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<http://www.diasys-diagnostics.com/service-area/value-sheets/>

**Urine control** Cat. No. **5 9170 99 10 061** **6 x 5 mL**  
**Urin-Kontrolle** **5 9170 99 10 062** **20 x 5 mL**  
**Contrôle de urines**  
**Controllo le urine**

| Constituent                                                  | System                       | Method                           | Unit        | Assay value  | Max. limits  | Unit        | Assay value  | Max. limits  |               |
|--------------------------------------------------------------|------------------------------|----------------------------------|-------------|--------------|--------------|-------------|--------------|--------------|---------------|
| Bestandteil                                                  | System                       | Methode                          | Einheit     | Sollwert     | Max. Bereich | Einheit     | Sollwert     | Max. Bereich |               |
| Constituant                                                  | Système                      | Méthode                          | Unité       | Valeur cible | Limites max. | Unité       | Valeur cible | Limites max. |               |
| Constituyente                                                | Systema                      | Método                           | Unidad      | Valor medio  | Limites máx. | Unidad      | Valor medio  | Limites máx. |               |
| <b>ALB</b><br>Microalbumin<br>Microalbumine<br>Microalbúmina | DiaSys                       | Immunoturbidimetric              | 1 0242      | mg/L         | <b>10,5</b>  | 7,56 - 13,4 | mg/dL        | <b>1,05</b>  | 0,756 - 1,34  |
|                                                              | Abbott Architect             | Turbidimetric                    | 2K98        | mg/L         | <b>18,2</b>  | 13,1 - 23,3 | mg/dL        | <b>1,82</b>  | 1,31 - 2,33   |
|                                                              | Beckman-Coulter Immage       | Nephelometry                     |             | mg/L         | *            | -           | mg/dL        |              | -             |
|                                                              | Beckman-Coulter Synchron DXC | Immunoturbidimetric              |             | mg/L         | <b>19,6</b>  | 14,1 - 25,1 | mg/dL        | <b>1,96</b>  | 1,41 - 2,51   |
|                                                              | Beckman-Coulter AU Series    | Immunoturbidimetric              | B38858      | mg/L         | <b>17,9</b>  | 12,9 - 22,9 | mg/dL        | <b>1,79</b>  | 1,29 - 2,29   |
|                                                              | J.&J. Ortho-Clinical Vitros  | Immunoturbidimetric (DiAgam)     |             | mg/L         | <b>13,1</b>  | 9,43 - 16,8 | mg/dL        | <b>1,31</b>  | 0,943 - 1,68  |
|                                                              | Roche Cobas C Systems        | Immunoturbidimetric              |             | mg/L         | <b>12,6</b>  | 9,07 - 16,1 | mg/dL        | <b>1,26</b>  | 0,907 - 1,61  |
|                                                              | Siemens Advia                | PEG-Enhanced Immunoturbidimetric |             | mg/L         | <b>9,90</b>  | 7,13 - 12,7 | mg/dL        | <b>0,990</b> | 0,713 - 1,27  |
|                                                              | Siemens BN II / Prospec      | Nephelometric                    |             | mg/L         | <b>33,3</b>  | 24,0 - 42,6 | mg/dL        | <b>3,33</b>  | 2,40 - 4,26   |
|                                                              | Siemens Dimension            | Petinia                          |             | mg/L         | *            | -           | mg/dL        |              | -             |
| Siemens Dimension Vista                                      | Nephelometric                |                                  | mg/L        | <b>46,0</b>  | 33,1 - 58,9  | mg/dL       | <b>4,60</b>  | 3,31 - 5,89  |               |
| <b>AMY</b><br>α-Amylase<br>α-Amilasa                         | DiaSys                       | EPS G-7                          | 1 0501      | U/L          | <b>37,9</b>  | 30,3 - 45,5 | µkat/L       | <b>0,632</b> | 0,506 - 0,759 |
|                                                              | Abbott Architect             | CNPG3                            | 7D58        | U/L          | <b>42,4</b>  | 33,9 - 50,9 | µkat/L       | <b>0,707</b> | 0,565 - 0,848 |
|                                                              | Beckman-Coulter Synchron DXC | IFCC                             | 7D58        | U/L          | <b>50,1</b>  | 40,1 - 60,1 | µkat/L       | <b>0,835</b> | 0,668 - 1,00  |
|                                                              | Beckman-Coulter Synchron DXC | Enzymatic                        | AMY7        | U/L          | <b>48,5</b>  | 38,8 - 58,2 | µkat/L       | <b>0,808</b> | 0,647 - 0,970 |
|                                                              | Beckman-Coulter AU Series    | CNPG3                            | OSR6006/610 | U/L          | <b>34,4</b>  | 27,5 - 41,3 | µkat/L       | <b>0,573</b> | 0,459 - 0,688 |
|                                                              | Beckman-Coulter AU Series    | G7PNP/IFCC                       | OSR6182     | U/L          | <b>52,6</b>  | 42,1 - 63,1 | µkat/L       | <b>0,877</b> | 0,701 - 1,05  |
|                                                              | J.&J. Ortho-Clinical Vitros  | Two-point rate                   |             | U/L          | <b>31,4</b>  | 25,1 - 37,7 | µkat/L       | <b>0,523</b> | 0,419 - 0,628 |
|                                                              | Roche Cobas C Systems        | EPS-G-7PNP                       |             | U/L          | <b>45,7</b>  | 36,6 - 54,8 | µkat/L       | <b>0,762</b> | 0,609 - 0,914 |
|                                                              | Siemens Dimension            | undiluted CNP-G3                 |             | U/L          | <b>37,1</b>  | 29,7 - 44,5 | µkat/L       | <b>0,618</b> | 0,495 - 0,742 |
|                                                              | Siemens Dimension Vista      | undiluted CNP-G3                 |             | U/L          | <b>38,5</b>  | 30,8 - 46,2 | µkat/L       | <b>0,642</b> | 0,513 - 0,770 |
