

Blood Test Report

Patient ID: Elena945_Sade71_Cummerata161_9d6eec1a-1b21-1ac1-bd0c-67797bd20d38

Glucose [Mass/volume] in Blood: 64.95 mg/dL

Urea nitrogen [Mass/volume] in Blood: 7.29 mg/dL

Creatinine [Mass/volume] in Blood: 2.9079 mg/dL

Calcium [Mass/volume] in Blood: 9.82 mg/dL

Sodium [Moles/volume] in Blood: 136.18 mmol/L

Potassium [Moles/volume] in Blood: 5.16 mmol/L

Chloride [Moles/volume] in Blood: 105.48 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.89 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: 6.1197 g/dL

Albumin [Mass/volume] in Serum or Plasma: 5.331 g/dL

Globulin [Mass/volume] in Serum by calculation: 3.2119 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.10095 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 84.121 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 36.313 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 39.833 U/L

Cholesterol [Mass/volume] in Serum or Plasma: 172.47 mg/dL

Triglycerides: 155.85 mg/dL

Low Density Lipoprotein Cholesterol: 96.147 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 31.681 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.99 %

Glucose [Mass/volume] in Blood: 86.15 mg/dL

Urea nitrogen [Mass/volume] in Blood: 9.92 mg/dL

Creatinine [Mass/volume] in Blood: 0.95 mg/dL

Calcium [Mass/volume] in Blood: 9.69 mg/dL

Sodium [Moles/volume] in Blood: 140.61 mmol/L

Potassium [Moles/volume] in Blood: 4.44 mmol/L

Chloride [Moles/volume] in Blood: 110.98 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.16 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 272.01 mg/dL

Triglycerides: 129.44 mg/dL

Low Density Lipoprotein Cholesterol: 191.86 mg/dL

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

Glucose [Mass/volume] in Blood: 73.44 mg/dL

Urea nitrogen [Mass/volume] in Blood: 16.89 mg/dL

Creatinine [Mass/volume] in Blood: 3.2777 mg/dL

Calcium [Mass/volume] in Blood: 9.94 mg/dL

Sodium [Moles/volume] in Blood: 139.37 mmol/L

Potassium [Moles/volume] in Blood: 3.91 mmol/L

Chloride [Moles/volume] in Blood: 108.07 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.41 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: 7.3391 g/dL

Albumin [Mass/volume] in Serum or Plasma: 5.3518 g/dL

Globulin [Mass/volume] in Serum by calculation: 3.2396 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.0903 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 113.93 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 29.737 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 13.85 U/L

Cholesterol [Mass/volume] in Serum or Plasma: 159.35 mg/dL

Triglycerides: 154.81 mg/dL

Low Density Lipoprotein Cholesterol: 118.82 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 47.91 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.92 %

Glucose [Mass/volume] in Blood: 75.18 mg/dL

Urea nitrogen [Mass/volume] in Blood: 9.19 mg/dL

Creatinine [Mass/volume] in Blood: 0.79 mg/dL

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

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

Potassium [Moles/volume] in Blood: 3.94 mmol/L

Chloride [Moles/volume] in Blood: 103.22 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.08 mmol/L

Glucose [Mass/volume] in Blood: 65.67 mg/dL

Urea nitrogen [Mass/volume] in Blood: 12.12 mg/dL

Creatinine [Mass/volume] in Blood: 2.9582 mg/dL

Calcium [Mass/volume] in Blood: 8.52 mg/dL

Sodium [Moles/volume] in Blood: 141.19 mmol/L

Potassium [Moles/volume] in Blood: 4.22 mmol/L

Chloride [Moles/volume] in Blood: 109.7 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.29 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: 6.0209 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.4708 g/dL

Globulin [Mass/volume] in Serum by calculation: 2.9419 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.52046 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 86.424 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 37.517 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 26.55 U/L

