

Blood Test Report

Patient ID: Stefan297_King743_d40ea80c-bc59-692a-0ac9-ad1a29fbbff6

Hemoglobin A1c/Hemoglobin.total in Blood: 7.53 %

Glucose [Mass/volume] in Blood: 116.36 mg/dL

Urea nitrogen [Mass/volume] in Blood: 14.94 mg/dL

Creatinine [Mass/volume] in Blood: 1.33 mg/dL

Calcium [Mass/volume] in Blood: 8.54 mg/dL

Sodium [Moles/volume] in Blood: 142.06 mmol/L

Potassium [Moles/volume] in Blood: 3.79 mmol/L

Chloride [Moles/volume] in Blood: 101.58 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 27.77 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 229.81 mg/dL

Triglycerides: 162.58 mg/dL

Low Density Lipoprotein Cholesterol: 141.57 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 55.72 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 4.5 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: 5.34 %

Glucose [Mass/volume] in Blood: 135.63 mg/dL

Urea nitrogen [Mass/volume] in Blood: 14.83 mg/dL

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

Calcium [Mass/volume] in Blood: 10.19 mg/dL

Sodium [Moles/volume] in Blood: 136.23 mmol/L

Potassium [Moles/volume] in Blood: 5.06 mmol/L

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

Carbon dioxide, total [Moles/volume] in Blood: 23.84 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 256.35 mg/dL

Triglycerides: 447.16 mg/dL

Low Density Lipoprotein Cholesterol: 145.88 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 21.03 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 10.48 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: $9.4952 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $3.8506 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 13.786 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 41.416 %

MCV [Entitic volume] by Automated count: 83.529 fL

MCH [Entitic mass] by Automated count: 26.752 pg

MCHC [Mass/volume] by Automated count: 33.724 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.618 %

Platelets [# /volume] in Blood by Automated count: $307.59 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 125.04 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 8.59 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.9956 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 8.62 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 141.2 mmol/L

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

Chloride [Moles/volume] in Serum or Plasma: 108.55 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: 6.7568 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.7658 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 11.976 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 77.717 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 8.152 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 30.999 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.7429 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 2.8887 mg/dL

Prothrombin time (PT): 10.428 s

INR in Platelet poor plasma by Coagulation assay: 1.0942 {INR}

aPTT in Blood by Coagulation assay: 29.149 s

pH of Arterial blood: 7.248 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 36.924 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 96.981 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 26.784 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 257.53 mg/dL

Triglycerides: 408.85 mg/dL

Low Density Lipoprotein Cholesterol: 139.43 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 36.34 mg/dL

Activated clotting time (ACT) of Blood by Coagulation assay: 124.88 s

pH of Arterial blood: 7.0106 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 35.774 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 83.57 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 26.098 mmol/L

pH of Venous blood: 7.3997 [pH]

Carbon dioxide [Partial pressure] in Venous blood: 43.48 mm[Hg]

Oxygen [Partial pressure] in Venous blood: 38.852 mm[Hg]

Bicarbonate [Moles/volume] in Venous blood: 22.909 mmol/L

Carbon dioxide, total [Moles/volume] in Venous blood: 1.0904 mmol/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8304 mg/dL

Leukocytes [# /volume] in Blood by Automated count: $3.7071 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $5.0474 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 11.87 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 47.289 %

MCV [Entitic volume] by Automated count: 81.622 fL

MCH [Entitic mass] by Automated count: 32.089 pg

MCHC [Mass/volume] by Automated count: 34.09 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 13.355 %

Platelets [# /volume] in Blood by Automated count: $304.24 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 125.04 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 8.59 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.7196 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 8.62 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 141.2 mmol/L

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

Chloride [Moles/volume] in Serum or Plasma: 108.55 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: 7.85 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.0948 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 12.151 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 58.313 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 30.6 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 5.2594 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.9016 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 3.4754 mg/dL

Prothrombin time (PT): 9.1761 s

INR in Platelet poor plasma by Coagulation assay: 1.0874 {INR}

aPTT in Blood by Coagulation assay: 25.405 s

pH of Arterial blood: 6.8078 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 41.732 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 96.266 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 26.368 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 257.53 mg/dL

Triglycerides: 408.85 mg/dL

Low Density Lipoprotein Cholesterol: 139.43 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 36.34 mg/dL