| <b>BUN</b><br>Urea N<br>Harnstoff-N<br>Urée N                | DiaSys                       | Urease UV                        | 1 3101      | mg/dL        | <b>435</b>   | 322 - 548   | mmol/L       | <b>155</b>   | 115 - 195     |
|                                                              | Abbott Architect             | Urease/GLDH                      | 7D75        | mg/dL        | <b>396</b>   | 293 - 499   | mmol/L       | <b>143</b>   | 106 - 180     |
|                                                              | Beckman-Coulter Synchron DXC | Urease/Conductivity              |             | mg/dL        | <b>428</b>   | 317 - 539   | mmol/L       | <b>153</b>   | 113 - 193     |
|                                                              | Beckman-Coulter AU Series    | Urease/GLDH                      |             | mg/dL        | <b>405</b>   | 300 - 510   | mmol/L       | <b>145</b>   | 107 - 183     |
|                                                              | J.&J. Ortho-Clinical Vitros  | Urease                           |             | mg/dL        | <b>438</b>   | 324 - 552   | mmol/L       | <b>156</b>   | 115 - 197     |
|                                                              | Roche Cobas C Systems        | Urease/GLDH                      |             | mg/dL        | <b>446</b>   | 330 - 562   | mmol/L       | <b>159</b>   | 118 - 200     |
|                                                              | Siemens Advia                | Urease/GLDH                      |             | mg/dL        | <b>408</b>   | 302 - 514   | mmol/L       | <b>146</b>   | 108 - 184     |
|                                                              | Siemens Dimension            | Urease/GLDH                      |             | mg/dL        | <b>427</b>   | 316 - 538   | mmol/L       | <b>152</b>   | 112 - 192     |
|                                                              | Siemens Dimension Vista      | Urease/GLDH                      |             | mg/dL        | <b>412</b>   | 305 - 519   | mmol/L       | <b>147</b>   | 109 - 185     |
| <b>Ca</b><br>Calcium<br>Calcio                               | DiaSys                       | Arsenazo                         | 1 1130      | mmol/L       | <b>1,83</b>  | 1,52 - 2,14 | mg/dL        | <b>7,34</b>  | 6,10 - 8,59   |
|                                                              | DiaSys                       | Phosphonazo                      | 1 1181      | mmol/L       | <b>1,89</b>  | 1,57 - 2,21 | mg/dL        | <b>7,59</b>  | 6,30 - 8,88   |
|                                                              | Abbott Architect             | Arsenazo                         | 3L79        | mmol/L       | <b>1,83</b>  | 1,52 - 2,14 | mg/dL        | <b>7,31</b>  | 6,07 - 8,55   |
|                                                              | Beckman-Coulter Synchron DXC | ISE indirect                     |             | mmol/L       | <b>1,87</b>  | 1,55 - 2,18 | mg/dL        | <b>7,49</b>  | 6,21 - 8,76   |
|                                                              | Beckman-Coulter AU Series    | Arsenazo                         |             | mmol/L       | <b>1,92</b>  | 1,59 - 2,25 | mg/dL        | <b>7,69</b>  | 6,38 - 9,00   |
|                                                              | J.&J. Ortho-Clinical Vitros  | Arsenazo                         |             | mmol/L       | <b>1,96</b>  | 1,63 - 2,29 | mg/dL        | <b>7,83</b>  | 6,50 - 9,16   |
|                                                              | Roche Cobas C Systems        | NM-Bapta                         |             | mmol/L       | <b>1,93</b>  | 1,60 - 2,26 | mg/dL        | <b>7,72</b>  | 6,41 - 9,03   |
|                                                              | Siemens Advia                | Arsenazo III                     |             | mmol/L       | *            | -           | mg/dL        |              | -             |
|                                                              | Siemens Dimension            | o-cresolphth.-complex.           |             | mmol/L       | <b>1,95</b>  | 1,62 - 2,28 | mg/dL        | <b>7,79</b>  | 6,47 - 9,11   |
|                                                              | Siemens Dimension Vista      | o-cresolphth.-complex.           |             | mmol/L       | <b>1,94</b>  | 1,61 - 2,27 | mg/dL        | <b>7,74</b>  | 6,42 - 9,06   |
| <b>Cl</b><br>Chloride<br>Chlorid<br>Chloruro<br>Chloruro     | Abbott Architect             | ISE indirect                     | 2P32        | mmol/L       | <b>51,2</b>  | 44,0 - 58,4 | mg/dL        | <b>182</b>   | 156 - 207     |
|                                                              | Beckman-Coulter Synchron DXC | ISE indirect                     |             | mmol/L       | <b>50,4</b>  | 43,3 - 57,5 | mg/dL        | <b>179</b>   | 154 - 204     |
|                                                              | Beckman-Coulter AU Series    | ISE indirect                     |             | mmol/L       | <b>61,6</b>  | 53,0 - 70,2 | mg/dL        | <b>219</b>   | 188 - 249     |
|                                                              | Roche Cobas C Systems        | ISE indirect                     |             | mmol/L       | <b>46,5</b>  | 40,0 - 53,0 | mg/dL        | <b>165</b>   | 142 - 188     |
|                                                              | Siemens Advia                | ISE indirect                     |             | mmol/L       | <b>60,5</b>  | 52,0 - 69,0 | mg/dL        | <b>215</b>   | 185 - 245     |
|                                                              | Siemens Dimension            | QuiKLYTE Dimension RxL/RxL Max   |             | mmol/L       | <b>80,7</b>  | 69,4 - 92,0 | mg/dL        | <b>286</b>   | 246 - 327     |
|                                                              | Siemens Dimension            | QuiKLYTE Dimension Xpand/EXL     |             | mmol/L       | *            | -           | mg/dL        |              | -             |
| Siemens Dimension Vista                                      | IMT indirect                 |                                  | mmol/L      | <b>60,4</b>  | 51,9 - 68,9  | mg/dL       | <b>214</b>   | 184 - 244    |               |



