## **Blood Test Report**

Patient ID: Raymundo71 Torphy630 8c3b930b-6cb3-ea33-316a-7c028fbcd7a9

Hemoglobin A1c/Hemoglobin.total in Blood: 5.91 %

Glucose [Mass/volume] in Blood: 96.36 mg/dL

Urea nitrogen [Mass/volume] in Blood: 9.3 mg/dL

Creatinine [Mass/volume] in Blood: 1.21 mg/dL

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

Sodium [Moles/volume] in Blood: 142.3 mmol/L

Potassium [Moles/volume] in Blood: 3.86 mmol/L

Chloride [Moles/volume] in Blood: 105.36 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 21.29 mmol/L

Hemoglobin A1c/Hemoglobin.total in Blood: 7.26 %

Glucose [Mass/volume] in Blood: 88.02 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.19 mg/dL

Creatinine [Mass/volume] in Blood: 1.51 mg/dL

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

Sodium [Moles/volume] in Blood: 143.28 mmol/L

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

Chloride [Moles/volume] in Blood: 101.35 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 21.72 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 118.77 mg/dL

Triglycerides: 137.51 mg/dL

Low Density Lipoprotein Cholesterol: 43.36 mg/dL

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

Microalbumin/Creatinine [Mass Ratio] in Urine: 16.61 mg/g

Leukocytes [#/volume] in Blood by Automated count: 9.8784 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 4.6123 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 12.515 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 39.69 %

MCV [Entitic volume] by Automated count: 86.062 fL

MCH [Entitic mass] by Automated count: 30.636 pg

MCHC [Mass/volume] by Automated count: 34.737 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 41.726 fL

Platelets [#/volume] in Blood by Automated count: 435.25 10\*3/uL

Platelet distribution width [Entitic volume] in Blood by Automated count: 219.09 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 10.321 fL

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

Hemoglobin A1c/Hemoglobin.total in Blood: 7.41 %

Glucose [Mass/volume] in Blood: 101.29 mg/dL

Urea nitrogen [Mass/volume] in Blood: 14.22 mg/dL

Creatinine [Mass/volume] in Blood: 1.19 mg/dL

Calcium [Mass/volume] in Blood: 8.53 mg/dL

Sodium [Moles/volume] in Blood: 141.42 mmol/L

Potassium [Moles/volume] in Blood: 4.35 mmol/L

Chloride [Moles/volume] in Blood: 104.45 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.62 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 234.53 mg/dL

Triglycerides: 187.42 mg/dL

Low Density Lipoprotein Cholesterol: 150.48 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 46.57 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 4.21 mg/g

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

NT-proBNP: 924.59 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 4.2006 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.6848 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 14.209 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.16 %

MCV [Entitic volume] by Automated count: 96.115 fL

MCH [Entitic mass] by Automated count: 29.976 pg

MCHC [Mass/volume] by Automated count: 33.055 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.1 %

Platelets [#/volume] in Blood by Automated count: 273.93 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 103.66 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.65 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.37 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 8.55 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 141.92 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.27 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.66 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 27.3 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: 6.0546 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2337 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.34528 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 59.258 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 20.484 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 19.727 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9695 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 208.18 mg/dL

Triglycerides: 156.79 mg/dL

Low Density Lipoprotein Cholesterol: 122.91 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 53.91 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 7.53 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.022988 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 146.38 ug/L

Iron [Mass/volume] in Serum or Plasma: 158.39 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 298.03 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 53.809 %

Functional capacity NYHA: None None

Objective assessment of cardiovascular disease NYHA: None None

Left ventricular Ejection fraction: 41.19 %

Glucose [Mass/volume] in Blood: 119.11 mg/dL

Urea nitrogen [Mass/volume] in Blood: 8.2 mg/dL

Creatinine [Mass/volume] in Blood: 1.21 mg/dL

Calcium [Mass/volume] in Blood: 8.55 mg/dL

Sodium [Moles/volume] in Blood: 136.32 mmol/L

Potassium [Moles/volume] in Blood: 4.86 mmol/L

Chloride [Moles/volume] in Blood: 110.34 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 27.03 mmol/L

