# DIACHECK CALIBRATOR

LOT 1182603 | REF CC4983 | 11.03.2028 | IVD CE

| ANALYTE | METHOD | TARGET | UNITS |
|---|---|---|---|
| **Total Acid Phosphatase** | Naphtyl Phosphate, Kinetic 37oC | 47.39 | U/L |
| **α-HBDH** | Oxobutyrate <10 mmol/l 37°C | 347.22 | U/L |
| **Albumin** | Bromocresol Green (BCG) | 38.70 | g/L |
| | | 3.87 | g/dl |
| | Bromocresol Purple (BCP) | 30.50 | g/L |
| | | 3.05 | g/dl |
| | Turbidimetric / Turbilatex | 29.37 | g/L |
| | | 2.94 | g/dl |
| **Alkaline Phosphatase** | Diethanolamine buffer DEA 37°C | 435.00 | U/L |
| | AMP optimised to IFCC 37°C | 405.98 | U/L |
| | AMP non-optimised 37°C | 383.30 | U/L |
| | Colorimetric 37°C | 376.50 | U/L |
| **ALT (GPT)** | Colorimetric 37°C | 146.11 | U/L |
| | Tris buffer with P5P 37°C | 160.07 | U/L |
| | Tris buffer without P5P 37°C | 117.00 | U/L |
| **Amylase (Pancreatic)** | Immunoinhibition EPS SUBSTRATE 37°C | 214.79 | U/L |
| | EPS Liquid Stable 37°C | 200.95 | U/L |
| | Ethylidene pNPG7 Liquid Stable 37°C | 304.00 | U/L |
| **AST (GOT)** | Tris buffer with P5P 37°C | 207.60 | U/L |
| | Tris buffer without P5P 37°C | 110.00 | U/L |
| | Tris buffer with P5P NVKC 37°C | 200.80 | U/L |
| **Bicarbonate** | Colorimetric | 17.48 | mmol/L |
| | Enzymatic | 18.32 | mmol/L |
| **Bile Acids** | 4th Generation Colorimetric | 47.96 | umol/L |
| | 5th Generation Colorimetric | 47.53 | umol/L |
| **Bilirubin, Direct** | Diazo with Sulphanilic Acid | 37.48 | µmol/L |
| | | 2.20 | mg/dl |
| | DMSO | 32.83 | µmol/L |
| | | 1.92 | mg/dl |
| | Oxidation to Biliverdin/Vanadate | 32.80 | µmol/L |
| | | 2.05 | mg/dl |
| | Modified Jendrassik | 44.12 | µmol/L |
| | | 2.58 | mg/dl |
| **Bilirubin, Total** | DMSO | 107.24 | µmol/L |
| | | 6.27 | mg/dl |
| | Diazo with Sulphanilic Acid | 107.16 | µmol/L |
| | | 6.27 | mg/dl |
| | Dichlorophenyl Diazonium (DPD) | 96.71 | µmol/L |
| | | 5.67 | mg/dl |
| | Nitrobenzenediazonium salt | 106.65 | µmol/L |
| | | 6.25 | mg/dl |
| | Diazonium ion | 100.73 | µmol/L |
| | | 5.89 | mg/dl |
| | Oxidation to Biliverdin/Vanadate | 112.80 | µmol/L |
| | | 6.59 | mg/dl |