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**Urin-Kontrolle** **5 9170 99 10 062** **20 x 5 mL**  
**Contrôle de urines**  
**Controllo le urine**

| Constituent  | System                       | Method                         | Unit    | Assay value  | Max. limits  | Unit        | Assay value  | Max. limits  |              |
|--------------|------------------------------|--------------------------------|---------|--------------|--------------|-------------|--------------|--------------|--------------|
| Bestandteil  | System                       | Methode                        | Einheit | Sollwert     | Max. Bereich | Einheit     | Sollwert     | Max. Bereich |              |
| Constituant  | Système                      | Méthode                        | Unité   | Valeur cible | Limites max. | Unité       | Valeur cible | Limites max. |              |
| Constituente | Systema                      | Método                         | Unidad  | Valor medio  | Limites máx. | Unidad      | Valor medio  | Limites máx. |              |
| <b>CORT</b>  | Abbott Architect             | CMA                            | 8D15    | µg/dL        | <1,00        |             | nmol/L       | <27,6        |              |
|              | Beckman-Coulter Access       | Chemiluminescence              |         | µg/dL        | 2,11         | 1,69 - 2,53 | nmol/L       | 58,2         | 46,6 - 69,9  |
| Cortisol     | Beckman-Coulter Dxl          | Chemiluminescence              |         | µg/dL        | 2,09         | 1,67 - 2,51 | nmol/L       | 57,7         | 46,1 - 69,2  |
| Cortison     | Siemens Centaur              | Chemiluminescence              |         | µg/dL        | 2,27         | 1,82 - 2,72 | nmol/L       | 62,6         | 50,1 - 75,2  |
| <b>CREA</b>  | DiaSys                       | Jaffe without compensation     | 1 1711  | mg/dL        | 69,1         | 52,5 - 85,7 | mmol/L       | 6,11         | 4,64 - 7,57  |
|              |                              | Enzymatic PAP                  | 1 1759  | mg/dL        | 71,5         | 54,4 - 88,7 | mmol/L       | 6,32         | 4,81 - 7,84  |
| Creatinine   | Abbott Architect             | Kinetic alkaline picrate       | 3L81    | mg/dL        | 68,6         | 52,1 - 85,1 | mmol/L       | 6,06         | 4,61 - 7,52  |
| Kreatinin    |                              | Enzymatic (8L24)               | 8L24    | mg/dL        | 66,6         | 50,6 - 82,6 | mmol/L       | 5,89         | 4,47 - 7,30  |
| Kreatinin    | Beckman-Coulter Synchron DXC | Kin. alk. picrate/mod. Jaffe   |         | mg/dL        | 74,4         | 56,5 - 92,2 | mmol/L       | 6,57         | 5,00 - 8,15  |
| Créatinine   | Beckman-Coulter AU Series    | Kin. alk. Picrate (Jaffe)      |         | mg/dL        | 66,3         | 50,4 - 82,2 | mmol/L       | 5,86         | 4,45 - 7,27  |
| Creatinina   | J.&J. Ortho-Clinical Vitros  | Colorimetric / Enzymatic       |         | mg/dL        | 67,6         | 51,4 - 83,8 | mmol/L       | 5,98         | 4,54 - 7,41  |
|              | Roche Cobas C Systems        | Enzymatic                      |         | mg/dL        | *            | -           | mmol/L       | -            | -            |
|              |                              | Jaffe                          |         | mg/dL        | 74,3         | 56,5 - 92,1 | mmol/L       | 6,57         | 4,99 - 8,14  |
|              | Siemens Advia                | Jaffe, (CRE_2c)                |         | mg/dL        | 66,2         | 50,3 - 82,1 | mmol/L       | 5,85         | 4,45 - 7,26  |
|              | Siemens Dimension            | Enzymatic (EZCR)               |         | mg/dL        | 70,4         | 53,5 - 87,3 | mmol/L       | 6,22         | 4,73 - 7,72  |
|              |                              | Modified Jaffe (CRE2)          |         | mg/dL        | 66,6         | 50,6 - 82,6 | mmol/L       | 5,89         | 4,47 - 7,30  |
|              | Siemens Dimension Vista      | Modified Jaffe (CRE2)          |         | mg/dL        | 73,7         | 56,0 - 91,3 | mmol/L       | 6,51         | 4,95 - 8,07  |
| <b>D</b>     | Specific gravity             | Refractometer                  |         | -            | *            | -           | -            | -            |              |
|              | Spezifisches Gewicht         | Refraktometer                  |         | -            | *            | -           | -            | -            |              |
