

|  | Method<br>Methode<br>Método<br>Méthode             | SI Unit<br>SI Einheit<br>Unitad SI<br>Unité SI | Mean<br>Mittelwert<br>Media<br>Moyenne | Range<br>Bereich<br>Rango<br>Plage de valeurs | Unit<br>Einheit<br>Unitad<br>Unité | Mean<br>Mittelwert<br>Media<br>Moyenne | Range<br>Bereich<br>Rango<br>Plage de valeurs |
|--|--|--|--|---|------------------------------------|--|---|
| <b>HUMAN reagent kits</b>  |  |  |  |   |                                    |  |   |
| ACID PHOSPHATASE   | a-Naphthylphosphate, Hillmann mod., 37°C           | µkat/l   | 0.235                                  | 0.157 - 0.313                                 | U/l                                | 14.1                                   | 9.45 - 18.8                                   |
| ALBUMIN Iiquicolor   | Bromcresol green                                   | g/l  | 44.8                                   | 34.5 - 55.1                                   | g/dl                               | 4.48                                   | 3.45 - 5.51                                   |
| ALKALINE PHOSPHATASE Iiquicolor  | AMP buffer, 37°C, IFCC                             | µkat/l   | 7.52                                   | 5.64 - 9.40                                   | U/l                                | 451                                    | 338 - 564                                     |
| ALKALINE PHOSPHATASE opt. Iiquicolor                                   | DEA Buffer, 37°C, GSCC/DGKC                        | µkat/l   | 7.75                                   | 5.81 - 9.69                                   | U/l                                | 465                                    | 349 - 581                                     |
| alpha-AMYLASE Iiquicolor   | CNPG3, 37°C, IFCC                                  | µkat/l   | 2.3                                    | 1.81 - 2.72                                   | U/l                                | 136                                    | 109 - 163                                     |
| auto-BILIRUBIN-D Iiquicolor  | DPD method   | µmol/l   | 58.0                                   | 42.9 - 73.1                                   | mg/dl                              | 3.39                                   | 2.51 - 4.27                                   |
| auto-BILIRUBIN-T Iiquicolor  | DPD method   | µmol/l   | 79.7                                   | 59.0 - 100                                    | mg/dl                              | 4.66                                   | 3.45 - 5.87                                   |
| BILIRUBIN Iiquicolor   | DCA method   | µmol/l   | 68.4                                   | 50.6 - 86.2                                   | mg/dl                              | 4.00                                   | 2.96 - 5.04                                   |
| BILIRUBIN DIRECT/TOTAL Iiquicolor<br>Determination of Bilirubin direct | Jendrassik-Gróf                                    | µmol/l   | 48.6                                   | 35.9 - 61.2                                   | mg/dl                              | 2.84                                   | 2.10 - 3.58                                   |
| BILIRUBIN DIRECT/TOTAL Iiquicolor<br>Determination of Bilirubin total  | Jendrassik-Gróf                                    | µmol/l   | 79.5                                   | 58.9 - 100                                    | mg/dl                              | 4.65                                   | 3.44 - 5.86                                   |
| CALCIUM Iiquicolor   | Ortho-cresolphthalein                              | mmol/l   | 3.23                                   | 2.87 - 3.58                                   | mg/dl                              | 12.9                                   | 11.5 - 14.3                                   |
| Chloride   | ISE direct   | mmol/l   | 122                                    | 111 - 133                                     | mg/dl                              | 432                                    | 394 - 471                                     |
| CHLORIDE Iiquicolor  | TPTZ method  | mmol/l   | 118                                    | 107 - 129                                     | mg/dl                              | 418                                    | 381 - 456                                     |
| CHOLESTEROL Iiquicolor   | CHOD-PAP   | mmol/l   | 6.23                                   | 5.36 - 7.10                                   | mg/dl                              | 241                                    | 207 - 275                                     |
| CK NAC activated   | Enzymatic, 37°C                                    | µkat/l   | 8.49                                   | 6.79 - 10.2                                   | U/l                                | 509                                    | 407 - 611                                     |
| CK NAC activated IiquiUV   | Enzymatic, 37°C, IFCC                              | µkat/l   | 8.65                                   | 6.92 - 10.4                                   | U/l                                | 519                                    | 415 - 623                                     |
| auto-CREATININE Iiquicolor   | Jaffé  | µmol/l   | 388                                    | 303 - 473                                     | mg/dl                              | 4.39                                   | 3.42 - 5.36                                   |
| CREATININE Iiquicolor  | Jaffé  | µmol/l   | 386                                    | 301 - 471                                     | mg/dl                              | 4.37                                   | 3.41 - 5.33                                   |
| CREATININE (enzym) Iiquicolor  | Enzymatic  | µmol/l   | 409                                    | 319 - 499                                     | mg/dl                              | 4.63                                   | 3.61 - 5.65                                   |
| gamma-GT Iiquicolor  | Gamma-Glutamyl-3carboxy-4-nitroanilide, 37°C, IFCC | µkat/l   | 2.93                                   | 2.29 - 3.58                                   | U/l                                | 176                                    | 137 - 215                                     |
| GLUCOSE Iiquicolor   | GOD  | mmol/l   | 12.9                                   | 10.8 - 14.9                                   | mg/dl                              | 232                                    | 195 - 269                                     |
| GLUCOSE IiquiUV <sup>mono</sup>  | Hexokinase   | mmol/l   | 12.9                                   | 10.9 - 15.0                                   | mg/dl                              | 233                                    | 196 - 270                                     |
| GOT (ASAT) IFCC mod. IiquiUV   | Enzymatic, 37°C, IFCC without P5P                  | µkat/l   | 2.45                                   | 1.89 - 3.01                                   | U/l                                | 147                                    | 113 - 181                                     |
| GPT (ALAT) IFCC mod. IiquiUV   | Enzymatic, 37°C, IFCC without P5P                  | µkat/l   | 2.08                                   | 1.60 - 2.56                                   | U/l                                | 125                                    | 96.3 - 154                                    |
| HDL CHOLESTEROL  | Precipitation method                               | mmol/l   | 4.76                                   | 3.81 - 5.71                                   | mg/dl                              | 184                                    | 147 - 221                                     |
| IRON Iiquicolor  | CAB  | µmol/l   | 42.6                                   | 36.6 - 48.6                                   | µg/dl                              | 238                                    | 205 - 271                                     |
| IRON TPTZ Iiquicolor   | TPTZ   | µmol/l   | 53.5                                   | 46.0 - 61.0                                   | µg/dl                              | 299                                    | 257 - 341                                     |
| LDH SCE mod. IiquiUV   | Substrate Pyruvate, 37°C, SCE                      | µkat/l   | 12.9                                   | 10.6 - 15.3                                   | U/l                                | 776                                    | 636 - 916                                     |
| MAGNESIUM Iiquicolor   | Xylidyl blue                                       | mmol/l   | 1.36                                   | 1.14 - 1.58                                   | mg/dl                              | 3.31                                   | 2.78 - 3.84                                   |
| PANCREAS-AMYLASE Iiquicolor  | EPS-G <sub>7</sub> , 37°C                          | µkat/l   | 1.98                                   | 1.59 - 2.38                                   | U/l                                | 119                                    | 95.2 - 143                                    |
| PHOSPHORUS Iiquirapid  | Molybdate (UV)                                     | mmol/l   | 3.12                                   | 2.56 - 3.68                                   | mg/dl                              | 9.65                                   | 7.91 - 11.4                                   |
| Potassium  | ISE direct   | mmol/l   | 6.31                                   | 5.68 - 6.94                                   | mval/l                             | 6.31                                   | 5.68 - 6.94                                   |
| POTASSIUM Iiquirapid   | Precipitation method                               | mmol/l   | 5.50                                   | 4.95 - 6.05                                   | mval/l                             | 5.50                                   | 4.95 - 6.05                                   |
| POTASSIUM IiquiUV  | Enzymatic  | mmol/l   | 6.73                                   | 6.06 - 7.40                                   | mval/l                             | 6.73                                   | 6.06 - 7.40                                   |
| Sodium   | ISE direct   | mmol/l   | 165                                    | 155 - 175                                     | mval/l                             | 165                                    | 155 - 175                                     |
| SODIUM Iiquicolor  | Enzymatic  | mmol/l   | 157                                    | 141 - 173                                     | mval/l                             | 157                                    | 141 - 173                                     |