Cholesterol [Mass/volume] in Serum or Plasma: 202.18 mg/dL

Triglycerides: 161.75 mg/dL

Low Density Lipoprotein Cholesterol: 115.68 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 48.485 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 6.28 %

Glucose [Mass/volume] in Blood: 77.31 mg/dL

Urea nitrogen [Mass/volume] in Blood: 16.8 mg/dL

Creatinine [Mass/volume] in Blood: 1.09 mg/dL

Calcium [Mass/volume] in Blood: 8.51 mg/dL

Sodium [Moles/volume] in Blood: 141.74 mmol/L

Potassium [Moles/volume] in Blood: 4.94 mmol/L

Chloride [Moles/volume] in Blood: 102.65 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.45 mmol/L

Glucose [Mass/volume] in Blood: 72.67 mg/dL

Urea nitrogen [Mass/volume] in Blood: 14.59 mg/dL

Creatinine [Mass/volume] in Blood: 2.873 mg/dL

Calcium [Mass/volume] in Blood: 9.37 mg/dL

Sodium [Moles/volume] in Blood: 140.13 mmol/L

Potassium [Moles/volume] in Blood: 4.16 mmol/L

Chloride [Moles/volume] in Blood: 110.09 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.57 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: 6.5814 g/dL

Albumin [Mass/volume] in Serum or Plasma: 3.9436 g/dL

Globulin [Mass/volume] in Serum by calculation: 2.9144 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.34132 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 119.18 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 49.062 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 12.361 U/L

Cholesterol [Mass/volume] in Serum or Plasma: 187.65 mg/dL

Triglycerides: 182.79 mg/dL

Low Density Lipoprotein Cholesterol: 119.02 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 60.756 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.97 %

Glucose [Mass/volume] in Blood: 96.6 mg/dL

Urea nitrogen [Mass/volume] in Blood: 9.57 mg/dL

Creatinine [Mass/volume] in Blood: 0.76 mg/dL

Calcium [Mass/volume] in Blood: 8.6 mg/dL

Sodium [Moles/volume] in Blood: 140.17 mmol/L

Potassium [Moles/volume] in Blood: 4.1 mmol/L

Chloride [Moles/volume] in Blood: 106.98 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 27.84 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 267.81 mg/dL

Triglycerides: 117.1 mg/dL

Low Density Lipoprotein Cholesterol: 188.4 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 55.99 mg/dL

Leukocytes [# /volume] in Blood by Automated count: $7.8881 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $3.903 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 16.563 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 40.342 %

MCV [Entitic volume] by Automated count: 88.703 fL

MCH [Entitic mass] by Automated count: 29.306 pg

MCHC [Mass/volume] by Automated count: 33.468 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 41.152 fL

Platelets [# /volume] in Blood by Automated count: 373.05 10^3 /uL

Platelet distribution width [Entitic volume] in Blood by Automated count: 270.17 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 12.161 fL

Glucose [Mass/volume] in Blood: 90.57 mg/dL

Urea nitrogen [Mass/volume] in Blood: 14.34 mg/dL

Creatinine [Mass/volume] in Blood: 3.3667 mg/dL

Calcium [Mass/volume] in Blood: 9.94 mg/dL

Sodium [Moles/volume] in Blood: 136.93 mmol/L

Potassium [Moles/volume] in Blood: 4.91 mmol/L

Chloride [Moles/volume] in Blood: 105.22 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.42 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: 7.8191 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.8547 g/dL

Globulin [Mass/volume] in Serum by calculation: 2.9988 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1517 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 54.61 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 29.812 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 23.012 U/L

Cholesterol [Mass/volume] in Serum or Plasma: 153.08 mg/dL

Triglycerides: 174.44 mg/dL

Low Density Lipoprotein Cholesterol: 87.784 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 78.712 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 6.02 %

Glucose [Mass/volume] in Blood: 88.5 mg/dL

Urea nitrogen [Mass/volume] in Blood: 16.93 mg/dL

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

Calcium [Mass/volume] in Blood: 9.57 mg/dL

Sodium [Moles/volume] in Blood: 139.44 mmol/L

Potassium [Moles/volume] in Blood: 3.74 mmol/L

Chloride [Moles/volume] in Blood: 101.25 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 27.83 mmol/L