|              | Poids spécifique             | Réfractomètre                  |         | -            | *            | -           | -            | -            |              |
|              | Peso específico              | Refractometro                  |         | -            | *            | -           | -            | -            |              |
| <b>GLUC</b>  | DiaSys                       | HK/G6P-DH                      | 1 2511  | mg/dL        | 23,8         | 18,6 - 29,0 | mmol/L       | 1,32         | 1,03 - 1,61  |
|              |                              | GOD-PAP                        | 12500   | mg/dL        | 21,9         | 17,1 - 26,7 | mmol/L       | 1,22         | 0,948 - 1,48 |
| Glucose      | Abbott Architect             | Hexokinase                     | 3L82    | mg/dL        | 24,1         | 18,8 - 29,4 | mmol/L       | 1,34         | 1,04 - 1,63  |
| Glucosa      | Beckman-Coulter Synchron DXC | Glucose oxidase                |         | mg/dL        | 24,6         | 19,2 - 30,0 | mmol/L       | 1,37         | 1,07 - 1,67  |
|              | Beckman-Coulter AU Series    | Hexokinase                     |         | mg/dL        | 25,1         | 19,6 - 30,7 | mmol/L       | 1,40         | 1,09 - 1,70  |
|              | Roche Cobas C Systems        | Hexokinase                     |         | mg/dL        | 24,7         | 19,3 - 30,1 | mmol/L       | 1,37         | 1,07 - 1,67  |
|              | Siemens Advia                | Hexokinase                     |         | mg/dL        | 24,4         | 19,0 - 29,8 | mmol/L       | 1,36         | 1,06 - 1,66  |
|              | Siemens Dimension            | Hexokinase                     |         | mg/dL        | 24,8         | 19,3 - 30,3 | mmol/L       | 1,38         | 1,07 - 1,68  |
|              | Siemens Dimension Vista      | Hexokinase                     |         | mg/dL        | 22,2         | 17,3 - 27,1 | mmol/L       | 1,23         | 0,961 - 1,50 |
| <b>HCG</b>   | Fisher Sure-Vue              |                                |         |              |              |             |              | Negative     |              |
|              | Genzyme Osom                 |                                |         |              |              |             |              | Negative     |              |
|              | ICON 20                      |                                |         |              |              |             |              | Negative     |              |
|              | ICON 25                      |                                |         |              |              |             |              | Negative     |              |
| <b>K</b>     | Abbott Architect             | ISE indirect                   | 2P32    | mmol/L       | 31,3         | 26,0 - 36,6 | mg/dL        | 122          | 102 - 143    |
|              | Beckman-Coulter Synchron DXC | ISE indirect                   |         | mmol/L       | 30,5         | 25,3 - 35,7 | mg/dL        | 119          | 99,0 - 140   |
| Potassium    | Beckman-Coulter AU Series    | ISE indirect                   |         | mmol/L       | 31,5         | 26,1 - 36,9 | mg/dL        | 123          | 102 - 144    |
| Kalium       | J.&J. Ortho-Clinical Vitros  | ISE direct                     |         | mmol/L       | 32,9         | 27,3 - 38,5 | mg/dL        | 129          | 107 - 150    |
| Potasio      | Roche Cobas C Systems        | ISE indirect                   |         | mmol/L       | 31,5         | 26,1 - 36,9 | mg/dL        | 123          | 102 - 144    |
| Potássio     | Siemens Advia                | ISE indirect                   |         | mmol/L       | 31,6         | 26,2 - 37,0 | mg/dL        | 124          | 103 - 145    |
|              | Siemens Dimension            | QuiKLYTE Dimension Rxl/RxL Max |         | mmol/L       | 30,2         | 25,1 - 35,3 | mg/dL        | 118          | 98,0 - 138   |
|              |                              | QuiKLYTE Dimension Xpand/EXL   |         | mmol/L       | *            | -           | mg/dL        | -            | -            |
|              | Siemens Dimension Vista      | IMT indirect                   |         | mmol/L       | 29,2         | 24,2 - 34,2 | mg/dL        | 114          | 94,8 - 134   |

