

Blood Test Report

Patient ID: Terence292_Shields502_70c5c50b-04f3-6698-8951-b0d22c7b6b39

Hemoglobin A1c/Hemoglobin.total in Blood: 5.98 %

Glucose [Mass/volume] in Blood: 76.35 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.63 mg/dL

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

Calcium [Mass/volume] in Blood: 9.16 mg/dL

Sodium [Moles/volume] in Blood: 139.04 mmol/L

Potassium [Moles/volume] in Blood: 4.28 mmol/L

Chloride [Moles/volume] in Blood: 104.34 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.3 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 247.07 mg/dL

Triglycerides: 148.89 mg/dL

Low Density Lipoprotein Cholesterol: 166.02 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 51.28 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 6.29 mg/g

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

Glucose [Mass/volume] in Blood: 73.26 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.61 mg/dL

Creatinine [Mass/volume] in Blood: 3.4434 mg/dL

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

Sodium [Moles/volume] in Blood: 139.36 mmol/L

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

Chloride [Moles/volume] in Blood: 107.97 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.42 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: 7.1937 g/dL

Albumin [Mass/volume] in Serum or Plasma: 3.7782 g/dL

Globulin [Mass/volume] in Serum by calculation: 3.1049 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.61682 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 25.239 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 41.444 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 18.304 U/L

Leukocytes [# /volume] in Blood by Automated count: $1.0663 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.1235 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.065 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 28.518 %

MCV [Entitic volume] by Automated count: 92.918 fL

MCH [Entitic mass] by Automated count: 29.4 pg

MCHC [Mass/volume] by Automated count: 33.196 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 39.07 fL

Platelets [# /volume] in Blood by Automated count: $297.99 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 372.99 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 11.911 fL

Glucose [Mass/volume] in Blood: 84.94 mg/dL

Urea nitrogen [Mass/volume] in Blood: 7.55 mg/dL

Creatinine [Mass/volume] in Blood: 2.8898 mg/dL

Calcium [Mass/volume] in Blood: 10.15 mg/dL

Sodium [Moles/volume] in Blood: 139.7 mmol/L

Potassium [Moles/volume] in Blood: 3.83 mmol/L

Chloride [Moles/volume] in Blood: 108.26 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 25.1 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: 6.6977 g/dL

Albumin [Mass/volume] in Serum or Plasma: 5.304 g/dL

Globulin [Mass/volume] in Serum by calculation: 2.215 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1611 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 71.559 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 21.636 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 16.844 U/L

Leukocytes [# /volume] in Blood by Automated count: $2.0687 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.6379 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 7.0619 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 26.13 %

MCV [Entitic volume] by Automated count: 94.024 fL

MCH [Entitic mass] by Automated count: 28.683 pg

MCHC [Mass/volume] by Automated count: 33.917 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 43.974 fL

Platelets [# /volume] in Blood by Automated count: $371.79 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 198.15 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 9.4482 fL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.45 %

Glucose [Mass/volume] in Blood: 86.39 mg/dL

Urea nitrogen [Mass/volume] in Blood: 12.34 mg/dL

Creatinine [Mass/volume] in Blood: 1 mg/dL

Calcium [Mass/volume] in Blood: 9.23 mg/dL

Sodium [Moles/volume] in Blood: 137.79 mmol/L

Potassium [Moles/volume] in Blood: 4.64 mmol/L

Chloride [Moles/volume] in Blood: 102.05 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 23.47 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 313.77 mg/dL

Triglycerides: 142.65 mg/dL

Low Density Lipoprotein Cholesterol: 227.16 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 58.08 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 8.75 mg/g

Leukocytes [# /volume] in Blood by Automated count: $6.4163 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $5.4928 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.341 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.113 %

MCV [Entitic volume] by Automated count: 88.576 fL

MCH [Entitic mass] by Automated count: 31.467 pg

MCHC [Mass/volume] by Automated count: 33.079 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 42.166 fL

Platelets [# /volume] in Blood by Automated count: $394.23 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 455.02 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 9.457 fL