Hemoglobin A1c/Hemoglobin.total in Blood: 7.55 %

Glucose [Mass/volume] in Blood: 109.55 mg/dL

Urea nitrogen [Mass/volume] in Blood: 7.98 mg/dL

Creatinine [Mass/volume] in Blood: 1.2 mg/dL

Calcium [Mass/volume] in Blood: 9.92 mg/dL

Sodium [Moles/volume] in Blood: 139.32 mmol/L

Potassium [Moles/volume] in Blood: 3.85 mmol/L

Chloride [Moles/volume] in Blood: 109.96 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 25.12 mmol/L

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

Triglycerides: 167.59 mg/dL

Low Density Lipoprotein Cholesterol: 124.35 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 44.42 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 7.66 mg/g

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

NT-proBNP: 231.23 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 6.5986 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.7793 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 14.321 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 34.409 %

MCV [Entitic volume] by Automated count: 84.143 fL

MCH [Entitic mass] by Automated count: 32.604 pg

MCHC [Mass/volume] by Automated count: 35.195 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.411 %

Platelets [#/volume] in Blood by Automated count: 436.89 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 175.07 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 18.89 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.17 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.36 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 137.47 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.5 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 104.95 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.68 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: 7.3492 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6512 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.42234 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 62.691 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 43.025 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 36.257 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8099 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 253.88 mg/dL

Triglycerides: 406.38 mg/dL

Low Density Lipoprotein Cholesterol: 142.08 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 30.53 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.88 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.017979 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 59.827 ug/L

Iron [Mass/volume] in Serum or Plasma: 69.165 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 376.51 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 17.664 %

Left ventricular Ejection fraction: 45.29 %

NT-proBNP: 218.98 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 8.6825 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 3.8845 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 12.528 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 35.347 %

MCV [Entitic volume] by Automated count: 90.781 fL

MCH [Entitic mass] by Automated count: 28.882 pg

MCHC [Mass/volume] by Automated count: 31.666 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.872 %

Platelets [#/volume] in Blood by Automated count: 416.67 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 175.07 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 18.89 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.17 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.36 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 137.47 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.5 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 104.95 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.68 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: 7.1083 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3861 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1082 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 48.519 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 3.2084 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 1.3841 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6271 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 253.88 mg/dL

Triglycerides: 406.38 mg/dL

Low Density Lipoprotein Cholesterol: 142.08 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 30.53 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.88 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.026964 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 146.46 ug/L

Iron [Mass/volume] in Serum or Plasma: 158.48 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 370.89 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 50.436 %

NT-proBNP: 276.33 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 9.836 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 4.4192 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 11.882 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 44.986 %

MCV [Entitic volume] by Automated count: 88.531 fL

MCH [Entitic mass] by Automated count: 30.249 pg

MCHC [Mass/volume] by Automated count: 32.755 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.742 %

Platelets [#/volume] in Blood by Automated count: 303.89 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 175.07 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 18.89 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.17 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.36 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 137.47 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.5 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 104.95 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.68 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: 6.9437 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9115 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.40267 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 93.211 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 19.277 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 6.0807 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2225 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 253.88 mg/dL

Triglycerides: 406.38 mg/dL

Low Density Lipoprotein Cholesterol: 142.08 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 30.53 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.88 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.037146 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 49.414 ug/L

Iron [Mass/volume] in Serum or Plasma: 101.2 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 313.99 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 26.633 %

NT-proBNP: 649.22 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 3.8822 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.6419 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 14.474 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 45.217 %

MCV [Entitic volume] by Automated count: 90.968 fL

MCH [Entitic mass] by Automated count: 28.794 pg

MCHC [Mass/volume] by Automated count: 35.624 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.931 %

Platelets [#/volume] in Blood by Automated count: 285.77 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 175.07 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 18.89 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.17 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.36 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 137.47 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.5 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 104.95 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.68 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: 6.2574 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.12 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.0844 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 76.205 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 20.018 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 18.473 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8156 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 253.88 mg/dL

Triglycerides: 406.38 mg/dL

Low Density Lipoprotein Cholesterol: 142.08 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 30.53 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.88 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.02088 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 38.665 ug/L

Iron [Mass/volume] in Serum or Plasma: 35.886 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 318.6 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 32.73 %

NT-proBNP: 1005.6 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 6.0029 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.5797 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 17.021 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 40.41 %

MCV [Entitic volume] by Automated count: 83.789 fL

MCH [Entitic mass] by Automated count: 27.041 pg

MCHC [Mass/volume] by Automated count: 33.965 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.011 %