**TruLab Urine Level 1** **Version 18.09.2017**



**Lot No. 24330**  
**Exp. 2019-03**

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| Constituent                                                                                               | System                                                                                | Method                         | Unit                                               | Assay value  | Max. limits  | Unit        | Assay value  | Max. limits  |             |             |
|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|--------------|--------------|-------------|--------------|--------------|-------------|-------------|
| Bestandteil                                                                                               | System                                                                                | Methode                        | Einheit                                            | Sollwert     | Max. Bereich | Einheit     | Sollwert     | Max. Bereich |             |             |
| Constituant                                                                                               | Système                                                                               | Méthode                        | Unité                                              | Valeur cible | Limites max. | Unité       | Valeur cible | Limites max. |             |             |
| Constituente                                                                                              | Systema                                                                               | Método                         | Unidad                                             | Valor medio  | Limites máx. | Unidad      | Valor medio  | Limites máx. |             |             |
| <b>Mg</b><br>Magnesium<br>Magnésium<br>Magnesio                                                           | DiaSys                                                                                | Xylydil blue method            | 1 4610                                             | mmol/L       | <b>2,17</b>  | 1,60 - 2,73 | mg/dL        | <b>5,26</b>  | 3,89 - 6,63 |             |
|                                                                                                           | Abbott Architect                                                                      | Arsenazo III                   | 7D70                                               | mmol/L       | <b>1,53</b>  | 1,13 - 1,93 | mg/dL        | <b>3,71</b>  | 2,75 - 4,67 |             |
|                                                                                                           |                                                                                       | Enzymatic                      | 3P68                                               | mmol/L       | <b>2,33</b>  | 1,72 - 2,94 | mg/dL        | <b>5,66</b>  | 4,19 - 7,14 |             |
|                                                                                                           |                                                                                       | Beckman-Coulter Synchron DXC   | Calmagite                                          |              | mmol/L       | *           |              |              |             |             |
|                                                                                                           |                                                                                       | Beckman-Coulter AU Series      | Xylydil blue                                       |              | mmol/L       | <b>2,19</b> | 1,62 - 2,76  | mg/dL        | <b>5,33</b> | 3,95 - 6,72 |
|                                                                                                           |                                                                                       | J.&J. Ortho-Clinical Vitros    | Formazan dye                                       |              | mmol/L       | <b>2,35</b> | 1,74 - 2,96  | mg/dL        | <b>5,71</b> | 4,23 - 7,20 |
|                                                                                                           |                                                                                       | Roche Cobas C Systems          | MG Gen. 2, colorimetric Endpoint                   |              | mmol/L       | <b>2,37</b> | 1,75 - 2,99  | mg/dL        | <b>5,75</b> | 4,26 - 7,25 |
|                                                                                                           |                                                                                       | Siemens Advia                  | Xylydil blue                                       |              | mmol/L       | <b>2,18</b> | 1,61 - 2,75  | mg/dL        | <b>5,31</b> | 3,93 - 6,69 |
|                                                                                                           |                                                                                       | Siemens Dimension              | Methylthymol Blue                                  |              | mmol/L       | <b>2,26</b> | 1,67 - 2,85  | mg/dL        | <b>5,50</b> | 4,07 - 6,93 |
|                                                                                                           |                                                                                       | Siemens Dimension Vista        | Methylthymol Blue                                  |              | mmol/L       | <b>2,41</b> | 1,78 - 3,04  | mg/dL        | <b>5,85</b> | 4,33 - 7,37 |
| <b>Na</b><br>Sodium<br>Natrium<br>Sodio<br>Sódio                                                          | Abbott Architect                                                                      | ISE indirect                   | 2P32                                               | mmol/L       | <b>87,0</b>  | 75,7 - 98,3 | mg/dL        | <b>200</b>   | 174 - 226   |             |
|                                                                                                           | Beckman-Coulter Synchron DXC                                                          | ISE indirect                   |                                                    | mmol/L       | <b>85,3</b>  | 74,2 - 96,4 | mg/dL        | <b>196</b>   | 171 - 222   |             |
|                                                                                                           | Beckman-Coulter AU Series                                                             | ISE indirect                   |                                                    | mmol/L       | <b>86,8</b>  | 75,5 - 98,1 | mg/dL        | <b>200</b>   | 174 - 226   |             |
|                                                                                                           | J.&J. Ortho-Clinical Vitros                                                           | ISE direct                     |                                                    | mmol/L       | <b>90,4</b>  | 78,6 - 102  | mg/dL        | <b>208</b>   | 181 - 235   |             |