Leukocytes [# /volume] in Blood by Automated count: $8.2568 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.678 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 16.548 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 38.381 %

MCV [Entitic volume] by Automated count: 93.177 fL

MCH [Entitic mass] by Automated count: 31.025 pg

MCHC [Mass/volume] by Automated count: 33.204 g/dL

Erythrocyte distribution width [Ratio] by Automated count: 14.867 %

Platelets [# /volume] in Blood by Automated count: $309.95 \times 10^3/\mu\text{L}$

Glucose [Mass/volume] in Serum or Plasma: 125.04 mg/dL

Urea nitrogen [Mass/volume] in Serum or Plasma: 8.59 mg/dL

Creatinine [Mass/volume] in Serum or Plasma: 2.9986 mg/dL

Calcium [Mass/volume] in Serum or Plasma: 8.62 mg/dL

Sodium [Moles/volume] in Serum or Plasma: 141.2 mmol/L

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

Chloride [Moles/volume] in Serum or Plasma: 108.55 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: 8.3043 g/dL

Albumin [Mass/volume] in Serum or Plasma: 4.3649 g/dL

Bilirubin.total [Mass/volume] in Serum or Plasma: 14.002 mg/dL

Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma: 75.336 U/L

Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 30.021 U/L

Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma: 21.666 U/L

Magnesium [Mass/volume] in Serum or Plasma: 1.8427 mg/dL

Phosphate [Mass/volume] in Serum or Plasma: 3.5493 mg/dL

Prothrombin time (PT): 9.4547 s

INR in Platelet poor plasma by Coagulation assay: 0.92847 {INR}

aPTT in Blood by Coagulation assay: 38.345 s

pH of Arterial blood: 7.2786 [pH]

Carbon dioxide [Partial pressure] in Arterial blood: 39.752 mm[Hg]

Oxygen [Partial pressure] in Arterial blood: 91.104 mm[Hg]

Bicarbonate [Moles/volume] in Arterial blood: 26.76 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 257.53 mg/dL

Triglycerides: 408.85 mg/dL

Low Density Lipoprotein Cholesterol: 139.43 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 36.34 mg/dL

Hemoglobin A1c/Hemoglobin.total in Blood: 5.51 %

Glucose [Mass/volume] in Blood: 177.79 mg/dL

Urea nitrogen [Mass/volume] in Blood: 7.8 mg/dL

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

Calcium [Mass/volume] in Blood: 9.09 mg/dL

Sodium [Moles/volume] in Blood: 137.11 mmol/L

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

Chloride [Moles/volume] in Blood: 104.5 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 27.36 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 255.8 mg/dL

Triglycerides: 339.45 mg/dL

Low Density Lipoprotein Cholesterol: 159.76 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 28.15 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 10.75 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: 5.69 %

Glucose [Mass/volume] in Blood: 198.17 mg/dL

Urea nitrogen [Mass/volume] in Blood: 7.44 mg/dL

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

Calcium [Mass/volume] in Blood: 9.06 mg/dL

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

Potassium [Moles/volume] in Blood: 4.07 mmol/L

Chloride [Moles/volume] in Blood: 110.06 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 25.46 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 255.47 mg/dL

Triglycerides: 498.48 mg/dL

Low Density Lipoprotein Cholesterol: 134.69 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 21.08 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 2.69 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: 5.87 %

Glucose [Mass/volume] in Blood: 182.5 mg/dL

Urea nitrogen [Mass/volume] in Blood: 18.48 mg/dL

Creatinine [Mass/volume] in Blood: 1.26 mg/dL

Calcium [Mass/volume] in Blood: 9.51 mg/dL

Sodium [Moles/volume] in Blood: 136.01 mmol/L

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

Chloride [Moles/volume] in Blood: 110.42 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.33 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 243.54 mg/dL

Triglycerides: 379.98 mg/dL

Low Density Lipoprotein Cholesterol: 140.17 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 27.38 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 8.95 mg/g

Leukocytes [# /volume] in Blood by Automated count: $6.8588 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $4.4307 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 17.017 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 44.301 %

MCV [Entitic volume] by Automated count: 92.7 fL

MCH [Entitic mass] by Automated count: 32.633 pg

MCHC [Mass/volume] by Automated count: 33.254 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 45.039 fL

Platelets [# /volume] in Blood by Automated count: 177.8 10³/uL

Platelet distribution width [Entitic volume] in Blood by Automated count: 177.39 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 11.936 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: 6.03 %

