

Chloride [Moles/volume] in Blood: 105.61 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 26.53 mmol/L

NT-proBNP: 1433 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $4.4874 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.0649 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 17.444 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.472 %

MCV [Entitic volume] by Automated count: 80.834 fL

MCH [Entitic mass] by Automated count: 30.872 pg

MCHC [Mass/volume] by Automated count: 33.299 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.999 %

Platelets [# /volume] in Blood by Automated count:  $344.62 \times 10^3/\mu\text{L}$



Glucose [Mass/volume] in Serum or Plasma: 98.27 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.1 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.96 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 8.92 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.09 mmol/L

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

Chloride [Moles/volume] in Serum or Plasma: 109.39 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 23.52 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: 8.0614 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2082 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1711 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 65.328 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 32.145 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 19.704 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9907 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 167.31 mg/dL

Triglycerides: 130.11 mg/dL

Low Density Lipoprotein Cholesterol: 108.8 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 32.49 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.31 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.035624 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 71.493 ug/L

Iron [Mass/volume] in Serum or Plasma: 144.93 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 341.76 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 19.622 %

NT-proBNP: 1865.5 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $3.4357 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $3.887 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.422 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 37.231 %

MCV [Entitic volume] by Automated count: 96.972 fL

MCH [Entitic mass] by Automated count: 31.45 pg

MCHC [Mass/volume] by Automated count: 32.802 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.621 %

Platelets [# /volume] in Blood by Automated count:  $210.63 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 98.27 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.1 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.96 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 8.92 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.09 mmol/L

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

Chloride [Moles/volume] in Serum or Plasma: 109.39 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 23.52 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: 6.8767 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.0624 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.65328 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 108.62 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 13.889 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 22.695 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8154 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 167.31 mg/dL

Triglycerides: 130.11 mg/dL

Low Density Lipoprotein Cholesterol: 108.8 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 32.49 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.31 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.038674 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 112.23 ug/L

Iron [Mass/volume] in Serum or Plasma: 145.42 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 368.25 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 31.77 %

Leukocytes [# /volume] in Blood by Automated count:  $4.2859 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.1274 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.191 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.42 %

MCV [Entitic volume] by Automated count: 90.372 fL

MCH [Entitic mass] by Automated count: 29.647 pg

MCHC [Mass/volume] by Automated count: 35.062 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 42.881 fL

Platelets [# /volume] in Blood by Automated count:  $424.22 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 440.16 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 10.678 fL

Left ventricular Ejection fraction: 88.14 %

Glucose [Mass/volume] in Blood: 64.75 mg/dL

Urea nitrogen [Mass/volume] in Blood: 16.12 mg/dL

Creatinine [Mass/volume] in Blood: 0.97 mg/dL

Calcium [Mass/volume] in Blood: 9.38 mg/dL

Sodium [Moles/volume] in Blood: 142.57 mmol/L

Potassium [Moles/volume] in Blood: 4.27 mmol/L

Chloride [Moles/volume] in Blood: 106.19 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.14 mmol/L

Left ventricular Ejection fraction: 65.26 %

Glucose [Mass/volume] in Blood: 73.84 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.45 mg/dL

Creatinine [Mass/volume] in Blood: 0.97 mg/dL

Calcium [Mass/volume] in Blood: 9.43 mg/dL

Sodium [Moles/volume] in Blood: 136.19 mmol/L

Potassium [Moles/volume] in Blood: 4.98 mmol/L

Chloride [Moles/volume] in Blood: 101.43 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 27.28 mmol/L

NT-proBNP: 367.08 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $5.8902 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.6952 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.148 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 49.12 %

MCV [Entitic volume] by Automated count: 89.843 fL

MCH [Entitic mass] by Automated count: 29.555 pg

MCHC [Mass/volume] by Automated count: 32.84 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.314 %

Platelets [# /volume] in Blood by Automated count:  $383.27 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 96.85 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.84 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.98 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.24 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.86 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.78 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.39 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 23.98 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: 6.2368 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.1149 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1102 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 101.48 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 6.7113 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 14.752 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.82 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 154.18 mg/dL

Triglycerides: 127.45 mg/dL

Low Density Lipoprotein Cholesterol: 94.4 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 34.3 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.3 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.013794 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 56.89 ug/L

Iron [Mass/volume] in Serum or Plasma: 53.929 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 295.18 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 38.491 %

NT-proBNP: 380.99 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $5.6227 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.709 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 11.128 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.83 %

MCV [Entitic volume] by Automated count: 95.607 fL

MCH [Entitic mass] by Automated count: 30.449 pg

MCHC [Mass/volume] by Automated count: 31.658 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.468 %

Platelets [# /volume] in Blood by Automated count: 401.48  $10^3$ /uL

Glucose [Mass/volume] in Serum or Plasma: 96.85 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.84 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.98 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.24 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.86 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.78 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.39 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 23.98 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: 8.2729 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6531 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.0042 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 99.553 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 4.9823 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 30.973 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.088 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 154.18 mg/dL

Triglycerides: 127.45 mg/dL

Low Density Lipoprotein Cholesterol: 94.4 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 34.3 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.3 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0051101 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 34.617 ug/L

Iron [Mass/volume] in Serum or Plasma: 107.41 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 365.73 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 28.384 %

NT-proBNP: 1848.3 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $9.546 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.4892 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.201 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 35.857 %