|                                                                                                           | Roche Cobas C Systems                                                                 | ISE indirect                   |                                                    | mmol/L       | <b>88,2</b>  | 76,7 - 99,7 | mg/dL        | <b>203</b>   | 176 - 229   |             |
|                                                                                                           | Siemens Advia                                                                         | ISE indirect                   |                                                    | mmol/L       | <b>88,6</b>  | 77,1 - 100  | mg/dL        | <b>204</b>   | 177 - 230   |             |
|                                                                                                           | Siemens Dimension                                                                     | QuiKLYTE Dimension RxL/RxL Max |                                                    | mmol/L       | <b>84,8</b>  | 73,8 - 95,8 | mg/dL        | <b>195</b>   | 170 - 220   |             |
|                                                                                                           |                                                                                       | QuiKLYTE Dimension Xpand/EXL   |                                                    | mmol/L       | *            |             | mg/dL        |              |             |             |
|                                                                                                           |                                                                                       | Siemens Dimension Vista        | IMT indirect                                       |              | mmol/L       | <b>80,4</b> | 69,9 - 90,9  | mg/dL        | <b>185</b>  | 161 - 209   |
|                                                                                                           | <b>OSMO</b>                                                                           | Osmolality / Freezing Point    |                                                    |              |              |             |              |              |             |             |
| Osmolalität / Gefrierpunkt                                                                                |                                                                                       |                                | mOsm/kg                                            | <b>402</b>   | 322 - 482    |             |              |              |             |             |
| Osmolarité / point de congélation                                                                         |                                                                                       |                                |                                                    |              |              |             |              |              |             |             |
| Osmolarito / punto álgido                                                                                 |                                                                                       |                                |                                                    |              |              |             |              |              |             |             |
| <b>pH</b>                                                                                                 |                                                                                       |                                |                                                    |              | <b>6,20</b>  | 5,46 - 6,94 |              |              |             |             |
| <b>PHOS</b><br>Inorganic phosphate<br>Phosphor anorganisch<br>Phosphore inorganique<br>Fósforo inorgánico | DiaSys                                                                                | Molybdate UV                   | 1 5211                                             | mg/dL        | <b>28,0</b>  | 21,9 - 34,2 | mmol/L       | <b>9,05</b>  | 7,06 - 11,0 |             |
|                                                                                                           | Abbott Architect                                                                      | Phosphomolybdate               | 7D71                                               | mg/dL        | <b>26,2</b>  | 20,4 - 31,9 | mmol/L       | <b>8,45</b>  | 6,59 - 10,3 |             |
|                                                                                                           | Beckman-Coulter Synchron DXC                                                          | Phosphomolybdate               |                                                    | mg/dL        | <b>26,1</b>  | 20,4 - 31,9 | mmol/L       | <b>8,44</b>  | 6,58 - 10,3 |             |
|                                                                                                           | Beckman-Coulter AU Series                                                             | Phosphomolybdate               |                                                    | mg/dL        | <b>26,4</b>  | 20,6 - 32,3 | mmol/L       | <b>8,54</b>  | 6,66 - 10,4 |             |
|                                                                                                           | J.&J. Ortho-Clinical Vitros                                                           | Phosphomolybdate               |                                                    | mg/dL        | <b>30,9</b>  | 24,1 - 37,6 | mmol/L       | <b>9,99</b>  | 7,79 - 12,2 |             |
|                                                                                                           | Roche Cobas C Systems                                                                 | Phosphomolybdate               |                                                    | mg/dL        | <b>27,1</b>  | 21,1 - 33,1 | mmol/L       | <b>8,75</b>  | 6,83 - 10,7 |             |
|                                                                                                           | Siemens Advia                                                                         | Phosphomolybdate               |                                                    | mg/dL        | <b>26,0</b>  | 20,3 - 31,7 | mmol/L       | <b>8,40</b>  | 6,55 - 10,2 |             |
|                                                                                                           | Siemens Dimension                                                                     | Phosphomolybdate               |                                                    | mg/dL        | <b>27,5</b>  | 21,5 - 33,6 | mmol/L       | <b>8,88</b>  | 6,93 - 10,8 |             |