Glucose [Mass/volume] in Blood: 76.37 mg/dL

Urea nitrogen [Mass/volume] in Blood: 10.88 mg/dL

Creatinine [Mass/volume] in Blood: 1.32 mg/dL

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

Sodium [Moles/volume] in Blood: 142.5 mmol/L

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

Chloride [Moles/volume] in Blood: 106.52 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 24.01 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 164.8 mg/dL

Triglycerides: 136.39 mg/dL

Low Density Lipoprotein Cholesterol: 83.48 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 54.04 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 7.89 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: 5.4 %

Glucose [Mass/volume] in Blood: 74.31 mg/dL

Urea nitrogen [Mass/volume] in Blood: 11.58 mg/dL

Creatinine [Mass/volume] in Blood: 1.31 mg/dL

Calcium [Mass/volume] in Blood: 9.01 mg/dL

Sodium [Moles/volume] in Blood: 136.43 mmol/L

Potassium [Moles/volume] in Blood: 5.02 mmol/L

Chloride [Moles/volume] in Blood: 101.56 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 22.55 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 124.42 mg/dL

Triglycerides: 119.61 mg/dL

Low Density Lipoprotein Cholesterol: 44.74 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 55.77 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 16.85 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: 5.56 %

Glucose [Mass/volume] in Blood: 89.97 mg/dL

Urea nitrogen [Mass/volume] in Blood: 15.68 mg/dL

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

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

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

Potassium [Moles/volume] in Blood: 4.59 mmol/L

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

Carbon dioxide, total [Moles/volume] in Blood: 27.82 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 196.84 mg/dL

Triglycerides: 137.86 mg/dL

Low Density Lipoprotein Cholesterol: 109.57 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 59.7 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 10.79 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: 5.72 %

Glucose [Mass/volume] in Blood: 87.97 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.9 mg/dL

Creatinine [Mass/volume] in Blood: 1.16 mg/dL

Calcium [Mass/volume] in Blood: 10.05 mg/dL

Sodium [Moles/volume] in Blood: 137.24 mmol/L

Potassium [Moles/volume] in Blood: 5.09 mmol/L

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

Carbon dioxide, total [Moles/volume] in Blood: 25.93 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 180.66 mg/dL

Triglycerides: 141.66 mg/dL

Low Density Lipoprotein Cholesterol: 99.45 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 52.88 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 5.81 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: 5.88 %

Glucose [Mass/volume] in Blood: 76.39 mg/dL

Urea nitrogen [Mass/volume] in Blood: 19.57 mg/dL

Creatinine [Mass/volume] in Blood: 1.17 mg/dL

Calcium [Mass/volume] in Blood: 9.75 mg/dL

Sodium [Moles/volume] in Blood: 136.35 mmol/L

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

Chloride [Moles/volume] in Blood: 101.37 mmol/L

Carbon dioxide, total [Moles/volume] in Blood: 26.99 mmol/L

Cholesterol [Mass/volume] in Serum or Plasma: 158.5 mg/dL

Triglycerides: 119.86 mg/dL

Low Density Lipoprotein Cholesterol: 77.85 mg/dL

Cholesterol in HDL [Mass/volume] in Serum or Plasma: 56.68 mg/dL

Microalbumin/Creatinine [Mass Ratio] in Urine: 7.4 mg/g

Leukocytes [# /volume] in Blood by Automated count: $9.9153 \times 10^3/\mu\text{L}$

Erythrocytes [# /volume] in Blood by Automated count: $5.1248 \times 10^6/\mu\text{L}$

Hemoglobin [Mass/volume] in Blood: 14.79 g/dL

Hematocrit [Volume Fraction] of Blood by Automated count: 46.123 %

MCV [Entitic volume] by Automated count: 92.323 fL

MCH [Entitic mass] by Automated count: 32.157 pg

MCHC [Mass/volume] by Automated count: 33.746 g/dL

Erythrocyte distribution width [Entitic volume] by Automated count: 40.99 fL

Platelets [# /volume] in Blood by Automated count: $203.02 \times 10^3/\mu\text{L}$

Platelet distribution width [Entitic volume] in Blood by Automated count: 213.19 fL

Platelet mean volume [Entitic volume] in Blood by Automated count: 12.28 fL

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