Glucose [Mass/volume] in Blood: 72.1 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.91 mg/dL

Creatinine [Mass/volume] in Blood: 3.0322 mg/dL

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

Sodium [Moles/volume] in Blood: 142.24 mmol/L

Potassium [Moles/volume] in Blood: 4.7 mmol/L

Chloride [Moles/volume] in Blood: 105.42 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.4 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: 7.9173 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9762 g/dL

Globulin [Mass/volume] in Serum by calculation: 3.1247 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.32647 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 76.426 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 31.997 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 18.597 U/L

Cholesterol [Mass/volume] in Serum or Plasma: 207.4 mg/dL

Triglycerides: 118.12 mg/dL

Low Density Lipoprotein Cholesterol: 104.67 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 30.77 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.93 %

Glucose [Mass/volume] in Blood: 64.08 mg/dL

Urea nitrogen [Mass/volume] in Blood: 8.99 mg/dL

Creatinine [Mass/volume] in Blood: 0.71 mg/dL

Calcium [Mass/volume] in Blood: 10.04 mg/dL

Sodium [Moles/volume] in Blood: 137.18 mmol/L

Potassium [Moles/volume] in Blood: 4.37 mmol/L

Chloride [Moles/volume] in Blood: 103.03 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 20.31 mmol/L

Glucose [Mass/volume] in Blood: 83.8 mg/dL

Urea nitrogen [Mass/volume] in Blood: 18.32 mg/dL

Creatinine [Mass/volume] in Blood: 3.4216 mg/dL

Calcium [Mass/volume] in Blood: 8.78 mg/dL

Sodium [Moles/volume] in Blood: 143.53 mmol/L

Potassium [Moles/volume] in Blood: 4.05 mmol/L

Chloride [Moles/volume] in Blood: 104.02 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.46 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: 6.0436 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2515 g/dL

Globulin [Mass/volume] in Serum by calculation: 2.2485 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.19484 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 103.45 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 32.229 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 20.771 U/L

Cholesterol [Mass/volume] in Serum or Plasma: 201.38 mg/dL

Triglycerides: 128.5 mg/dL

Low Density Lipoprotein Cholesterol: 87.634 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 49.055 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.97 %

Glucose [Mass/volume] in Blood: 73.95 mg/dL

Urea nitrogen [Mass/volume] in Blood: 17.99 mg/dL

Creatinine [Mass/volume] in Blood: 0.72 mg/dL

Calcium [Mass/volume] in Blood: 9.85 mg/dL

Sodium [Moles/volume] in Blood: 137.46 mmol/L

Potassium [Moles/volume] in Blood: 4.46 mmol/L

Chloride [Moles/volume] in Blood: 108.19 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.92 mmol/L

Hemoglobin A1c/Hemoglobin.total in Blood: 5.92 %

Glucose [Mass/volume] in Blood: 67.38 mg/dL

Urea nitrogen [Mass/volume] in Blood: 15.94 mg/dL

Creatinine [Mass/volume] in Blood: 0.72 mg/dL

Calcium [Mass/volume] in Blood: 9.45 mg/dL

Sodium [Moles/volume] in Blood: 141.62 mmol/L

Potassium [Moles/volume] in Blood: 3.9 mmol/L

Chloride [Moles/volume] in Blood: 110.13 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 20.84 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 286.63 mg/dL

Triglycerides: 144.85 mg/dL

Low Density Lipoprotein Cholesterol: 203.98 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 53.68 mg/dL

Glucose [Mass/volume] in Blood: 75.72 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.06 mg/dL