MCV [Entitic volume] by Automated count: 91.936 fL

MCH [Entitic mass] by Automated count: 28.43 pg

MCHC [Mass/volume] by Automated count: 32.612 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.344 %

Platelets [# /volume] in Blood by Automated count:  $411.98 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 96.85 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.84 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.98 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.24 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.86 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.78 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.39 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 23.98 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: 7.1974 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.8765 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.89494 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 104.86 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 12.653 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 0.30506 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6064 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 154.18 mg/dL

Triglycerides: 127.45 mg/dL

Low Density Lipoprotein Cholesterol: 94.4 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 34.3 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.3 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.029843 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 123.71 ug/L

Iron [Mass/volume] in Serum or Plasma: 91.208 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 418.37 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 52.841 %

NT-proBNP: 1471.6 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $3.5358 \times 10^3$  /uL

Erythrocytes [# /volume] in Blood by Automated count:  $4.5113 \times 10^6$  /uL

Hemoglobin [Mass/volume] in Blood: 14.347 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 38.377 %

MCV [Entitic volume] by Automated count: 91.668 fL

MCH [Entitic mass] by Automated count: 28.476 pg

MCHC [Mass/volume] by Automated count: 34.28 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.579 %



Platelets [# /volume] in Blood by Automated count: 182.26 10<sup>3</sup>/uL

Glucose [Mass/volume] in Serum or Plasma: 96.85 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.84 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.98 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.24 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.86 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.78 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.39 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 23.98 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: 6.1542 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.5926 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.71216 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 54.032 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 36.609 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 29.78 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.992 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 154.18 mg/dL

Triglycerides: 127.45 mg/dL

Low Density Lipoprotein Cholesterol: 94.4 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 34.3 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.3 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.022453 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 81.372 ug/L

Iron [Mass/volume] in Serum or Plasma: 163.19 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 353.58 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 46.681 %

NT-proBNP: 378.97 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $10.663 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.3265 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.38 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 35.502 %

MCV [Entitic volume] by Automated count: 89.796 fL

MCH [Entitic mass] by Automated count: 31.757 pg

MCHC [Mass/volume] by Automated count: 32.07 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.181 %

Platelets [# /volume] in Blood by Automated count:  $375.26 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 96.85 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.84 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.98 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.24 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.86 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.78 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.39 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 23.98 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: 7.3007 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.8539 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.78628 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 93.672 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 42.798 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 11.066 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1492 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 154.18 mg/dL

Triglycerides: 127.45 mg/dL

Low Density Lipoprotein Cholesterol: 94.4 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 34.3 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.3 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.019695 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 55.848 ug/L

Iron [Mass/volume] in Serum or Plasma: 163.51 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 315.72 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 40.405 %

NT-proBNP: 613.55 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $7.7919 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.2605 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.927 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 38.05 %

MCV [Entitic volume] by Automated count: 96.11 fL

MCH [Entitic mass] by Automated count: 30.718 pg

MCHC [Mass/volume] by Automated count: 31.781 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.387 %

Platelets [# /volume] in Blood by Automated count:  $369.86 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 96.85 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 9.84 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.98 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.24 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.86 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.78 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.39 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 23.98 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: 6.7115 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9911 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.43988 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 66.652 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 22.58 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 28.124 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.0709 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 154.18 mg/dL

Triglycerides: 127.45 mg/dL

Low Density Lipoprotein Cholesterol: 94.4 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 34.3 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.3 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.025842 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 131.66 ug/L

Iron [Mass/volume] in Serum or Plasma: 138.08 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 292.96 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 26.408 %

NT-proBNP: 1280.2 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $10.324 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.3828 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.496 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 43.652 %

MCV [Entitic volume] by Automated count: 88.6 fL

MCH [Entitic mass] by Automated count: 32.319 pg

MCHC [Mass/volume] by Automated count: 34.738 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.771 %

Platelets [# /volume] in Blood by Automated count: 158.79 10<sup>3</sup>/uL

Glucose [Mass/volume] in Serum or Plasma: 69.83 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 15.1 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.18 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.56 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 139.17 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.04 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 102.01 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.19 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: 6.8856 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.8495 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.53269 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 59.197 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 23.685 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 28.395 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2892 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 187.44 mg/dL

Triglycerides: 124.04 mg/dL

Low Density Lipoprotein Cholesterol: 136.56 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 26.08 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.18 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0066225 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 110.03 ug/L

Iron [Mass/volume] in Serum or Plasma: 64.376 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 432.83 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 26.147 %

NT-proBNP: 1082.5 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $5.013 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $3.9423 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.671 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 43.913 %

MCV [Entitic volume] by Automated count: 93.377 fL

MCH [Entitic mass] by Automated count: 27.542 pg

MCHC [Mass/volume] by Automated count: 33.694 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.224 %

Platelets [# /volume] in Blood by Automated count:  $257.75 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 69.83 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 15.1 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.18 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.56 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 139.17 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.04 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 102.01 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.19 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: 6.5626 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.8824 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.89688 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 68.843 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 33.166 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 26.543 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1551 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 187.44 mg/dL

Triglycerides: 124.04 mg/dL

Low Density Lipoprotein Cholesterol: 136.56 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 26.08 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.18 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.018796 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 121.33 ug/L

Iron [Mass/volume] in Serum or Plasma: 72.621 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 372.27 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 41.021 %