

## Blood Test Report

Patient ID: Newton741\_Gleason633\_d7b7864e-d485-2589-0c44-615085d928ef

Leukocytes [# /volume] in Blood by Automated count:  $6.1195 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.0589 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 17.052 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 42.806 %

MCV [Entitic volume] by Automated count: 82.627 fL

MCH [Entitic mass] by Automated count: 31.9 pg

MCHC [Mass/volume] by Automated count: 33.707 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 40.82 fL

Platelets [# /volume] in Blood by Automated count:  $164.41 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 307.37 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 11.027 fL

Cholesterol [Mass/volume] in Serum or Plasma: 120.39 mg/dL

Triglycerides: 127.22 mg/dL

Low Density Lipoprotein Cholesterol: 47.5 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 47.44 mg/dL

Leukocytes [# /volume] in Blood by Automated count:  $10.76 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.3535 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 11.551 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 37.841 %

MCV [Entitic volume] by Automated count: 81.499 fL

MCH [Entitic mass] by Automated count: 30.215 pg

MCHC [Mass/volume] by Automated count: 35.6 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.491 %

Platelets [# /volume] in Blood by Automated count: 275.36  $10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 95 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 10.66 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.8994 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.63 mg/dL

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

Potassium [Moles/volume] in Serum or Plasma: 4.72 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 104.83 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.69 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: 7.2015 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.1714 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 11.789 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 45.092 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 4.2596 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 27.344 U/L

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

Phosphate [Mass/volume] in Serum or Plasma: 2.88 mg/dL

Prothrombin time (PT): 10.438 s

INR in Platelet poor plasma by Coagulation assay: 0.83905 {INR}

aPTT in Blood by Coagulation assay: 26.821 s

pH of Arterial blood: 6.885 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 41.341 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 82.438 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 25.278 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 139.01 mg/dL

Triglycerides: 113.66 mg/dL

Low Density Lipoprotein Cholesterol: 60.83 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 55.45 mg/dL

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0094514 pg/mL

Thyrotropin [Units/volume] in Serum or Plasma: 2.5028 m[IU]/L

Hemoglobin A1c/Hemoglobin.total in Blood: 5.62 %

Glucose [Presence] in Urine by Test strip: 1 {presence}

Bilirubin.total [Presence] in Urine by Test strip: 1 {presence}

Ketones [Presence] in Urine by Test strip: 1 {presence}

Specific gravity of Urine by Test strip: 1.0089 {SG}

pH of Urine by Test strip: 5.7323 [pH]

Protein [Presence] in Urine by Test strip: 1 {presence}

Nitrite [Presence] in Urine by Test strip: 1 {presence}

Hemoglobin [Presence] in Urine by Test strip: 0 {presence}

Leukocyte esterase [Presence] in Urine by Test strip: 0 {presence}

Left ventricular Ejection fraction: 42.361 %

Activated clotting time (ACT) of Blood by Coagulation assay: 125.07 s

pH of Arterial blood: 7.1744 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 43.596 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 95.575 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 23.664 mmol/L

pH of Venous blood: 7.3357 [pH]

Carbon dioxide [Partial pressure] in Venous blood: 43.708 mm[Hg]

Oxygen [Partial pressure] in Venous blood: 39.646 mm[Hg]

Bicarbonate [Moles/volume] in Venous blood: 24.167 mmol/L

Carbon dioxide, total [Moles/volume] in Venous blood: 1.6485 mmol/L

Magnesium [Mass/volume] in Serum or Plasma: 2.259 mg/dL

Leukocytes [# /volume] in Blood by Automated count: 4.1877  $10^3$ /uL

Erythrocytes [# /volume] in Blood by Automated count: 5.2836  $10^6$ /uL

Hemoglobin [Mass/volume] in Blood: 13.629 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.004 %

MCV [Entitic volume] by Automated count: 93.894 fL

MCH [Entitic mass] by Automated count: 31.043 pg

MCHC [Mass/volume] by Automated count: 31.613 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.585 %

Platelets [# /volume] in Blood by Automated count: 409.82  $10^3$ /uL

Glucose [Mass/volume] in Serum or Plasma: 98.86 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.88 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.5424 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 142.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.12 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.24 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.92 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: 6.359 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.138 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 9.0573 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 74.323 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 5.6956 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 21.514 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8623 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 4.2085 mg/dL

Prothrombin time (PT): 10.151 s

INR in Platelet poor plasma by Coagulation assay: 1.0652 {INR}

aPTT in Blood by Coagulation assay: 29.343 s

pH of Arterial blood: 7.1148 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 43.172 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 97.372 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 22.161 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 226.72 mg/dL