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

Glucose [Mass/volume] in Blood: 89.28 mg/dL

Urea nitrogen [Mass/volume] in Blood: 10.61 mg/dL

Creatinine [Mass/volume] in Blood: 2.867 mg/dL

Calcium [Mass/volume] in Blood: 10.12 mg/dL

Sodium [Moles/volume] in Blood: 137.29 mmol/L

Potassium [Moles/volume] in Blood: 4.15 mmol/L

Chloride [Moles/volume] in Blood: 103.62 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.07 mmol/L

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

Protein [Mass/volume] in Serum or Plasma: 6.0596 g/dL

Albumin [Mass/volume] in Serum or Plasma: 3.9159 g/dL

Globulin [Mass/volume] in Serum by calculation: 3.1583 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.7706 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 101.27 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 21.804 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 23.77 U/L

Leukocytes [# /volume] in Blood by Automated count: $3.0283 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.606 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 9.3583 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 28.956 %

MCV [Entitic volume] by Automated count: 83.654 fL

MCH [Entitic mass] by Automated count: 28.442 pg

MCHC [Mass/volume] by Automated count: 33.41 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 45.947 fL

Platelets [# /volume] in Blood by Automated count: $234.73 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 496.27 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 10.787 fL

Glucose [Mass/volume] in Blood: 89.94 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.59 mg/dL

Creatinine [Mass/volume] in Blood: 3.468 mg/dL

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

Sodium [Moles/volume] in Blood: 143.75 mmol/L

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

Chloride [Moles/volume] in Blood: 101.62 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 20.18 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: 6.3347 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9768 g/dL

Globulin [Mass/volume] in Serum by calculation: 3.2956 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.8088 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 52.703 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 20.436 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 26.261 U/L

Leukocytes [# /volume] in Blood by Automated count: $1.0743 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.4293 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 6.1196 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 29.279 %

MCV [Entitic volume] by Automated count: 84.957 fL

MCH [Entitic mass] by Automated count: 32.21 pg

MCHC [Mass/volume] by Automated count: 35.492 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 44.727 fL

Platelets [# /volume] in Blood by Automated count: $437.83 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 412.84 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 10.762 fL

Glucose [Mass/volume] in Blood: 78.43 mg/dL

Urea nitrogen [Mass/volume] in Blood: 8.05 mg/dL

Creatinine [Mass/volume] in Blood: 2.5271 mg/dL

Calcium [Mass/volume] in Blood: 9.53 mg/dL

Sodium [Moles/volume] in Blood: 137.52 mmol/L

Potassium [Moles/volume] in Blood: 4.17 mmol/L

Chloride [Moles/volume] in Blood: 109.41 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.22 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: 7.0474 g/dL

Albumin [Mass/volume] in Serum or Plasma: 5.2035 g/dL

Globulin [Mass/volume] in Serum by calculation: 2.0764 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 1.1916 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 102.07 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 22.352 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 31.075 U/L

Leukocytes [# /volume] in Blood by Automated count: $3.5804 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $5.3975 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 9.942 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 29.435 %

MCV [Entitic volume] by Automated count: 86.56 fL

MCH [Entitic mass] by Automated count: 32.494 pg

MCHC [Mass/volume] by Automated count: 35.336 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 43.844 fL

Platelets [# /volume] in Blood by Automated count: $244.5 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 274.37 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 12.047 fL

Glucose [Mass/volume] in Blood: 79.1 mg/dL

Urea nitrogen [Mass/volume] in Blood: 7.78 mg/dL

Creatinine [Mass/volume] in Blood: 2.936 mg/dL

Calcium [Mass/volume] in Blood: 10.12 mg/dL

Sodium [Moles/volume] in Blood: 142.79 mmol/L

Potassium [Moles/volume] in Blood: 4.83 mmol/L

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

Carbon dioxide, total [Moles/volume] in Blood: 21.88 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: 6.7544 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.4338 g/dL

Globulin [Mass/volume] in Serum by calculation: 2.5638 g/L

Bilirubin.total [Mass/volume] in Serum or Plasma: 0.95803 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 115.99 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 51.579 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 10.443 U/L

Leukocytes [# /volume] in Blood by Automated count: $0.75665 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $3.9338 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 8.5913 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 32.506 %