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| **Calcium** | Cresolphthalein complexone | 3.41 | mmol/L |
| | | 12.40 | mg/dl |
| | Ion selective electrode | 3.14 | mmol/L |
| | | 12.59 | mg/dl |
| | Arsenazo III | 3.17 | mmol/L |
| | | 12.40 | mg/dl |
| | NM-BAPTA | 3.18 | mmol/L |
| | | 12.68 | mg/dl |
| **Chloride** | Thiocyanate | 109.15 | mmol/L |
| | ISE direct | 112.11 | mmol/L |
| | ISE indirect | 112.11 | mmol/L |
| **Cholesterol** | Cholesterol Oxidase - Abell Kendall | 7.11 | mmol/L |
| | | 275.00 | mg/dl |
| | Cholesterol Oxidase - IDMS | 7.72 | mmol/L |
| | | 297.59 | mg/dl |
| | Cholesterol Dehydrogenase | 7.67 | mmol/L |
| | | 295.66 | mg/dl |
| **Cholinesterase** | Butyrylthiocholine (Colourimetric) 37°C | 5877.70 | U/L |
| **CK-Nac** | CK-NAC serum start (DGKC) 37°C | 575.04 | U/L |
| | CK-NAC substrate start (DGKC) 37°C | 582.83 | U/L |
| | CK-NAC (IFCC) 37°C | 400.00 | U/L |
| **Copper** | Atomic absorption | 33.84 | µmol/L |
| | | 215.21 | µg/dl |
| | Colorimetric | 32.93 | µmol/L |
| | | 210.03 | µg/dl |
| **Creatinine** | Alkaline picrate with deproteinization | 323.12 | µmol/L |
| | | 3.65 | mg/dl |
| | Alkaline picrate no deproteinization | 325.75 | µmol/L |
| | | 3.68 | mg/dl |
| | Enzymatic UV method | 345.27 | µmol/L |
| | | 3.90 | mg/dl |
| | Creatinine PAP method | 341.51 | µmol/L |
| | | 3.85 | mg/dl |
| | Jaffe rate blanked | 313.82 | µmol/L |
| | | 3.55 | mg/dl |
| | Jaffe rate blanked comp. (-26 µmol/l) | 357.28 | µmol/L |
| | | 4.04 | mg/dl |
| | Jaffe rate blanked compensated (-18 µmol/l) | 344.14 | µmol/L |
| | | 3.89 | mg/dl |
| | IDMS traceable | 338.01 | µmol/L |
| | | 3.83 | mg/dl |
| **Gamma-GT** | Gamma glutamyl.-3-carboxy-4-nitroanilide 37°C | 156.00 | U/L |
| | Gamma Glutamyl-3-Carboxy-4-nitroanilide (IFCC) 37°C | 180.00 | U/L |
| **GLDH** | Triethanolamine buffer 50 mmol 37°C | 30.54 | U/L |
| **Glucose** | Glucose dehydrogenase | 17.30 | mmol/L |
| | | 311.40 | mg/dl |
| | Hexokinase | 17.41 | mmol/L |
| | | 314.28 | mg/dl |
| | Glucose oxidase | 17.48 | mmol/L |
| | | 315.00 | mg/dl |
| **Iron** | Colorimetric with ppt.(Ferrene) | 37.60 | µmol/L |
| | | 210.06 | µg/dl |
| | Colorimetric without ppt. (Ferrozine) | 42.01 | µmol/L |
| | | 234.64 | µg/dl |

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| **HDL Cholesterol (Direct)** | Direct | 3.00 | mmol/L |
| | | 116.00 | mg/dl |
| **Lactate** | Ion selective electrode | 6.01 | mmol/L |
| | | 54.16 | mg/dl |
| | Colorimetric Lactate Oxidase | 6.20 | mmol/L |
| | | 55.79 | mg/dl |
| | Enzymatic Electrode | 5.94 | mmol/L |
| | | 53.51 | mg/dl |
| **LD (LDH) LACTATE DEHYDROGENASE** | P->L Scandinavian & Dutch 37°C | 526.00 | U/L |
| | P->L German methods 37°C | 590.47 | U/L |
| | P->L SFBC 37°C | 587.88 | U/L |
| | L->P 37°C | 315.00 | U/L |
| **LDL Cholesterol (Direct)** | Direct | 4.30 | mmol/L |
| | | 125.00 | mg/dl |
| **Lipase** | Colorimetric 37°C | 62.00 | U/L |
| **Lithium** | Ion Selective Electrode | 1.99 | mmol/L |
| | | 1.38 | mg/dl |
| | Spectrophotometric | 1.98 | mmol/L |
| | | 1.35 | mg/dl |
| **Magnesium** | Arsenazo III | 1.86 | mmol/L |
| | | 4.52 | mg/dl |
| | Calmagite | 1.75 | mmol/L |
| | | 4.25 | mg/dl |
| | Xylidyl Blue | 1.78 | mmol/L |
| | | 4.33 | mg/dl |
| | Methylthymol blue | 1.82 | mmol/L |
| | | 4.42 | mg/dl |
| | Chlorphosphonazo III | 1.29 | mmol/L |
| | | 3.15 | mg/dl |
| | Enzymatic | 1.76 | mmol/L |
| | | 4.28 | mg/dl |
| **Osmolality** | Calculated | 356.00 | mOsm/kg |
| | Freezing point depression | 380.00 | mOsm/kg |
| **Phosphate Inorganic** | Phosphomolybdate enzymatic | 2.72 | mmol/L |
| | | 8.42 | mg/dl |
| | Phosphomolybdate UV | 2.51 | mmol/L |
| | | 7.80 | mg/dl |
| **Potassium** | ISE method - direct | 6.50 | mmol/L |
| | ISE method - indirect | 6.38 | mmol/L |
| | Enzymatic | 6.24 | mmol/L |
| **Protein, Total** | Biuret reaction end point | 50.00 | g/L |
| | | 5.00 | g/dl |
| | Biuret reaction kinetic | 470.00 | g/L |
| | | 4.70 | g/dl |
| **Sodium** | ISE method - direct | 160.60 | mmol/L |
| | ISE method - indirect | 162.63 | mmol/L |
| | Enzymatic | 153.00 | mmol/L |