Triglycerides: 113.6 mg/dL

Low Density Lipoprotein Cholesterol: 144.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.32 mg/dL

Leukocytes [# /volume] in Blood by Automated count: 3.5349  $10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: 4.9161  $10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.351 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 38.003 %

MCV [Entitic volume] by Automated count: 92.293 fL

MCH [Entitic mass] by Automated count: 28.144 pg

MCHC [Mass/volume] by Automated count: 32.853 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.254 %

Platelets [# /volume] in Blood by Automated count: 152.07  $10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 98.86 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.88 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.9182 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 142.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.12 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.24 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.92 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: 7.2243 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.4626 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 9.6163 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 109.82 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 6.4109 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 23.771 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2621 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 3.8653 mg/dL

Prothrombin time (PT): 11.494 s

INR in Platelet poor plasma by Coagulation assay: 1.114 {INR}

aPTT in Blood by Coagulation assay: 28.319 s

pH of Arterial blood: 7.2917 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 44.051 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 81.335 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 22.798 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 226.72 mg/dL

Triglycerides: 113.6 mg/dL

Low Density Lipoprotein Cholesterol: 144.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.32 mg/dL

Leukocytes [# /volume] in Blood by Automated count: 4.5425 10<sup>3</sup>/uL

Erythrocytes [# /volume] in Blood by Automated count: 4.7754 10<sup>6</sup>/uL

Hemoglobin [Mass/volume] in Blood: 14.834 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.823 %

MCV [Entitic volume] by Automated count: 83.653 fL

MCH [Entitic mass] by Automated count: 30.927 pg

MCHC [Mass/volume] by Automated count: 33.088 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.821 %

Platelets [# /volume] in Blood by Automated count: 301.63  $10^3$ /uL

Glucose [Mass/volume] in Serum or Plasma: 98.86 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.88 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.7714 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 142.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.12 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.24 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.92 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: 6.4456 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3312 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 14.954 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 100.33 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 19.574 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 37.848 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2262 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 3.5187 mg/dL

Prothrombin time (PT): 10.312 s

INR in Platelet poor plasma by Coagulation assay: 1.0842 {INR}

aPTT in Blood by Coagulation assay: 35.263 s

pH of Arterial blood: 7.1481 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 44.538 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 88.266 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 26.273 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 226.72 mg/dL

Triglycerides: 113.6 mg/dL

Low Density Lipoprotein Cholesterol: 144.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.32 mg/dL

Leukocytes [# /volume] in Blood by Automated count:  $10.633 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.5171 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 16.397 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 47.642 %

MCV [Entitic volume] by Automated count: 94.787 fL

MCH [Entitic mass] by Automated count: 29.063 pg

MCHC [Mass/volume] by Automated count: 31.73 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.716 %

Platelets [# /volume] in Blood by Automated count:  $374.77 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 98.86 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.88 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.5646 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 142.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.12 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.24 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.92 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: 6.3402 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.23 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 12.047 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 79.241 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 0.24585 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 30.548 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9298 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 2.6585 mg/dL

Prothrombin time (PT): 9.5219 s

INR in Platelet poor plasma by Coagulation assay: 1.0428 {INR}

aPTT in Blood by Coagulation assay: 33.382 s

pH of Arterial blood: 7.1815 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 44.095 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 98.041 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 24.695 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 226.72 mg/dL

Triglycerides: 113.6 mg/dL

Low Density Lipoprotein Cholesterol: 144.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.32 mg/dL

Leukocytes [# /volume] in Blood by Automated count:  $6.9872 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.9197 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.115 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 45.545 %

MCV [Entitic volume] by Automated count: 96.692 fL

MCH [Entitic mass] by Automated count: 32.439 pg

MCHC [Mass/volume] by Automated count: 35.381 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.586 %

Platelets [# /volume] in Blood by Automated count: 394.73  $10^3$ /uL

Glucose [Mass/volume] in Serum or Plasma: 98.86 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.88 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.5804 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 142.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.12 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.24 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.92 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: 8.1318 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.306 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 10.325 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 77.852 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 37.44 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 13.559 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7309 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 3.5253 mg/dL

Prothrombin time (PT): 11.639 s

INR in Platelet poor plasma by Coagulation assay: 0.83559 {INR}

aPTT in Blood by Coagulation assay: 28.879 s

pH of Arterial blood: 7.233 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 40.725 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 86.061 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 26.062 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 226.72 mg/dL

Triglycerides: 113.6 mg/dL

Low Density Lipoprotein Cholesterol: 144.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.32 mg/dL