MCV [Entitic volume] by Automated count: 82.261 fL

MCH [Entitic mass] by Automated count: 32.71 pg

MCHC [Mass/volume] by Automated count: 34.288 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 43.143 fL

Platelets [# /volume] in Blood by Automated count: $379.42 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 384.32 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 11.282 fL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.6 %

Glucose [Mass/volume] in Blood: 85.14 mg/dL

Urea nitrogen [Mass/volume] in Blood: 17.96 mg/dL

Creatinine [Mass/volume] in Blood: 1 mg/dL

Calcium [Mass/volume] in Blood: 8.88 mg/dL

Sodium [Moles/volume] in Blood: 142.69 mmol/L

Potassium [Moles/volume] in Blood: 5.08 mmol/L

Chloride [Moles/volume] in Blood: 103.07 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 21.71 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 250.38 mg/dL

Triglycerides: 103.54 mg/dL

Low Density Lipoprotein Cholesterol: 172.93 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 56.73 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 9.74 mg/g

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

Leukocytes [# /volume] in Blood by Automated count: $10.469 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $5.7847 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.763 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 38.005 %

MCV [Entitic volume] by Automated count: 86.83 fL

MCH [Entitic mass] by Automated count: 28.216 pg

MCHC [Mass/volume] by Automated count: 35.577 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 12.694 %

Platelets [# /volume] in Blood by Automated count: $168.38 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 69.72 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 7.49 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.9695 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 10.02 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 143.68 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.2 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 103.6 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 23.04 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: 7.6549 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9809 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 14.837 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 64.64 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 39.86 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 21.847 U/L

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

Phosphate [Mass/volume] in Serum or Plasma: 2.9617 mg/dL

Prothrombin time (PT): 11.045 s

INR in Platelet poor plasma by Coagulation assay: 1.0357 {INR}

aPTT in Blood by Coagulation assay: 30.788 s

pH of Arterial blood: 7.1232 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 42.988 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 89.491 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 23.868 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 287.79 mg/dL

Triglycerides: 104.03 mg/dL

Low Density Lipoprotein Cholesterol: 218.09 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 48.89 mg/dL

Troponin I.cardiac [Mass/volume] in Serum or Plasma by High sensitivity method: 0.017287 pg/mL

Thyrotropin [Units/volume] in Serum or Plasma: 3.6376 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: 1.0185 {SG}

pH of Urine by Test strip: 5.2231 [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: 36.923 %

Activated clotting time (ACT) of Blood by Coagulation assay: 127.71 s

pH of Arterial blood: 7.0371 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 41.703 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 81.76 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 25.097 mmol/L

pH of Venous blood: 7.3166 [pH]

Carbon dioxide [Partial pressure] in Venous blood: 37.756 mm[Hg]

Oxygen [Partial pressure] in Venous blood: 43.167 mm[Hg]

Bicarbonate [Moles/volume] in Venous blood: 23.997 mmol/L

Carbon dioxide, total [Moles/volume] in Venous blood: 1.3534 mmol/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2877 mg/dL

Leukocytes [# /volume] in Blood by Automated count: $7.8354 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $5.4023 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.062 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 40.79 %

MCV [Entitic volume] by Automated count: 84.164 fL

MCH [Entitic mass] by Automated count: 29.847 pg

MCHC [Mass/volume] by Automated count: 35.5 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.748 %

Platelets [# /volume] in Blood by Automated count: 206.78 $10^3/uL$

Glucose [Mass/volume] in Serum or Plasma: 80.2 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.28 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.8295 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.85 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 137.14 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.15 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.23 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.49 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: 7.6705 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.7025 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 12.727 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 60.612 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 23.597 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 16.238 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9751 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 3.2228 mg/dL

Prothrombin time (PT): 10.478 s

INR in Platelet poor plasma by Coagulation assay: 2.1406 {INR}

aPTT in Blood by Coagulation assay: 29.218 s

pH of Arterial blood: 6.9418 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 43.469 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 96.292 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 26.929 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 271.72 mg/dL

Triglycerides: 125.43 mg/dL

Low Density Lipoprotein Cholesterol: 180.78 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 65.85 mg/dL