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|--|--|--|--|---|------------------------------------|--|---|
| <b>SODIUM RAPID</b>  | Precipitation method                   | mmol/l   | 150                                    | 135 - 165                                     | mval/l                             | 150                                    | 135 - 165                                     |
| <b>TIBC</b><br>Fe determination using IRON liquicolor      | Fe saturation                          | µmol/l   | 120                                    | 96.4 - 145                                    | µg/dl                              | 673                                    | 538 - 808                                     |
| <b>TIBC</b><br>Fe determination using IRON TPTZ liquicolor | Fe saturation                          | µmol/l   | 125                                    | 99.7 - 150                                    | µg/dl                              | 696                                    | 557 - 835                                     |
| <b>TOTAL PROTEIN liquicolor</b>                            | Biuret                                 | g/l  | 95.2                                   | 84.7 - 106                                    | g/dl                               | 9.52                                   | 8.47 - 10.6                                   |
| <b>TRIGLYCERIDES liquicolor<sup>mono</sup></b>             | GPO POD                                | mmol/l   | 2.67                                   | 2.19 - 3.15                                   | mg/dl                              | 234                                    | 192 - 276                                     |
| <b>UREA liquicolor</b>                                     | Berthelot mod.                         | mmol/l   | 25.5                                   | 19.9 - 31.1                                   | mg/dl                              | 153                                    | 119 - 187                                     |
| <b>UREA liquiUV</b>  | Urease (UV)                            | mmol/l   | 26.3                                   | 20.5 - 32.1                                   | mg/dl                              | 158                                    | 123 - 193                                     |
| <b>URIC ACID liquicolor<sup>plus</sup> for HumaStar 80</b> | Uricase                                | µmol/l   | 631                                    | 542 - 718                                     | mg/dl                              | 10.6                                   | 9.11 - 12.1                                   |
| <b>URIC ACID liquicolor<sup>plus</sup> for others</b>      | Uricase                                | µmol/l   | 559                                    | 480 - 637                                     | mg/dl                              | 9.39                                   | 8.08 - 10.7                                   |
| <b>URIC ACID liquicolor</b>                                | Uricase                                | µmol/l   | 526                                    | 453 - 600                                     | mg/dl                              | 8.85                                   | 7.61 - 10.1                                   |

Other Manufacturers

Target values are available on demand. Please contact: support@human.de