Platelets [#/volume] in Blood by Automated count: 282.96 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 155.27 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 10.43 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.17 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 140.97 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.37 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 101.11 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.88 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: 7.4197 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3353 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.9328 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 94.155 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 43.436 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 3.4114 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6695 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 254.28 mg/dL

Triglycerides: 420.81 mg/dL

Low Density Lipoprotein Cholesterol: 130.84 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 39.28 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.87 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.039279 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 92.989 ug/L

Iron [Mass/volume] in Serum or Plasma: 53.405 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 338.06 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 19.252 %

Left ventricular Ejection fraction: 41.07 %

Glucose [Mass/volume] in Blood: 193.68 mg/dL

Urea nitrogen [Mass/volume] in Blood: 10.95 mg/dL

Creatinine [Mass/volume] in Blood: 1.11 mg/dL

Calcium [Mass/volume] in Blood: 9.59 mg/dL

Sodium [Moles/volume] in Blood: 136.8 mmol/L

Potassium [Moles/volume] in Blood: 4.89 mmol/L

Chloride [Moles/volume] in Blood: 106.45 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.96 mmol/L

Hemoglobin A1c/Hemoglobin.total in Blood: 5.44 %

Glucose [Mass/volume] in Blood: 197.11 mg/dL

Urea nitrogen [Mass/volume] in Blood: 9.78 mg/dL

Creatinine [Mass/volume] in Blood: 1.18 mg/dL

Calcium [Mass/volume] in Blood: 8.59 mg/dL

Sodium [Moles/volume] in Blood: 140.04 mmol/L

Potassium [Moles/volume] in Blood: 4.56 mmol/L

Chloride [Moles/volume] in Blood: 108.46 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.22 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 242.64 mg/dL

Triglycerides: 338.68 mg/dL

Low Density Lipoprotein Cholesterol: 147.51 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 27.39 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 10.16 mg/g

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

Left ventricular Ejection fraction: 48.39 %

Glucose [Mass/volume] in Blood: 171.96 mg/dL

Urea nitrogen [Mass/volume] in Blood: 12.1 mg/dL

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

Calcium [Mass/volume] in Blood: 9.99 mg/dL

Sodium [Moles/volume] in Blood: 141.94 mmol/L

Potassium [Moles/volume] in Blood: 4.18 mmol/L

Chloride [Moles/volume] in Blood: 102.38 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 21.72 mmol/L

NT-proBNP: 1546.1 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 6.8587 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.5068 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 12.326 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.462 %

MCV [Entitic volume] by Automated count: 84.68 fL

MCH [Entitic mass] by Automated count: 27.973 pg

MCHC [Mass/volume] by Automated count: 34.735 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.813 %

Platelets [#/volume] in Blood by Automated count: 204.56 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 132.33 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.06 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.07 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 136.29 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.3 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.19 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 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: 8.1107 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9083 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.77349 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 58.743 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 27.923 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 7.357 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2753 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 245.75 mg/dL

Triglycerides: 333.23 mg/dL

Low Density Lipoprotein Cholesterol: 158.99 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 20.12 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.036179 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 90.777 ug/L

Iron [Mass/volume] in Serum or Plasma: 117.02 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 276.18 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 37.028 %

NT-proBNP: 242.07 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 9.2571 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.0849 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 15.006 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 34.003 %

MCV [Entitic volume] by Automated count: 85.329 fL

MCH [Entitic mass] by Automated count: 31.254 pg

MCHC [Mass/volume] by Automated count: 32.815 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.015 %

Platelets [#/volume] in Blood by Automated count: 294.7 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 132.33 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.06 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.07 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 136.29 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.3 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.19 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 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: 6.6889 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.2343 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.38992 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 100.23 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 39.855 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 39.166 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1884 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 245.75 mg/dL

Triglycerides: 333.23 mg/dL

Low Density Lipoprotein Cholesterol: 158.99 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 20.12 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0061844 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 75.916 ug/L

Iron [Mass/volume] in Serum or Plasma: 134.02 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 381.07 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 47.976 %

NT-proBNP: 860.87 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 4.6049 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.6531 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 14.501 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 44.15 %

MCV [Entitic volume] by Automated count: 82.167 fL

MCH [Entitic mass] by Automated count: 31.629 pg

MCHC [Mass/volume] by Automated count: 35.113 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.992 %