Leukocytes [# /volume] in Blood by Automated count: $10.418 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.9827 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 12.916 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 36.221 %

MCV [Entitic volume] by Automated count: 80.582 fL

MCH [Entitic mass] by Automated count: 27.45 pg

MCHC [Mass/volume] by Automated count: 34.845 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.349 %

Platelets [# /volume] in Blood by Automated count: $438.2 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 80.2 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.28 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.5682 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.85 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 137.14 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.15 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.23 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.49 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: 6.6619 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.5167 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 8.7298 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 110.22 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 9.2989 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 33.947 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1388 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 4.2297 mg/dL

Prothrombin time (PT): 9.1583 s

INR in Platelet poor plasma by Coagulation assay: 1.146 {INR}

aPTT in Blood by Coagulation assay: 31.603 s

pH of Arterial blood: 7.1186 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 42.799 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 89.895 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 25.889 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 271.72 mg/dL

Triglycerides: 125.43 mg/dL

Low Density Lipoprotein Cholesterol: 180.78 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 65.85 mg/dL

Leukocytes [# /volume] in Blood by Automated count: 5.9553 10³/uL

Erythrocytes [# /volume] in Blood by Automated count: 5.5983 10⁶/uL

Hemoglobin [Mass/volume] in Blood: 13.64 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 43.227 %

MCV [Entitic volume] by Automated count: 86.97 fL

MCH [Entitic mass] by Automated count: 30.152 pg

MCHC [Mass/volume] by Automated count: 35.534 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.282 %

Platelets [# /volume] in Blood by Automated count: 248.58 $10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 80.2 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.28 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.6758 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.85 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 137.14 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.15 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.23 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.49 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: 7.1582 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.0039 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 8.1376 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 48.347 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 35.786 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 33.511 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.1079 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 3.1753 mg/dL

Prothrombin time (PT): 10.638 s

INR in Platelet poor plasma by Coagulation assay: 1.0846 {INR}

aPTT in Blood by Coagulation assay: 25.468 s

pH of Arterial blood: 7.2436 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 41.788 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 99.804 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 25.829 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 271.72 mg/dL

Triglycerides: 125.43 mg/dL

Low Density Lipoprotein Cholesterol: 180.78 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 65.85 mg/dL

Leukocytes [# /volume] in Blood by Automated count: $8.4472 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $3.8551 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.729 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 50.47 %

MCV [Entitic volume] by Automated count: 83.379 fL

MCH [Entitic mass] by Automated count: 31.341 pg

MCHC [Mass/volume] by Automated count: 34.288 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 15.201 %

Platelets [# /volume] in Blood by Automated count: $211.44 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 80.2 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 13.28 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.9426 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 9.85 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 137.14 mmol/L

Potassium [Moles/volume] in Serum or Plasma: 4.15 mmol/L

Chloride [Moles/volume] in Serum or Plasma: 106.23 mmol/L

Carbon dioxide, total [Moles/volume] in Serum or Plasma: 25.49 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: 7.1097 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.9553 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 6.0635 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 84.82 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 15.304 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 16.727 U/L

Magnesium [Mass/volume] in Serum or Plasma: 2.2031 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 2.7225 mg/dL

Prothrombin time (PT): 9.5095 s

INR in Platelet poor plasma by Coagulation assay: 2.1518 {INR}

aPTT in Blood by Coagulation assay: 37.658 s

pH of Arterial blood: 7.1498 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 44.356 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 87.252 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 26.272 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 271.72 mg/dL

Triglycerides: 125.43 mg/dL

Low Density Lipoprotein Cholesterol: 180.78 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 65.85 mg/dL

Glucose [Mass/volume] in Urine by Test strip: 8.9298 mg/dL

Ketones [Presence] in Urine by Test strip: None None

Specific gravity of Urine by Test strip: 1.0189 {nominal}

pH of Urine by Test strip: 6.3097 pH

Protein [Mass/volume] in Urine by Test strip: 8.9349 mg/dL

Nitrite [Presence] in Urine by Test strip: None None

Hemoglobin [Presence] in Urine by Test strip: None None

Leukocyte esterase [Presence] in Urine by Test strip: None None

WBCs: 18.956 /[HPF]