|                                                                                                           | Siemens Dimension Vista                                                               | Phosphomolybdate               |                                                    | mg/dL        | <b>23,4</b>  | 18,3 - 28,5 | mmol/L       | <b>7,55</b>  | 5,89 - 9,21 |             |
|                                                                                                           | <b>TP</b><br>Total protein<br>Total Protein<br>Protéines totales<br>Proteínas totales | DiaSys                         | Pyrogallol red method valid from reagent lot 21168 | 1 0210       | mg/dL        | *           |              | mg/L         |             |             |
| Abbott Architect                                                                                          |                                                                                       | Benzethonium chloride          | 7D79                                               | mg/dL        | <b>9,21</b>  | 7,00 - 11,4 | mg/L         | <b>92,1</b>  | 70,0 - 114  |             |
| Beckman-Coulter Synchron DXC                                                                              |                                                                                       | Pyrogallol red (M-TP)          |                                                    | mg/dL        | <b>12,3</b>  | 9,35 - 15,3 | mg/L         | <b>123</b>   | 93,5 - 153  |             |
| Beckman-Coulter AU Series                                                                                 |                                                                                       | Pyrogallol red                 |                                                    | mg/dL        | <b>9,65</b>  | 7,33 - 12,0 | mg/L         | <b>96,5</b>  | 73,3 - 120  |             |
| J.&J. Ortho-Clinical Vitros                                                                               |                                                                                       | Biuret                         |                                                    | mg/dL        | *            |             | mg/L         |              |             |             |
| Roche Cobas C Systems                                                                                     |                                                                                       | Benzethonium chloride          |                                                    | mg/dL        | <b>10,1</b>  | 7,68 - 12,5 | mg/L         | <b>101</b>   | 76,8 - 125  |             |
| Siemens Advia                                                                                             |                                                                                       | Dye Binding                    |                                                    | mg/dL        | <b>4,88</b>  | 3,71 - 6,05 | mg/L         | <b>48,8</b>  | 37,1 - 60,5 |             |
| Siemens Dimension                                                                                         |                                                                                       | Pyrogallol red                 |                                                    | mg/dL        | <b>14,4</b>  | 10,9 - 17,9 | mg/L         | <b>144</b>   | 109 - 179   |             |
| Siemens Dimension Vista                                                                                   |                                                                                       | Pyrogallol red                 |                                                    | mg/dL        | <b>16,1</b>  | 12,2 - 20,0 | mg/L         | <b>161</b>   | 122 - 200   |             |
| <b>UREA</b><br>Harnstoff<br>Urée<br>Urea                                                                  |                                                                                       | DiaSys                         | Urease UV                                          | 1 3101       | mg/dL        | <b>931</b>  | 689 - 1173   | mmol/L       | <b>155</b>  | 115 - 195   |
|                                                                                                           | Abbott Architect                                                                      | Urease/GLDH                    | 7D75                                               | mg/dL        | <b>860</b>   | 636 - 1084  | mmol/L       | <b>143</b>   | 106 - 180   |             |
|                                                                                                           | Beckman-Coulter Synchron CX/LX                                                        | Urease/Conductivity            |                                                    | mg/dL        | <b>915</b>   | 677 - 1153  | mmol/L       | <b>153</b>   | 113 - 193   |             |
|                                                                                                           | Beckman-Coulter AU Series                                                             | Urease/GLDH                    |                                                    | mg/dL        | <b>870</b>   | 644 - 1096  | mmol/L       | <b>145</b>   | 107 - 183   |             |
|                                                                                                           | J.&J. Ortho-Clinical Vitros                                                           | Urease                         |                                                    | mg/dL        | <b>937</b>   | 694 - 1181  | mmol/L       | <b>156</b>   | 115 - 197   |             |
|                                                                                                           | Roche Cobas C Systems                                                                 | Urease/GLDH                    |                                                    | mg/dL        | <b>955</b>   | 707 - 1203  | mmol/L       | <b>159</b>   | 118 - 200   |             |
|                                                                                                           | Siemens Advia                                                                         | Urease/GLDH                    |                                                    | mg/dL        | <b>873</b>   | 646 - 1100  | mmol/L       | <b>146</b>   | 108 - 184   |             |
|                                                                                                           | Siemens Dimension                                                                     | Urease/GLDH                    |                                                    | mg/dL        | <b>913</b>   | 676 - 1150  | mmol/L       | <b>152</b>   | 112 - 192   |             |
|                                                                                                           | Siemens Dimension Vista                                                               | Urease/GLDH                    |                                                    | mg/dL        | <b>882</b>   | 652 - 1111  | mmol/L       | <b>147</b>   | 109 - 185   |             |