Platelets [#/volume] in Blood by Automated count: 417.31 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 132.33 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.06 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.07 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 136.29 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.3 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.19 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 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: 7.1528 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.6317 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.85182 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 57.127 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 15.463 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 8.5966 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2858 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 245.75 mg/dL

Triglycerides: 333.23 mg/dL

Low Density Lipoprotein Cholesterol: 158.99 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 20.12 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0084433 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 42.495 ug/L

Iron [Mass/volume] in Serum or Plasma: 98.435 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 369.91 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 26.374 %

NT-proBNP: 1094.6 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 10.732 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.1958 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 15.04 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 40.202 %

MCV [Entitic volume] by Automated count: 85.645 fL

MCH [Entitic mass] by Automated count: 32.871 pg

MCHC [Mass/volume] by Automated count: 33.302 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.956 %

Platelets [#/volume] in Blood by Automated count: 256.95 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 132.33 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.06 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.07 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 136.29 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.3 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.19 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 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: 7.4798 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.8282 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.86073 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 64.016 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 0.047291 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 14.466 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6239 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 245.75 mg/dL

Triglycerides: 333.23 mg/dL

Low Density Lipoprotein Cholesterol: 158.99 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 20.12 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.015966 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 88.766 ug/L

Iron [Mass/volume] in Serum or Plasma: 146.11 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 392.21 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 52.71 %

NT-proBNP: 493.86 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 6.5175 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 3.8152 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 15.834 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 39.72 %

MCV [Entitic volume] by Automated count: 96.777 fL

MCH [Entitic mass] by Automated count: 29.986 pg

MCHC [Mass/volume] by Automated count: 35.528 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.932 %

Platelets [#/volume] in Blood by Automated count: 167.44 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 132.33 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.06 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.07 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 136.29 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.3 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.19 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 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: 6.1681 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.0015 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1724 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 47.557 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 30.002 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 28.478 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1026 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 245.75 mg/dL

Triglycerides: 333.23 mg/dL

Low Density Lipoprotein Cholesterol: 158.99 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 20.12 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.02025 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 129.14 ug/L

Iron [Mass/volume] in Serum or Plasma: 88.941 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 273.28 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 37.788 %

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Glucose [Mass/volume] in Blood: 170.68 mg/dL

Urea nitrogen [Mass/volume] in Blood: 14.3 mg/dL

Creatinine [Mass/volume] in Blood: 1.06 mg/dL

Calcium [Mass/volume] in Blood: 9.44 mg/dL

Sodium [Moles/volume] in Blood: 138.91 mmol/L

Potassium [Moles/volume] in Blood: 3.96 mmol/L

Chloride [Moles/volume] in Blood: 110.48 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.19 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 257.74 mg/dL

Triglycerides: 428.43 mg/dL

Low Density Lipoprotein Cholesterol: 135.85 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 36.21 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 0.67 mg/g

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

Left ventricular Ejection fraction: 44.96 %

Glucose [Mass/volume] in Blood: 153.27 mg/dL

Urea nitrogen [Mass/volume] in Blood: 12.49 mg/dL

Creatinine [Mass/volume] in Blood: 1.06 mg/dL

Calcium [Mass/volume] in Blood: 10.08 mg/dL

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

Potassium [Moles/volume] in Blood: 4.82 mmol/L

Chloride [Moles/volume] in Blood: 107.28 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.87 mmol/L

Left ventricular Ejection fraction: 43.42 %

Glucose [Mass/volume] in Blood: 173.91 mg/dL

Urea nitrogen [Mass/volume] in Blood: 17.79 mg/dL

Creatinine [Mass/volume] in Blood: 1.06 mg/dL

Calcium [Mass/volume] in Blood: 9.92 mg/dL

Sodium [Moles/volume] in Blood: 138.79 mmol/L

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

Chloride [Moles/volume] in Blood: 106.86 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.41 mmol/L

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Glucose [Mass/volume] in Blood: 166.38 mg/dL

Urea nitrogen [Mass/volume] in Blood: 15.67 mg/dL

Creatinine [Mass/volume] in Blood: 1.05 mg/dL

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

Sodium [Moles/volume] in Blood: 139.03 mmol/L

Potassium [Moles/volume] in Blood: 4.19 mmol/L

Chloride [Moles/volume] in Blood: 102.95 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 26.52 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 246.62 mg/dL