RBCs: 2.3718 /[HPF]

Epithelial Cells: 1.8667 /[HPF]

Casts: None None

Mucus Threads: None None

Bacteria: None None

Bacteria identified in Urine by Culture: None None

Glucose [Mass/volume] in Urine by Test strip: 6.7948 mg/dL

Ketones [Presence] in Urine by Test strip: None None

Specific gravity of Urine by Test strip: 1.0224 {nominal}

pH of Urine by Test strip: 6.3483 pH

Protein [Mass/volume] in Urine by Test strip: 1.0815 mg/dL

Nitrite [Presence] in Urine by Test strip: None None

Hemoglobin [Presence] in Urine by Test strip: None None

Leukocyte esterase [Presence] in Urine by Test strip: None None

WBCs: 19.952 /[HPF]

RBCs: 2.7979 /[HPF]

Epithelial Cells: 3.4189 /[HPF]

Casts: None None

Mucus Threads: None None

Bacteria: None None

Bacteria identified in Urine by Culture: None None

Hemoglobin A1c/Hemoglobin.total in Blood: 5.75 %

Glucose [Mass/volume] in Blood: 69.75 mg/dL

Urea nitrogen [Mass/volume] in Blood: 18.39 mg/dL

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

Calcium [Mass/volume] in Blood: 8.94 mg/dL

Sodium [Moles/volume] in Blood: 137.96 mmol/L

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

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

Carbon dioxide, total [Moles/volume] in Blood: 26.07 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 289.91 mg/dL

Triglycerides: 141.01 mg/dL

Low Density Lipoprotein Cholesterol: 207.75 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 53.96 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 7.07 mg/g

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

Hemoglobin A1c/Hemoglobin.total in Blood: 5.9 %

Glucose [Mass/volume] in Blood: 89 mg/dL

Urea nitrogen [Mass/volume] in Blood: 18.73 mg/dL

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

Calcium [Mass/volume] in Blood: 8.56 mg/dL

Sodium [Moles/volume] in Blood: 140.86 mmol/L

Potassium [Moles/volume] in Blood: 4.63 mmol/L

Chloride [Moles/volume] in Blood: 108.05 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 25.01 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 280.53 mg/dL

Triglycerides: 130.31 mg/dL

Low Density Lipoprotein Cholesterol: 198.11 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 56.36 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 5.25 mg/g

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

Hemoglobin A1c/Hemoglobin.total in Blood: 5.95 %

Glucose [Mass/volume] in Blood: 89.3 mg/dL

Urea nitrogen [Mass/volume] in Blood: 16.38 mg/dL

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

Calcium [Mass/volume] in Blood: 9 mg/dL

Sodium [Moles/volume] in Blood: 143.9 mmol/L

Potassium [Moles/volume] in Blood: 4.29 mmol/L

Chloride [Moles/volume] in Blood: 101.33 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 28.29 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 285.52 mg/dL

Triglycerides: 106.93 mg/dL

Low Density Lipoprotein Cholesterol: 215.17 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 48.96 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 16.79 mg/g

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

Hemoglobin A1c/Hemoglobin.total in Blood: 6.02 %

Glucose [Mass/volume] in Blood: 89.03 mg/dL

Urea nitrogen [Mass/volume] in Blood: 8.35 mg/dL

Creatinine [Mass/volume] in Blood: 1.23 mg/dL

Calcium [Mass/volume] in Blood: 9.33 mg/dL

Sodium [Moles/volume] in Blood: 142 mmol/L

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

Chloride [Moles/volume] in Blood: 110.92 mmol/L

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

Cholesterol [Mass/volume] in Serum or Plasma: 282.44 mg/dL

Triglycerides: 134.87 mg/dL

Low Density Lipoprotein Cholesterol: 193.83 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 61.63 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 12.24 mg/g