Leukocytes [# /volume] in Blood by Automated count:  $6.1822 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.1814 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 17.141 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.675 %

MCV [Entitic volume] by Automated count: 92.489 fL

MCH [Entitic mass] by Automated count: 29.368 pg

MCHC [Mass/volume] by Automated count: 34.793 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.621 %

Platelets [# /volume] in Blood by Automated count:  $230.97 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 98.86 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.88 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.5317 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 142.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.12 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.24 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.92 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: 8.1966 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.4933 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 7.5057 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 66.46 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 2.046 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 26.546 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.645 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 3.4317 mg/dL

Prothrombin time (PT): 9.947 s

INR in Platelet poor plasma by Coagulation assay: 1.0405 {INR}

aPTT in Blood by Coagulation assay: 37.306 s

pH of Arterial blood: 6.9516 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 44.974 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 97.757 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 23.871 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 226.72 mg/dL

Triglycerides: 113.6 mg/dL

Low Density Lipoprotein Cholesterol: 144.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.32 mg/dL

Leukocytes [# /volume] in Blood by Automated count:  $7.651 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.7806 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.702 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 47.707 %

MCV [Entitic volume] by Automated count: 92.443 fL

MCH [Entitic mass] by Automated count: 30.837 pg

MCHC [Mass/volume] by Automated count: 34.443 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.18 %

Platelets [# /volume] in Blood by Automated count:  $325.33 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 98.86 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.88 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.6685 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 142.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.12 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.24 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.92 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: 7.2854 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2355 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 13.905 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 111.37 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 13.379 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 5.1314 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7141 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 3.2167 mg/dL

Prothrombin time (PT): 11.168 s

INR in Platelet poor plasma by Coagulation assay: 0.89904 {INR}

aPTT in Blood by Coagulation assay: 27.76 s

pH of Arterial blood: 6.8021 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 37.439 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 86.341 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 26.499 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 226.72 mg/dL

Triglycerides: 113.6 mg/dL

Low Density Lipoprotein Cholesterol: 144.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.32 mg/dL

Leukocytes [# /volume] in Blood by Automated count:  $10.63 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.738 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.83 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.435 %

MCV [Entitic volume] by Automated count: 85.153 fL

MCH [Entitic mass] by Automated count: 30.508 pg

MCHC [Mass/volume] by Automated count: 35.056 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.517 %

Platelets [# /volume] in Blood by Automated count:  $153.89 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 98.86 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.88 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.6976 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 142.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.12 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.24 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.92 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: 6.5437 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.494 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 14.148 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 54.481 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 16.47 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 16.035 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1525 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 2.7446 mg/dL

Prothrombin time (PT): 9.9593 s

INR in Platelet poor plasma by Coagulation assay: 0.92438 {INR}

aPTT in Blood by Coagulation assay: 28.644 s

pH of Arterial blood: 6.9844 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 42.491 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 88.971 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 24.898 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 226.72 mg/dL

Triglycerides: 113.6 mg/dL

Low Density Lipoprotein Cholesterol: 144.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.32 mg/dL

Leukocytes [# /volume] in Blood by Automated count:  $8.7338 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.0845 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.219 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 43.125 %

MCV [Entitic volume] by Automated count: 95.951 fL

MCH [Entitic mass] by Automated count: 32.427 pg

MCHC [Mass/volume] by Automated count: 32.752 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.552 %

Platelets [# /volume] in Blood by Automated count:  $282.52 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 98.86 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.88 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.8737 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 142.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.12 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.24 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.92 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: 7.6825 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9413 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 7.4971 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 47.225 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 0.14506 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 10.01 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2919 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 4.3024 mg/dL

Prothrombin time (PT): 10.549 s

INR in Platelet poor plasma by Coagulation assay: 0.96392 {INR}

aPTT in Blood by Coagulation assay: 37.887 s

pH of Arterial blood: 6.9695 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 40.62 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 95.478 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 25.281 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 226.72 mg/dL

Triglycerides: 113.6 mg/dL

Low Density Lipoprotein Cholesterol: 144.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.32 mg/dL

Leukocytes [# /volume] in Blood by Automated count: 5.4965 10<sup>3</sup>/uL

Erythrocytes [# /volume] in Blood by Automated count: 5.3481 10<sup>6</sup>/uL

Hemoglobin [Mass/volume] in Blood: 12.943 g/dL



Hematocrit [Volume Fraction] of Blood by Automated count: 35.624 %

MCV [Entitic volume] by Automated count: 82.774 fL

MCH [Entitic mass] by Automated count: 27.666 pg

MCHC [Mass/volume] by Automated count: 35.17 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.24 %