Triglycerides: 327.61 mg/dL

Low Density Lipoprotein Cholesterol: 150.22 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 30.88 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 5.32 mg/g

Leukocytes [#/volume] in Blood by Automated count: 5.365 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 4.3792 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 12.27 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 49.552 %

MCV [Entitic volume] by Automated count: 93.559 fL

MCH [Entitic mass] by Automated count: 32.737 pg

MCHC [Mass/volume] by Automated count: 34.158 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 41.87 fL

Platelets [#/volume] in Blood by Automated count: 267.9 10\*3/uL

Platelet distribution width [Entitic volume] in Blood by Automated count: 278.37 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 10.703 fL

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

Left ventricular Ejection fraction: 44.34 %

•

Glucose [Mass/volume] in Blood: 185.43 mg/dL

Urea nitrogen [Mass/volume] in Blood: 15.76 mg/dL

Creatinine [Mass/volume] in Blood: 1.05 mg/dL

Calcium [Mass/volume] in Blood: 9.17 mg/dL

Sodium [Moles/volume] in Blood: 136.95 mmol/L

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

Chloride [Moles/volume] in Blood: 103.98 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.12 mmol/L

Left ventricular Ejection fraction: 48.55 %

Glucose [Mass/volume] in Blood: 187.78 mg/dL

Urea nitrogen [Mass/volume] in Blood: 14.27 mg/dL

Creatinine [Mass/volume] in Blood: 1.05 mg/dL

Calcium [Mass/volume] in Blood: 9.4 mg/dL

Sodium [Moles/volume] in Blood: 140.27 mmol/L

Potassium [Moles/volume] in Blood: 3.87 mmol/L

Chloride [Moles/volume] in Blood: 109.8 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.96 mmol/L

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Glucose [Mass/volume] in Blood: 140.98 mg/dL

Urea nitrogen [Mass/volume] in Blood: 8.82 mg/dL

Creatinine [Mass/volume] in Blood: 1.04 mg/dL

Calcium [Mass/volume] in Blood: 10.01 mg/dL

Sodium [Moles/volume] in Blood: 139.47 mmol/L

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

Chloride [Moles/volume] in Blood: 105.94 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 27.52 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 255.99 mg/dL

Triglycerides: 433.07 mg/dL

Low Density Lipoprotein Cholesterol: 130.3 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 39.08 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 12.85 mg/g

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

Left ventricular Ejection fraction: 42.74 %

Glucose [Mass/volume] in Blood: 159.84 mg/dL

Urea nitrogen [Mass/volume] in Blood: 9.86 mg/dL

Creatinine [Mass/volume] in Blood: 1.04 mg/dL

Calcium [Mass/volume] in Blood: 10.09 mg/dL

Sodium [Moles/volume] in Blood: 136.61 mmol/L

Potassium [Moles/volume] in Blood: 4.49 mmol/L

Chloride [Moles/volume] in Blood: 104.82 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.98 mmol/L

Left ventricular Ejection fraction: 46.52 %

Glucose [Mass/volume] in Blood: 149.35 mg/dL

Urea nitrogen [Mass/volume] in Blood: 13.81 mg/dL

Creatinine [Mass/volume] in Blood: 1.04 mg/dL

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

Sodium [Moles/volume] in Blood: 143.46 mmol/L

Potassium [Moles/volume] in Blood: 4.58 mmol/L

Chloride [Moles/volume] in Blood: 101.75 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.58 mmol/L

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Glucose [Mass/volume] in Blood: 186.66 mg/dL

Urea nitrogen [Mass/volume] in Blood: 9.7 mg/dL

Creatinine [Mass/volume] in Blood: 1.02 mg/dL

Calcium [Mass/volume] in Blood: 10.06 mg/dL

Sodium [Moles/volume] in Blood: 140.75 mmol/L

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

Chloride [Moles/volume] in Blood: 102.8 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.1 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 255.59 mg/dL

Triglycerides: 423.19 mg/dL

Low Density Lipoprotein Cholesterol: 146.4 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 24.55 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 5.45 mg/g