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

Hemoglobin A1c/Hemoglobin.total in Blood: 6.02 %

Glucose [Mass/volume] in Blood: 98.04 mg/dL

Urea nitrogen [Mass/volume] in Blood: 9.69 mg/dL

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

Calcium [Mass/volume] in Blood: 8.95 mg/dL

Sodium [Moles/volume] in Blood: 138.22 mmol/L

Potassium [Moles/volume] in Blood: 5.01 mmol/L

Chloride [Moles/volume] in Blood: 101.64 mmol/L

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

Cholesterol [Mass/volume] in Serum or Plasma: 253.98 mg/dL

Triglycerides: 113.55 mg/dL

Low Density Lipoprotein Cholesterol: 180.77 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 50.5 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 6.15 mg/g

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

Hemoglobin A1c/Hemoglobin.total in Blood: 6.02 %

Glucose [Mass/volume] in Blood: 77.53 mg/dL

Urea nitrogen [Mass/volume] in Blood: 7.62 mg/dL

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

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

Sodium [Moles/volume] in Blood: 143.29 mmol/L

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

Chloride [Moles/volume] in Blood: 110.47 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 27.3 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 279.17 mg/dL

Triglycerides: 106.34 mg/dL

Low Density Lipoprotein Cholesterol: 204.04 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 53.86 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 1.56 mg/g

Leukocytes [# /volume] in Blood by Automated count: $7.15 \cdot 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.6527 \cdot 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.939 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 35.185 %

MCV [Entitic volume] by Automated count: 80.742 fL

MCH [Entitic mass] by Automated count: 28.049 pg

MCHC [Mass/volume] by Automated count: 34.367 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 41.566 fL

Platelets [# /volume] in Blood by Automated count: $176.38 \cdot 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 351.1 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 9.9233 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: 6.02 %

Glucose [Mass/volume] in Blood: 78.26 mg/dL

Urea nitrogen [Mass/volume] in Blood: 15.95 mg/dL

Creatinine [Mass/volume] in Blood: 1.23 mg/dL

Calcium [Mass/volume] in Blood: 9.49 mg/dL

Sodium [Moles/volume] in Blood: 142.76 mmol/L

Potassium [Moles/volume] in Blood: 5 mmol/L

Chloride [Moles/volume] in Blood: 107.37 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.7 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 299.75 mg/dL

Triglycerides: 115.79 mg/dL

Low Density Lipoprotein Cholesterol: 218.41 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 58.18 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 3.89 mg/g

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

Hemoglobin A1c/Hemoglobin.total in Blood: 6.02 %

Glucose [Mass/volume] in Blood: 66.23 mg/dL

Urea nitrogen [Mass/volume] in Blood: 13.6 mg/dL

Creatinine [Mass/volume] in Blood: 0.98 mg/dL

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

Sodium [Moles/volume] in Blood: 137.38 mmol/L

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

Chloride [Moles/volume] in Blood: 106.35 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.36 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 255.89 mg/dL

Triglycerides: 137.31 mg/dL

Low Density Lipoprotein Cholesterol: 166.61 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 61.81 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 9.2 mg/g

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

Hemoglobin A1c/Hemoglobin.total in Blood: 6.02 %

Glucose [Mass/volume] in Blood: 69.86 mg/dL

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

Creatinine [Mass/volume] in Blood: 0.98 mg/dL

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

Sodium [Moles/volume] in Blood: 136.86 mmol/L

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

Chloride [Moles/volume] in Blood: 104.05 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 21.16 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 277.94 mg/dL

Triglycerides: 129.2 mg/dL

Low Density Lipoprotein Cholesterol: 184.6 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 67.5 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 11.76 mg/g

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

Hemoglobin A1c/Hemoglobin.total in Blood: 6.02 %

Glucose [Mass/volume] in Blood: 74.43 mg/dL

Urea nitrogen [Mass/volume] in Blood: 8.42 mg/dL

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

Calcium [Mass/volume] in Blood: 9.68 mg/dL

Sodium [Moles/volume] in Blood: 139.27 mmol/L

Potassium [Moles/volume] in Blood: 4.41 mmol/L

Chloride [Moles/volume] in Blood: 104.67 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.53 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 288.15 mg/dL

Triglycerides: 135.07 mg/dL

Low Density Lipoprotein Cholesterol: 200.97 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 60.16 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 9.1 mg/g

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