Platelets [# /volume] in Blood by Automated count: 392.63  $10^3$ /uL

Glucose [Mass/volume] in Serum or Plasma: 98.86 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.88 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.9982 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 142.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.12 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.24 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.92 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: 7.7483 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.7556 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 13.76 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 77.965 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 5.8207 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 19.665 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1791 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 3.478 mg/dL

Prothrombin time (PT): 9.6522 s

INR in Platelet poor plasma by Coagulation assay: 0.97128 {INR}

aPTT in Blood by Coagulation assay: 39.779 s

pH of Arterial blood: 7.1002 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 37.862 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 94.454 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 24.83 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 226.72 mg/dL

Triglycerides: 113.6 mg/dL

Low Density Lipoprotein Cholesterol: 144.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.32 mg/dL

NT-proBNP: 1194.6 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $10.019 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.5604 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.598 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 49.833 %

MCV [Entitic volume] by Automated count: 79.065 fL

MCH [Entitic mass] by Automated count: 27.583 pg

MCHC [Mass/volume] by Automated count: 31.565 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.437 %

Platelets [# /volume] in Blood by Automated count:  $359.16 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 76.5 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 10.34 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.85 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 136.11 mmol/L

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

Chloride [Moles/volume] in Serum or Plasma: 106.99 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.61 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: 7.4039 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.5845 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.40783 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 85.183 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 33.431 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 22.043 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7923 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 178.63 mg/dL

Triglycerides: 117.89 mg/dL

Low Density Lipoprotein Cholesterol: 105.68 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 49.37 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.02 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.016777 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 116.11 ug/L

Iron [Mass/volume] in Serum or Plasma: 41.787 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 438.52 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 44.457 %

Functional capacity NYHA: None None

Objective assessment of cardiovascular disease NYHA: None None

Left ventricular Ejection fraction: 95.17 %

Glucose [Mass/volume] in Blood: 85.87 mg/dL

Urea nitrogen [Mass/volume] in Blood: 18.56 mg/dL

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

Calcium [Mass/volume] in Blood: 8.64 mg/dL

Sodium [Moles/volume] in Blood: 141.43 mmol/L

Potassium [Moles/volume] in Blood: 4.77 mmol/L

Chloride [Moles/volume] in Blood: 108.56 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.18 mmol/L

Left ventricular Ejection fraction: 90.54 %

Glucose [Mass/volume] in Blood: 66.36 mg/dL

Urea nitrogen [Mass/volume] in Blood: 11.94 mg/dL

Creatinine [Mass/volume] in Blood: 1.08 mg/dL

Calcium [Mass/volume] in Blood: 8.57 mg/dL

Sodium [Moles/volume] in Blood: 140.29 mmol/L

Potassium [Moles/volume] in Blood: 4.8 mmol/L

Chloride [Moles/volume] in Blood: 103.35 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.78 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 128.65 mg/dL

Triglycerides: 113.94 mg/dL

Low Density Lipoprotein Cholesterol: 50.41 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 55.45 mg/dL

Leukocytes [# /volume] in Blood by Automated count:  $7.6476 \cdot 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.0456 \cdot 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.875 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 35.049 %

MCV [Entitic volume] by Automated count: 91.555 fL

MCH [Entitic mass] by Automated count: 27.34 pg

MCHC [Mass/volume] by Automated count: 35.282 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 42.051 fL

Platelets [# /volume] in Blood by Automated count:  $256.66 \cdot 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 508.09 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 12.128 fL

Left ventricular Ejection fraction: 64.58 %

Glucose [Mass/volume] in Blood: 95.5 mg/dL

Urea nitrogen [Mass/volume] in Blood: 13.27 mg/dL

Creatinine [Mass/volume] in Blood: 0.83 mg/dL

Calcium [Mass/volume] in Blood: 8.79 mg/dL

Sodium [Moles/volume] in Blood: 142.16 mmol/L

Potassium [Moles/volume] in Blood: 4.68 mmol/L

Chloride [Moles/volume] in Blood: 105.2 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.17 mmol/L

Left ventricular Ejection fraction: 51.1 %

Glucose [Mass/volume] in Blood: 84.54 mg/dL

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

Creatinine [Mass/volume] in Blood: 0.82 mg/dL

Calcium [Mass/volume] in Blood: 9.12 mg/dL

Sodium [Moles/volume] in Blood: 143.95 mmol/L

Potassium [Moles/volume] in Blood: 4.26 mmol/L

Chloride [Moles/volume] in Blood: 102.53 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.53 mmol/L

NT-proBNP: 1537.8 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $7.5183 \cdot 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.0801 \cdot 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 17.465 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.431 %