Creatinine [Mass/volume] in Blood: 3.2013 mg/dL

Calcium [Mass/volume] in Blood: 8.82 mg/dL

Sodium [Moles/volume] in Blood: 143.86 mmol/L

Potassium [Moles/volume] in Blood: 5.14 mmol/L

Chloride [Moles/volume] in Blood: 102.51 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 26.3 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: 6.7736 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.5833 g/dL

Globulin [Mass/volume] in Serum by calculation: 2.921 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.0409 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 64.324 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 54.599 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 35.011 U/L

Cholesterol [Mass/volume] in Serum or Plasma: 189.46 mg/dL

Triglycerides: 191.57 mg/dL

Low Density Lipoprotein Cholesterol: 139.92 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 75.386 mg/dL

NT-proBNP: 1491.2 pg/mL

Leukocytes [# /volume] in Blood by Automated count: $10.561 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.4159 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.368 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.409 %

MCV [Entitic volume] by Automated count: 84.582 fL

MCH [Entitic mass] by Automated count: 31.544 pg

MCHC [Mass/volume] by Automated count: 34.5 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.312 %

Platelets [# /volume] in Blood by Automated count: $261.39 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 89.96 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 10.03 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.72 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.48 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.31 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.18 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 110.54 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 21.36 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: 7.255 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2384 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.30482 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 40.198 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 2.8979 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 31.728 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7368 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 259.29 mg/dL

Triglycerides: 111.6 mg/dL

Low Density Lipoprotein Cholesterol: 176.16 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 60.81 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 6.24 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0089449 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 118.6 ug/L

Iron [Mass/volume] in Serum or Plasma: 71.395 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 413.94 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 18.969 %

Functional capacity NYHA: None None

Objective assessment of cardiovascular disease NYHA: None None

Left ventricular Ejection fraction: 42.24 %

Glucose [Mass/volume] in Blood: 99.29 mg/dL

Urea nitrogen [Mass/volume] in Blood: 17.54 mg/dL

Creatinine [Mass/volume] in Blood: 0.72 mg/dL

Calcium [Mass/volume] in Blood: 9.57 mg/dL

Sodium [Moles/volume] in Blood: 142.53 mmol/L

Potassium [Moles/volume] in Blood: 4.46 mmol/L

Chloride [Moles/volume] in Blood: 101.45 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.9 mmol/L

Hemoglobin A1c/Hemoglobin.total in Blood: 5.89 %

Glucose [Mass/volume] in Blood: 87.64 mg/dL

Urea nitrogen [Mass/volume] in Blood: 8.3 mg/dL

Creatinine [Mass/volume] in Blood: 1.24 mg/dL

Calcium [Mass/volume] in Blood: 8.99 mg/dL

Sodium [Moles/volume] in Blood: 142.1 mmol/L

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

Chloride [Moles/volume] in Blood: 103.54 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 26.51 mmol/L

Glucose [Mass/volume] in Blood: 86.84 mg/dL

Urea nitrogen [Mass/volume] in Blood: 17.34 mg/dL

Creatinine [Mass/volume] in Blood: 2.6142 mg/dL

Calcium [Mass/volume] in Blood: 8.89 mg/dL

Sodium [Moles/volume] in Blood: 137.15 mmol/L

Potassium [Moles/volume] in Blood: 4.53 mmol/L

Chloride [Moles/volume] in Blood: 107.52 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 25.79 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: 6.2213 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3814 g/dL

Globulin [Mass/volume] in Serum by calculation: 2.0162 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.11412 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 112.82 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 43.184 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 8.8617 U/L

Cholesterol [Mass/volume] in Serum or Plasma: 158.88 mg/dL

Triglycerides: 144.15 mg/dL

Low Density Lipoprotein Cholesterol: 139.22 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 73.607 mg/dL

Left ventricular Ejection fraction: 46.74 %

Glucose [Mass/volume] in Blood: 83.07 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.36 mg/dL

Creatinine [Mass/volume] in Blood: 0.73 mg/dL

Calcium [Mass/volume] in Blood: 8.71 mg/dL

Sodium [Moles/volume] in Blood: 138.6 mmol/L

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

Chloride [Moles/volume] in Blood: 101.74 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.31 mmol/L