**TruLab Urine Level 1** **Version 18.09.2017**



**Lot No. 24330**  
**Exp. 2019-03**

For updated target value sheets, please refer to the website mentioned below.  
Aktualisierte Sollwertzettel finden Sie auf der unten genannten Webseite.  
Le site mentionné ci-dessous renseigne sur des notices de valeur tirée mis à jour.  
Para técnicas con valores de ensayo actualizadas, véase el sitio web mencionado abajo.  
для обновленного значения списка пожалуйста посетите ниже приведенный адрес

<http://www.diasys-diagnostics.com/service-area/value-sheets/>

**Urine control** **Cat. No. 5 9170 99 10 061** **6 x 5 mL**  
**Urin-Kontrolle** **5 9170 99 10 062** **20 x 5 mL**  
**Contrôle de urines**  
**Controllo le urine**

| Constituent  | System                       | Method               | Unit    | Assay value  | Max. limits  | Unit        | Assay value  | Max. limits  |           |
|--------------|------------------------------|----------------------|---------|--------------|--------------|-------------|--------------|--------------|-----------|
| Bestandteil  | System                       | Methode              | Einheit | Sollwert     | Max. Bereich | Einheit     | Sollwert     | Max. Bereich |           |
| Constituant  | Système                      | Méthode              | Unité   | Valeur cible | Limites max. | Unité       | Valeur cible | Limites max. |           |
| Constituente | Systema                      | Método               | Unidad  | Valor medio  | Limites máx. | Unidad      | Valor medio  | Limites máx. |           |
| <b>UA</b>    | DiaSys                       | TBHA                 | 1 3021  | mg/dL        | <b>7,25</b>  | 5,36 - 9,1  | µmol/L       | <b>431</b>   | 319 - 543 |
|              |                              | TOOS                 | 1 3001  | mg/dL        | <b>8,07</b>  | 5,97 - 10,2 | µmol/L       | <b>480</b>   | 355 - 605 |
| Uric Acid    | Abbott Architect             | Uricase              | 7D76    | mg/dL        | <b>7,15</b>  | 5,29 - 9,01 | µmol/L       | <b>425</b>   | 315 - 536 |
| Harnsäure    |                              | Uricase              | 3P39    | mg/dL        | <b>7,07</b>  | 5,23 - 8,91 | µmol/L       | <b>421</b>   | 311 - 530 |
| Acide urique | Beckman-Coulter Synchron DXC | Uricase              |         | mg/dL        | <b>8,87</b>  | 6,56 - 11,2 | µmol/L       | <b>528</b>   | 390 - 665 |
| Acido úrico  | Beckman-Coulter AU Series    | Uricase              |         | mg/dL        | <b>7,94</b>  | 5,88 - 10,0 | µmol/L       | <b>472</b>   | 349 - 595 |
|              | J.&J. Ortho-Clinical Vitros  | Uricase              |         | mg/dL        | <b>8,53</b>  | 6,31 - 10,7 | µmol/L       | <b>507</b>   | 375 - 639 |
|              | Roche Cobas C Systems        | Uricase/Colorimetric |         | mg/dL        | <b>7,07</b>  | 5,23 - 8,91 | µmol/L       | <b>421</b>   | 311 - 530 |
|              | Siemens Advia                | Uricase/Peroxidase   |         | mg/dL        | <b>7,12</b>  | 5,27 - 8,97 | µmol/L       | <b>423</b>   | 313 - 534 |
|              | Siemens Dimension            | Uricase              |         | mg/dL        | <b>8,39</b>  | 6,21 - 10,6 | µmol/L       | <b>499</b>   | 369 - 629 |
|              | Siemens Dimension Vista      | Uricase              |         | mg/dL        | <b>8,84</b>  | 6,54 - 11,1 | µmol/L       | <b>526</b>   | 389 - 663 |

**Notes / Hinweise / Nota**

Dilutions may have been performed on some of the analytes using the instrument manufacturer's protocol.  
Einige der Analyten können unter Verwendung des Protokolls des Geräteherstellers einer Verdünnung unterzogen worden sein.  
Les dilutions peuvent avoir été effectuées sur certains analytes en appliquant le protocole du fabricant des instruments.  
En algunos de los análisis pueden haberse realizado diluciones utilizando el protocolo del fabricante del instrumento.

Ranges of acceptance were calculated as assigned value ± the maximum tolerable deviation of a single value according to the Guidelines of the German Federal Medical Council from 2003  
Die Akzeptanzbereiche wurden nach den Richtlinien der Bundesärztekammer von 2003 als Sollwert ± die maximal zulässige Abweichung des Einzelwertes berechnet  
L'intervalle de confiance a été calculé comme la valeur des méthodes de référence +/- le max. de l'erreur de mesure admissible selon les recommandations du Comité Médical Fédéral d'Allemagne de 2003  
Los rangos de tolerancia han sido calculados como valor de ensayo ± variación máxima tolerable del valor independiente, según las directrices de la Cámara Federal de los Médicos Alemanes de 2003  
(Richtlinie der Bundesärztekammer zur Qualitätssicherung quantitativer Laboratoriums-medizinischer Untersuchungen. Deutsches Ärzteblatt 2003; 100:A 3335-38)

For DiaSys methods, sample pre-dilution was effected as described in the appropriate package insert.  
Für die DiaSys Methoden wurde die in der jeweiligen Packungsbeilage angegebene Probeverdünnung für Urine durchgeführt.  
Pour des méthodes DiaSys, la pré-dilution de l'échantillon a été effectuée comme décrit dans la notice appropriée.  
Para métodos DiaSys, la pre-dilución de la muestra fue efectuada como descrito en la técnica apropiada.

In diesem Sollwertzettel wird immer ein Komma als Dezimaltrennzeichen verwendet. Tausendertrennzeichen werden nicht verwendet.  
A comma is always used in this value sheet as decimal separator. Separators for thousands are not used.  
Dans ce fiche des valeurs de références, la virgule représente le caractère séparateur décimal. Des séparateurs pour 'mille' ne sont pas employés.  
La coma representa el carácter separador decimal. No se utilizan caracteres para separar el 'mil'.

\* Data not available at the time of printing. Please inquire.  
\* Daten zum Zeitpunkt des Drucks nicht verfügbar. Bitte nachfragen.  
\* Données non disponible à la date d'impression. Piérez de se renseigner.  
\* No se disponía de información en el momento en que se imprimió este prospecto. Consulte cualquier duda.

**Manufacturer / Hersteller / Fabriqué par / Fabricado por / Fabricante / Produttore**

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