MCV [Entitic volume] by Automated count: 80.12 fL

MCH [Entitic mass] by Automated count: 28.465 pg

MCHC [Mass/volume] by Automated count: 32.807 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.341 %

Platelets [# /volume] in Blood by Automated count: 325.93  $10^3$ /uL

Glucose [Mass/volume] in Serum or Plasma: 66.16 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.35 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.82 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.7 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.83 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.07 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.86 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.19 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: 6.9644 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.7589 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.46455 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 108.33 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 42.554 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 4.0652 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.0573 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 168.75 mg/dL

Triglycerides: 101.86 mg/dL

Low Density Lipoprotein Cholesterol: 82.54 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 65.83 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.23 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.007452 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 124.62 ug/L

Iron [Mass/volume] in Serum or Plasma: 35.098 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 348.61 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 41.756 %

NT-proBNP: 830.62 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $5.9862 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $3.9 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.949 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 34.431 %

MCV [Entitic volume] by Automated count: 83.099 fL

MCH [Entitic mass] by Automated count: 28.43 pg

MCHC [Mass/volume] by Automated count: 34.511 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.613 %

Platelets [# /volume] in Blood by Automated count:  $150.28 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 66.16 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.35 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.82 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.7 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.83 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.07 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.86 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.19 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: 8.0136 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2397 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.85443 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 64.673 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 29.121 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 24.032 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8064 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 168.75 mg/dL

Triglycerides: 101.86 mg/dL

Low Density Lipoprotein Cholesterol: 82.54 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 65.83 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.23 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.036392 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 69.042 ug/L

Iron [Mass/volume] in Serum or Plasma: 106.02 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 286.15 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 23.943 %

NT-proBNP: 641.57 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $7.3275 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.6916 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.989 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 38.562 %

MCV [Entitic volume] by Automated count: 79.449 fL

MCH [Entitic mass] by Automated count: 30.309 pg

MCHC [Mass/volume] by Automated count: 35.282 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.921 %

Platelets [# /volume] in Blood by Automated count:  $304.83 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 66.16 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.35 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.82 mg/dL



Calcium [Mass/volume] in Serum or Plasma: 9.7 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.83 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.07 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.86 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.19 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: 7.1196 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.4099 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.36452 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 115.92 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 16.586 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 20.859 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9545 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 168.75 mg/dL

Triglycerides: 101.86 mg/dL

Low Density Lipoprotein Cholesterol: 82.54 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 65.83 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.23 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.03016 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 119.55 ug/L

Iron [Mass/volume] in Serum or Plasma: 79.384 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 440.43 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 25.516 %

NT-proBNP: 356.42 pg/mL

Leukocytes [# /volume] in Blood by Automated count: 10.473 10<sup>3</sup>/uL

Erythrocytes [# /volume] in Blood by Automated count: 5.3337 10<sup>6</sup>/uL

Hemoglobin [Mass/volume] in Blood: 14.132 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 37.442 %

MCV [Entitic volume] by Automated count: 94.684 fL

MCH [Entitic mass] by Automated count: 30.721 pg

MCHC [Mass/volume] by Automated count: 32.761 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.019 %

Platelets [# /volume] in Blood by Automated count: 350.92  $10^3/uL$

Glucose [Mass/volume] in Serum or Plasma: 66.16 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.35 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.82 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.7 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.83 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.07 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.86 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.19 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: 7.2199 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2745 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.0807 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 63.59 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 37.951 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 28.311 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9959 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 168.75 mg/dL

Triglycerides: 101.86 mg/dL

Low Density Lipoprotein Cholesterol: 82.54 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 65.83 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.23 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.020334 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 87.725 ug/L

Iron [Mass/volume] in Serum or Plasma: 39.816 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 259.82 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 30.097 %

NT-proBNP: 553.45 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $6.4058 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $3.9077 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 11.483 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 41.006 %

MCV [Entitic volume] by Automated count: 90.672 fL

MCH [Entitic mass] by Automated count: 30.505 pg

MCHC [Mass/volume] by Automated count: 34.95 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.475 %

Platelets [# /volume] in Blood by Automated count:  $402.75 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 66.16 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.35 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.82 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.7 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.83 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.07 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.86 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.19 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: 6.9145 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3611 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.39643 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 101.31 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 21.067 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 28.462 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7342 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 168.75 mg/dL

Triglycerides: 101.86 mg/dL

Low Density Lipoprotein Cholesterol: 82.54 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 65.83 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.23 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0013046 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 60.167 ug/L

Iron [Mass/volume] in Serum or Plasma: 45.714 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 357.91 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 47.684 %