Left ventricular Ejection fraction: 47.27 %

Glucose [Mass/volume] in Blood: 92.2 mg/dL

Urea nitrogen [Mass/volume] in Blood: 10.4 mg/dL

Creatinine [Mass/volume] in Blood: 0.72 mg/dL

Calcium [Mass/volume] in Blood: 9.05 mg/dL

Sodium [Moles/volume] in Blood: 138.34 mmol/L

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

Chloride [Moles/volume] in Blood: 110.33 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 26.29 mmol/L

Hemoglobin A1c/Hemoglobin.total in Blood: 6.25 %

Glucose [Mass/volume] in Blood: 94.73 mg/dL

Urea nitrogen [Mass/volume] in Blood: 15.51 mg/dL

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

Calcium [Mass/volume] in Blood: 9.87 mg/dL

Sodium [Moles/volume] in Blood: 143.33 mmol/L

Potassium [Moles/volume] in Blood: 3.89 mmol/L

Chloride [Moles/volume] in Blood: 101.61 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 25.39 mmol/L

Leukocytes [# /volume] in Blood by Automated count: $5.6266 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.6165 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.213 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 46.818 %

MCV [Entitic volume] by Automated count: 86.069 fL

MCH [Entitic mass] by Automated count: 31.159 pg

MCHC [Mass/volume] by Automated count: 35.301 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 43.723 fL

Platelets [# /volume] in Blood by Automated count: 208.64 10^3 /uL

Platelet distribution width [Entitic volume] in Blood by Automated count: 158.96 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 11.258 fL

Glucose [Mass/volume] in Blood: 94.83 mg/dL

Urea nitrogen [Mass/volume] in Blood: 8.65 mg/dL

Creatinine [Mass/volume] in Blood: 2.5643 mg/dL

Calcium [Mass/volume] in Blood: 9.24 mg/dL

Sodium [Moles/volume] in Blood: 142.61 mmol/L

Potassium [Moles/volume] in Blood: 4.1 mmol/L

Chloride [Moles/volume] in Blood: 107.73 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 21.28 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: 7.35 g/dL

Albumin [Mass/volume] in Serum or Plasma: 3.5541 g/dL

Globulin [Mass/volume] in Serum by calculation: 2.6848 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.7911 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 24.765 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 34.161 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 31.001 U/L

Cholesterol [Mass/volume] in Serum or Plasma: 202.45 mg/dL

Triglycerides: 154.88 mg/dL

Low Density Lipoprotein Cholesterol: 102.27 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 39.844 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 6.18 %

Glucose [Mass/volume] in Blood: 87.79 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.4 mg/dL

Creatinine [Mass/volume] in Blood: 0.72 mg/dL

Calcium [Mass/volume] in Blood: 9.45 mg/dL

Sodium [Moles/volume] in Blood: 140.63 mmol/L

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

Chloride [Moles/volume] in Blood: 103.44 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 25.9 mmol/L

NT-proBNP: 1994.8 pg/mL

Leukocytes [# /volume] in Blood by Automated count: $10.353 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.0885 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.741 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 38.271 %

MCV [Entitic volume] by Automated count: 89.544 fL

MCH [Entitic mass] by Automated count: 27.104 pg

MCHC [Mass/volume] by Automated count: 33.24 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.081 %

Platelets [# /volume] in Blood by Automated count: $438.79 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 87.71 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 15.17 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.74 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.73 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 140.7 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.47 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 108.13 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 27.86 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: 7.9557 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.1727 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.33735 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 84.708 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 35.94 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 11.071 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2011 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 287.27 mg/dL

Triglycerides: 108.41 mg/dL

Low Density Lipoprotein Cholesterol: 215.78 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 49.8 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 6.12 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.00029317 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 87.519 ug/L

Iron [Mass/volume] in Serum or Plasma: 112.93 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 440.54 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 17.692 %