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

Left ventricular Ejection fraction: 44.72 %

Glucose [Mass/volume] in Blood: 186.63 mg/dL

Urea nitrogen [Mass/volume] in Blood: 17.93 mg/dL

Creatinine [Mass/volume] in Blood: 1.28 mg/dL

Calcium [Mass/volume] in Blood: 9.17 mg/dL

Sodium [Moles/volume] in Blood: 140.88 mmol/L

Potassium [Moles/volume] in Blood: 4.89 mmol/L

Chloride [Moles/volume] in Blood: 103.5 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.6 mmol/L

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Glucose [Mass/volume] in Blood: 171.13 mg/dL

Urea nitrogen [Mass/volume] in Blood: 18.25 mg/dL

Creatinine [Mass/volume] in Blood: 1.02 mg/dL

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

Sodium [Moles/volume] in Blood: 137.55 mmol/L

Potassium [Moles/volume] in Blood: 4.74 mmol/L

Chloride [Moles/volume] in Blood: 108.75 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.25 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 249.12 mg/dL

Triglycerides: 255.86 mg/dL

Low Density Lipoprotein Cholesterol: 170.39 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 27.56 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 1.25 mg/g

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

NT-proBNP: 1326.4 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 8.2834 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 4.8822 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 16.527 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 44.607 %

MCV [Entitic volume] by Automated count: 81.155 fL

MCH [Entitic mass] by Automated count: 32.628 pg

MCHC [Mass/volume] by Automated count: 32.432 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.152 %

Platelets [#/volume] in Blood by Automated count: 225.31 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 128.52 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.38 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.02 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.58 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 138.02 mmol/L

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

Chloride [Moles/volume] in Serum or Plasma: 108.3 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.93 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: 6.1135 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9019 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.54638 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 97.117 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 4.9067 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 18.508 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1034 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 244.81 mg/dL

Triglycerides: 229.48 mg/dL

Low Density Lipoprotein Cholesterol: 174.01 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 24.91 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.024315 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 100.09 ug/L

Iron [Mass/volume] in Serum or Plasma: 77.208 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 314.49 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 21.117 %

Left ventricular Ejection fraction: 42.1 %

NT-proBNP: 1924.3 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 4.0295 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 4.7988 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 17.288 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 46.841 %

MCV [Entitic volume] by Automated count: 91.31 fL

MCH [Entitic mass] by Automated count: 32.964 pg

MCHC [Mass/volume] by Automated count: 32.986 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.399 %

Platelets [#/volume] in Blood by Automated count: 285.8 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 128.52 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.38 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.02 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.58 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 138.02 mmol/L

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

Chloride [Moles/volume] in Serum or Plasma: 108.3 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.93 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: 8.3273 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.8094 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.61482 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 87.815 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 41.033 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 36.5 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1335 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 244.81 mg/dL

Triglycerides: 229.48 mg/dL

Low Density Lipoprotein Cholesterol: 174.01 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 24.91 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.030467 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 142.72 ug/L

Iron [Mass/volume] in Serum or Plasma: 47.019 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 282.1 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 23.295 %

NT-proBNP: 759.71 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 3.636 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.5056 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 15.289 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 48.227 %

MCV [Entitic volume] by Automated count: 80.262 fL

MCH [Entitic mass] by Automated count: 30.074 pg

MCHC [Mass/volume] by Automated count: 34.376 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.882 %

Platelets [#/volume] in Blood by Automated count: 279.42 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 128.52 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.38 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.02 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.58 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 138.02 mmol/L

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

Chloride [Moles/volume] in Serum or Plasma: 108.3 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.93 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: 6.1307 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9431 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.80015 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 76.906 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 6.2053 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 12.064 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1295 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 244.81 mg/dL

Triglycerides: 229.48 mg/dL

Low Density Lipoprotein Cholesterol: 174.01 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 24.91 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.037132 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 92.999 ug/L

Iron [Mass/volume] in Serum or Plasma: 57.11 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 315.84 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 34.98 %

NT-proBNP: 728.46 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 3.8176 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.1978 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 16.696 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 35.186 %

MCV [Entitic volume] by Automated count: 89.025 fL

MCH [Entitic mass] by Automated count: 29.67 pg

MCHC [Mass/volume] by Automated count: 32.943 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.693 %

Platelets [#/volume] in Blood by Automated count: 426.91 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 128.52 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 14.38 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.02 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.58 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 138.02 mmol/L