NT-proBNP: 948.88 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $10.25 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.3074 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.65 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 41.988 %

MCV [Entitic volume] by Automated count: 91.971 fL

MCH [Entitic mass] by Automated count: 30.035 pg

MCHC [Mass/volume] by Automated count: 32.318 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.848 %

Platelets [# /volume] in Blood by Automated count: 249.03 10<sup>3</sup>/uL

Glucose [Mass/volume] in Serum or Plasma: 66.16 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.35 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.82 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.7 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.83 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.07 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.86 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.19 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: 6.9532 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3783 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1523 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 113.7 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 18.793 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 34.117 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2765 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 168.75 mg/dL

Triglycerides: 101.86 mg/dL

Low Density Lipoprotein Cholesterol: 82.54 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 65.83 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.23 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0026335 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 57.232 ug/L

Iron [Mass/volume] in Serum or Plasma: 111.91 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 425.18 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 39.853 %

NT-proBNP: 703.68 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $7.6895 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.5992 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.936 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 38.211 %

MCV [Entitic volume] by Automated count: 90.906 fL

MCH [Entitic mass] by Automated count: 27.073 pg

MCHC [Mass/volume] by Automated count: 33.946 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.281 %

Platelets [# /volume] in Blood by Automated count:  $290.5 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 88.87 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.73 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.97 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.18 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.59 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.54 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.75 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: 8.3214 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6072 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.67982 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 56.034 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 6.8138 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 12.699 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1658 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 199.95 mg/dL

Triglycerides: 117.78 mg/dL

Low Density Lipoprotein Cholesterol: 123.01 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 53.38 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.08 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.02206 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 127.31 ug/L

Iron [Mass/volume] in Serum or Plasma: 99.281 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 442.74 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 31.999 %

NT-proBNP: 313.45 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $6.7632 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.2345 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 11.289 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 35.662 %

MCV [Entitic volume] by Automated count: 89.435 fL

MCH [Entitic mass] by Automated count: 27.812 pg

MCHC [Mass/volume] by Automated count: 35.025 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.503 %

Platelets [# /volume] in Blood by Automated count:  $433.67 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 88.87 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.73 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.97 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.18 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.59 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.54 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.75 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: 6.5164 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6485 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.0353 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 116.68 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 13.454 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 24.79 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6798 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 199.95 mg/dL

Triglycerides: 117.78 mg/dL

Low Density Lipoprotein Cholesterol: 123.01 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 53.38 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.08 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.027268 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 113.48 ug/L

Iron [Mass/volume] in Serum or Plasma: 126.63 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 271.29 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 23.729 %

NT-proBNP: 1405.2 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $8.9614 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $5.7825 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 11.677 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 40.077 %



MCV [Entitic volume] by Automated count: 88.418 fL

MCH [Entitic mass] by Automated count: 31.402 pg

MCHC [Mass/volume] by Automated count: 33.388 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.036 %

Platelets [# /volume] in Blood by Automated count: 151.96 10<sup>3</sup>/uL

Glucose [Mass/volume] in Serum or Plasma: 88.87 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.73 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.97 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.18 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.15 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.59 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 109.54 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.75 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: 8.4098 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.0339 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.68852 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 77.569 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 25.705 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 26.037 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8211 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 199.95 mg/dL

Triglycerides: 117.78 mg/dL

Low Density Lipoprotein Cholesterol: 123.01 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 53.38 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.08 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.03773 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 98.832 ug/L

Iron [Mass/volume] in Serum or Plasma: 139.06 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 324.89 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 16.39 %

Left ventricular Ejection fraction: 64.93 %

Glucose [Mass/volume] in Blood: 79.69 mg/dL

Urea nitrogen [Mass/volume] in Blood: 17.72 mg/dL

Creatinine [Mass/volume] in Blood: 0.81 mg/dL

Calcium [Mass/volume] in Blood: 8.83 mg/dL

Sodium [Moles/volume] in Blood: 140.56 mmol/L

Potassium [Moles/volume] in Blood: 4.99 mmol/L

Chloride [Moles/volume] in Blood: 102.25 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.66 mmol/L

Left ventricular Ejection fraction: 52.97 %

Glucose [Mass/volume] in Blood: 72.11 mg/dL

Urea nitrogen [Mass/volume] in Blood: 16.58 mg/dL

Creatinine [Mass/volume] in Blood: 0.81 mg/dL

Calcium [Mass/volume] in Blood: 10.1 mg/dL

Sodium [Moles/volume] in Blood: 137.7 mmol/L

Potassium [Moles/volume] in Blood: 4.71 mmol/L

Chloride [Moles/volume] in Blood: 109.82 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.25 mmol/L