NT-proBNP: 550.06 pg/mL

Leukocytes [# /volume] in Blood by Automated count: 4.2528 10³/uL

Erythrocytes [# /volume] in Blood by Automated count: 4.6437 10⁶/uL

Hemoglobin [Mass/volume] in Blood: 16.793 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 39.539 %

MCV [Entitic volume] by Automated count: 88.375 fL

MCH [Entitic mass] by Automated count: 30.6 pg

MCHC [Mass/volume] by Automated count: 33.778 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.779 %

Platelets [# /volume] in Blood by Automated count: 173.79 10³/uL

Glucose [Mass/volume] in Serum or Plasma: 77.31 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 15.16 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.73 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.12 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.93 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.92 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 110.22 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 21.03 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: 6.3059 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6782 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.0632 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 91.064 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 43.635 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 32.269 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2624 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 277.69 mg/dL

Triglycerides: 139.93 mg/dL

Low Density Lipoprotein Cholesterol: 187.83 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 61.88 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 6.26 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.034323 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 130.5 ug/L

Iron [Mass/volume] in Serum or Plasma: 160.37 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 267.72 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 38.709 %

NT-proBNP: 1093.6 pg/mL

Leukocytes [# /volume] in Blood by Automated count: $7.3064 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.7004 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 11.146 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 42.949 %

MCV [Entitic volume] by Automated count: 96.181 fL

MCH [Entitic mass] by Automated count: 32.416 pg

MCHC [Mass/volume] by Automated count: 34.669 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.818 %

Platelets [# /volume] in Blood by Automated count: $325.89 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 77.31 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 15.16 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.73 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.12 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.93 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.92 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 110.22 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 21.03 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: 6.2137 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.8815 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.93345 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 75.124 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 12.408 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 0.47073 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1417 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 277.69 mg/dL

Triglycerides: 139.93 mg/dL

Low Density Lipoprotein Cholesterol: 187.83 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 61.88 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 6.26 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.016683 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 74.446 ug/L

Iron [Mass/volume] in Serum or Plasma: 156.22 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 289.62 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 52.557 %

NT-proBNP: 896.27 pg/mL

Leukocytes [# /volume] in Blood by Automated count: $9.2536 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $5.7153 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.612 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.483 %

MCV [Entitic volume] by Automated count: 83.518 fL

MCH [Entitic mass] by Automated count: 32.412 pg

MCHC [Mass/volume] by Automated count: 34.02 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.054 %

Platelets [# /volume] in Blood by Automated count: $232.84 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 77.31 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 15.16 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.73 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.12 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.93 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.92 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 110.22 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 21.03 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: 7.6937 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3069 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.73823 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 56.997 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 9.2248 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 8.0336 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6623 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 277.69 mg/dL

Triglycerides: 139.93 mg/dL

Low Density Lipoprotein Cholesterol: 187.83 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 61.88 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 6.26 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.015004 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 41.498 ug/L

Iron [Mass/volume] in Serum or Plasma: 96.688 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 356.92 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 38.687 %

NT-proBNP: 580.73 pg/mL

Leukocytes [# /volume] in Blood by Automated count: $3.7522 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.019 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 16.348 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 41.653 %

MCV [Entitic volume] by Automated count: 85.554 fL

MCH [Entitic mass] by Automated count: 31.108 pg

MCHC [Mass/volume] by Automated count: 33.72 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.546 %

Platelets [# /volume] in Blood by Automated count: $298.68 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 77.31 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 15.16 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 0.73 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.12 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 136.93 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.92 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 110.22 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 21.03 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: 7.9411 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.7463 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.038 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 63.878 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 2.9262 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 5.5824 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1343 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 277.69 mg/dL

Triglycerides: 139.93 mg/dL

Low Density Lipoprotein Cholesterol: 187.83 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 61.88 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 6.26 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.015949 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 92.64 ug/L

Iron [Mass/volume] in Serum or Plasma: 66.751 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 353.33 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 54.893 %