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

Chloride [Moles/volume] in Serum or Plasma: 108.3 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 24.93 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: 7.8477 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.5802 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.55219 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 71.417 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 27.689 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 14.216 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8859 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 244.81 mg/dL

Triglycerides: 229.48 mg/dL

Low Density Lipoprotein Cholesterol: 174.01 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 24.91 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.007202 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 97.202 ug/L

Iron [Mass/volume] in Serum or Plasma: 122.44 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 440.23 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 15.77 %

NT-proBNP: 1955.3 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 8.474 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.39 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 16.476 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 47.272 %

MCV [Entitic volume] by Automated count: 82.335 fL

MCH [Entitic mass] by Automated count: 31.901 pg

MCHC [Mass/volume] by Automated count: 31.642 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.343 %

Platelets [#/volume] in Blood by Automated count: 313.69 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 182.28 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 11.18 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.02 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.87 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 141.38 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 3.87 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.67 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 28.71 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: 8.3372 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.1974 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1155 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 92.472 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 19.817 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 26.116 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1244 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 243.82 mg/dL

Triglycerides: 333.87 mg/dL

Low Density Lipoprotein Cholesterol: 148.13 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 28.92 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0053754 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 88.275 ug/L

Iron [Mass/volume] in Serum or Plasma: 87.763 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 319.71 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 37.138 %

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Glucose [Mass/volume] in Blood: 180.79 mg/dL

Urea nitrogen [Mass/volume] in Blood: 18.66 mg/dL

Creatinine [Mass/volume] in Blood: 1.01 mg/dL

Calcium [Mass/volume] in Blood: 9.11 mg/dL

Sodium [Moles/volume] in Blood: 140.04 mmol/L

Potassium [Moles/volume] in Blood: 3.88 mmol/L

Chloride [Moles/volume] in Blood: 104.65 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 20.76 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 243.78 mg/dL

Triglycerides: 370.94 mg/dL

Low Density Lipoprotein Cholesterol: 149.53 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 20.07 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 2.47 mg/g

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

NT-proBNP: 1187.9 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 10.456 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.4962 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 11.96 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 39.719 %

MCV [Entitic volume] by Automated count: 89.187 fL

MCH [Entitic mass] by Automated count: 29.255 pg

MCHC [Mass/volume] by Automated count: 34.06 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.075 %

Platelets [#/volume] in Blood by Automated count: 352.45 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 163.46 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.59 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.01 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 140.92 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.62 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.73 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.86 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: 8.3074 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.155 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.3283 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 88.038 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 27.732 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 31.121 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.6389 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 241.91 mg/dL

Triglycerides: 335.33 mg/dL

Low Density Lipoprotein Cholesterol: 153.72 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 21.12 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0021037 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 75.29 ug/L

Iron [Mass/volume] in Serum or Plasma: 130.25 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 447.36 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 25.914 %

Left ventricular Ejection fraction: 48.39 %

NT-proBNP: 1595.7 pg/mL

Leukocytes [#/volume] in Blood by Automated count: 10.036 10\*3/uL

Erythrocytes [#/volume] in Blood by Automated count: 5.0617 10\*6/uL

Hemoglobin [Mass/volume] in Blood: 13.218 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 50.08 %

MCV [Entitic volume] by Automated count: 86.691 fL

MCH [Entitic mass] by Automated count: 31.571 pg

MCHC [Mass/volume] by Automated count: 34.471 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.353 %

Platelets [#/volume] in Blood by Automated count: 191.84 10\*3/uL

Glucose [Mass/volume] in Serum or Plasma: 163.46 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 16.59 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 1.01 mg/dL

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

Sodium [Moles/volume] in Serum or Plasma: 140.92 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.62 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.73 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.86 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: 7.5704 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3424 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.47692 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 116.5 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 37.427 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 1.5934 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9604 mg/dL

Cholesterol [Mass/volume] in Serum or Plasma: 241.91 mg/dL

Triglycerides: 335.33 mg/dL

Low Density Lipoprotein Cholesterol: 153.72 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 21.12 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.36 %

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.0079014 pg/mL

Ferritin [Mass/volume] in Serum or Plasma: 52.946 ug/L

Iron [Mass/volume] in Serum or Plasma: 81.679 ug/dL

Iron binding capacity [Mass/volume] in Serum or Plasma: 289.23 ug/dL

Iron saturation [Mass Fraction] in Serum or Plasma: 39.633 %