Left ventricular Ejection fraction: 51.5 %

Glucose [Mass/volume] in Blood: 64.25 mg/dL

Urea nitrogen [Mass/volume] in Blood: 9.21 mg/dL

Creatinine [Mass/volume] in Blood: 0.8 mg/dL

Calcium [Mass/volume] in Blood: 8.67 mg/dL

Sodium [Moles/volume] in Blood: 141.76 mmol/L

Potassium [Moles/volume] in Blood: 4.3 mmol/L

Chloride [Moles/volume] in Blood: 107.49 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.07 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 198.7 mg/dL

Triglycerides: 122.03 mg/dL

Low Density Lipoprotein Cholesterol: 112.85 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 61.44 mg/dL

NT-proBNP: 609.87 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $8.8702 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.9976 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 15.893 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 46.867 %

MCV [Entitic volume] by Automated count: 95.72 fL

MCH [Entitic mass] by Automated count: 30.839 pg

MCHC [Mass/volume] by Automated count: 32.271 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.79 %

Platelets [# /volume] in Blood by Automated count:  $202.92 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 78.26 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.82 mg/dL

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

Calcium [Mass/volume] in Serum or Plasma: 10.05 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.58 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.83 mmol/L

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

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.87 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: 6.4032 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2081 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.78499 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 51.094 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 22.401 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 20.9 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1938 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 152.02 mg/dL

Triglycerides: 132.25 mg/dL

Low Density Lipoprotein Cholesterol: 65.12 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 60.46 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.34 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0011784 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 97.437 ug/L

Iron [Mass/volume] in Serum or Plasma: 123.52 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 385.73 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 52.183 %

NT-proBNP: 1102.8 pg/mL

Leukocytes [# /volume] in Blood by Automated count: 6.3445 10<sup>3</sup>/uL

Erythrocytes [# /volume] in Blood by Automated count: 4.4574 10<sup>6</sup>/uL

Hemoglobin [Mass/volume] in Blood: 17.362 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 37.362 %

MCV [Entitic volume] by Automated count: 85.415 fL

MCH [Entitic mass] by Automated count: 28.039 pg

MCHC [Mass/volume] by Automated count: 35.424 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.949 %

Platelets [# /volume] in Blood by Automated count: 304.18  $10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 78.26 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.82 mg/dL

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

Calcium [Mass/volume] in Serum or Plasma: 10.05 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.58 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.83 mmol/L

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

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.87 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: 6.3643 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.1022 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.66448 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 42.88 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 3.508 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 6.9646 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1131 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 152.02 mg/dL

Triglycerides: 132.25 mg/dL

Low Density Lipoprotein Cholesterol: 65.12 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 60.46 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.34 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.013261 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 47.782 ug/L

Iron [Mass/volume] in Serum or Plasma: 114.76 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 393.87 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 22.714 %

NT-proBNP: 1904.3 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $4.0311 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $3.8605 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.349 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 39.296 %

MCV [Entitic volume] by Automated count: 82.271 fL

MCH [Entitic mass] by Automated count: 29.749 pg

MCHC [Mass/volume] by Automated count: 32.171 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.729 %

Platelets [# /volume] in Blood by Automated count:  $401.44 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 78.26 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.82 mg/dL

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

Calcium [Mass/volume] in Serum or Plasma: 10.05 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.58 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.83 mmol/L

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

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.87 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: 6.5892 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.1198 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.56573 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 67.21 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 4.2921 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 31.928 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2603 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 152.02 mg/dL

Triglycerides: 132.25 mg/dL

Low Density Lipoprotein Cholesterol: 65.12 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 60.46 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.34 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.039369 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 45.398 ug/L

Iron [Mass/volume] in Serum or Plasma: 156.96 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 418.57 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 19.726 %

NT-proBNP: 1229.3 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $7.7467 \times 10^3$ /uL

Erythrocytes [# /volume] in Blood by Automated count:  $5.4649 \times 10^6$ /uL

Hemoglobin [Mass/volume] in Blood: 16.807 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.152 %

MCV [Entitic volume] by Automated count: 87.093 fL

MCH [Entitic mass] by Automated count: 30.722 pg

MCHC [Mass/volume] by Automated count: 35.116 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.099 %

Platelets [# /volume] in Blood by Automated count:  $436.74 \times 10^3$ /uL

Glucose [Mass/volume] in Serum or Plasma: 78.26 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.82 mg/dL

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

Calcium [Mass/volume] in Serum or Plasma: 10.05 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.58 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.83 mmol/L

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

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.87 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: 6.0897 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3486 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.8405 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 101.1 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 28.224 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 13.5 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2964 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 152.02 mg/dL

Triglycerides: 132.25 mg/dL

Low Density Lipoprotein Cholesterol: 65.12 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 60.46 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.34 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.010219 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 47.849 ug/L

Iron [Mass/volume] in Serum or Plasma: 144.68 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 268.73 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 34.795 %

NT-proBNP: 1695.9 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $4.5336 \times 10^3/\mu\text{L}$



Erythrocytes [# /volume] in Blood by Automated count:  $5.5082 \times 10^6 / \mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.431 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 37.193 %

MCV [Entitic volume] by Automated count: 79.025 fL

MCH [Entitic mass] by Automated count: 28.521 pg

MCHC [Mass/volume] by Automated count: 34.763 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.956 %

Platelets [# /volume] in Blood by Automated count:  $313.57 \times 10^3 / \mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 78.26 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.82 mg/dL

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

Calcium [Mass/volume] in Serum or Plasma: 10.05 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.58 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.83 mmol/L

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

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 22.87 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: 7.1229 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.7154 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.67316 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 114.73 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 22.186 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 35.551 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2119 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 152.02 mg/dL

Triglycerides: 132.25 mg/dL

Low Density Lipoprotein Cholesterol: 65.12 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 60.46 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.34 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.00022817 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 32.282 ug/L

Iron [Mass/volume] in Serum or Plasma: 63.455 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 371.64 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 23.874 %

Left ventricular Ejection fraction: 54.68 %

Glucose [Mass/volume] in Blood: 97.29 mg/dL

Urea nitrogen [Mass/volume] in Blood: 14.29 mg/dL

Creatinine [Mass/volume] in Blood: 0.8 mg/dL

Calcium [Mass/volume] in Blood: 9.96 mg/dL

Sodium [Moles/volume] in Blood: 139.99 mmol/L

Potassium [Moles/volume] in Blood: 4.54 mmol/L

Chloride [Moles/volume] in Blood: 103.27 mmol/L

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

Left ventricular Ejection fraction: 86.65 %

Glucose [Mass/volume] in Blood: 81.68 mg/dL

Urea nitrogen [Mass/volume] in Blood: 8.19 mg/dL

Creatinine [Mass/volume] in Blood: 0.78 mg/dL

Calcium [Mass/volume] in Blood: 9.2 mg/dL

Sodium [Moles/volume] in Blood: 143.43 mmol/L

Potassium [Moles/volume] in Blood: 3.78 mmol/L

Chloride [Moles/volume] in Blood: 101.22 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.09 mmol/L

NT-proBNP: 1743.2 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $6.1091 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count:  $4.6238 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.537 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 39.615 %

MCV [Entitic volume] by Automated count: 95.96 fL

MCH [Entitic mass] by Automated count: 30.609 pg

MCHC [Mass/volume] by Automated count: 33.795 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.349 %

Platelets [# /volume] in Blood by Automated count:  $416.07 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 72.91 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 11.48 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.77 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.92 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 141.34 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.32 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.35 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.2 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: 7.5115 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.136 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.83644 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 70.25 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 14.194 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 11.136 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6752 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 204.43 mg/dL

Triglycerides: 128.2 mg/dL

Low Density Lipoprotein Cholesterol: 121.1 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 57.69 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.14 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0036057 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 38.384 ug/L

Iron [Mass/volume] in Serum or Plasma: 143.62 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 290.59 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 28.899 %

NT-proBNP: 1495.9 pg/mL

Leukocytes [# /volume] in Blood by Automated count:  $9.281 \times 10^3$ /uL

Erythrocytes [# /volume] in Blood by Automated count:  $4.6638 \times 10^6$ /uL

Hemoglobin [Mass/volume] in Blood: 13.559 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.154 %

MCV [Entitic volume] by Automated count: 96.845 fL

MCH [Entitic mass] by Automated count: 30.431 pg

MCHC [Mass/volume] by Automated count: 34.578 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.866 %

Platelets [# /volume] in Blood by Automated count:  $262.66 \times 10^3$ /uL

Glucose [Mass/volume] in Serum or Plasma: 72.91 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 11.48 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.77 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.92 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 141.34 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.32 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.35 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.2 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: 7.5472 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.619 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.3535 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 112.64 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 38.228 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 28.017 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.0908 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 204.43 mg/dL

Triglycerides: 128.2 mg/dL

Low Density Lipoprotein Cholesterol: 121.1 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 57.69 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.14 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0097788 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 71.514 ug/L

Iron [Mass/volume] in Serum or Plasma: 106.34 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 374.32 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 18.938 %