

Cat. No. 5 9100 99 10 063 (20 x 3 mL)  
5 9100 99 10 064 (6 x 3 mL)



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Value sheet version: 2

| Short Name / Analyte                         | Method*                               | Reagent ID         | Traceability                                       | Value                 | Unit                      |
|--|---------------------------------------|--------------------|--|-----------------------|---------------------------|
| <b>ALB</b><br>Albumin                        | Bromcresol green                      | 1 0220             | ERM-DA 470   | 3.64<br>36.4          | g/dL<br>g/L               |
| <b>AP</b><br>Alkaline phosphatase            | DGKC 1970 37°C                        | 1 0401             | DGKC recommended formulation<br>37°C               | 500<br>8.33           | U/L<br>µkat/L             |
|  | IFCC 37°C                             | 1 0441             | IFCC recommended formulation<br>37°C               | 255<br>4.24           | U/L<br>µkat/L             |
| <b>ALT/GPT</b><br>Alanine aminotransferase   | IFCC<br>with pyridoxal phosphate 37°C | 1 2701 +<br>2 5010 | Original IFCC formulation<br>37°C                  | 95.8<br>1.60          | U/L<br>µkat/L             |
|  | w/o pyridoxal phosphate 37°C          | 1 2701             | Modified IFCC formulation<br>ε NADH, 37°C          | 98.3<br>1.64          | U/L<br>µkat/L             |
| <b>AST/GOT</b><br>Aspartate aminotransferase | IFCC<br>with pyridoxal phosphate 37°C | 1 2601 +<br>2 5010 | Original IFCC formulation<br>37°C                  | 100<br>1.67           | U/L<br>µkat/L             |
|  | w/o pyridoxal phosphate 37°C          | 1 2601             | Modified IFCC formulation<br>ε NADH, 37°C          | 103<br>1.72           | U/L<br>µkat/L             |
| <b>AMY</b><br>Amylase                        | EPS G-7                               | 1 0501             | Original IFCC formulation<br>37°C                  | 181<br>3.01           | U/L<br>µkat/L             |
| <b>PAMY</b><br>Pancreatic amylase            | EPS G-7                               | 1 0551             | Modified IFCC formulation<br>ε p-Nitrophenol, 37°C | 167<br>2.79           | U/L<br>µkat/L             |
| <b>DBIL</b><br>Direct Bilirubin              | DCA                                   | 1 0821             | Jendrassik-Grof                                    | 2.45<br>41.9<br>24.5  | mg/dL<br>µmol/L<br>mg/L   |
| <b>TBIL</b><br>Total Bilirubin               | DCA                                   | 1 0811             | SRM 916a   | 4.11<br>70.2<br>41.1  | mg/dL<br>µmol/L<br>mg/L   |
| <b>BUN</b><br>Urea N                         | Urease UV                             | 1 3101             | SRM 909b Level 1                                   | 49.5<br>17.6<br>0.495 | mg/dL<br>mmol/L<br>g/L    |
|  | Colorimetric, Berthelot               | 1 3115             | SRM 909b Level 1                                   | 51.3<br>18.3<br>0.513 | mg/dL<br>mmol/L<br>g/L    |
| <b>CA</b><br>Calcium                         | Arsenazo                              | 1 1130             | AAS  | 2.53<br>5.05<br>10.1  | mmol/L<br>mval/L<br>mg/dL |
|  | Phosponazo                            | 1 1181             | AAS  | 2.73<br>5.46<br>10.9  | mmol/L<br>mval/L<br>mg/dL |
| <b>CHOL</b><br>Cholesterol                   | CHOD-PAP                              | 1 1300<br>1 1350   | GC-IDMS  | 160<br>4.13<br>1.60   | mg/dL<br>mmol/L<br>g/L    |
| <b>CHE</b><br>Cholinesterase                 | Butyrylthiocholin                     | 1 1401             | DGKC recommended formulation<br>37°C               | 4734<br>78.9          | U/L<br>µkat/L             |
| <b>CK</b><br>Creatine kinase                 | DGKC opt.<br>IFCC 37°C                | 1 1601             | Original IFCC formulation<br>37°C                  | 361<br>6.02           | U/L<br>µkat/L             |
| <b>CREA</b><br>Creatinine                    | Enzymatic PAP                         | 1 1759             | GC-IDMS  | 3.81<br>337<br>38.1   | mg/dL<br>µmol/L<br>mg/L   |
|  | Jaffé, w/o compensation               | 1 1711             | GC-IDMS  | 3.81<br>336<br>38.1   | mg/dL<br>µmol/L<br>mg/L   |
|  | Jaffé, with compensation              | 1 1711             | GC-IDMS  | 4.30<br>380<br>43.0   | mg/dL<br>µmol/L<br>mg/L   |
| <b>FE</b><br>Iron                            | Ferene                                | 1 1911             | SRM 682  | 192<br>34.4<br>1.92   | µg/dL<br>µmol/L<br>mg/L   |
|  | Ferene respons@920                    | 1 1911             | SRM 682  | 198<br>35.4<br>1.98   | µg/dL<br>µmol/L<br>mg/L   |

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|---|---------------------------|------------|------------------------------|-------|--------|
| <b>GGT</b><br>γ-Glutamyltransferase       | Szasz liquid stand. Szasz | 1 2801     | Original formulation         | 87.3  | U/L    |
|   |                           |            | Persijn/v.d.Slik 1976, 37°C  | 1.46  | μkat/L |
|   | Szasz liquid stand. IFCC  | 1 2801     | Original IFCC formulation    | 98.7  | U/L    |
|   |                           |            | 37°C                         | 1.65  | μkat/L |
| <b>GLDH</b><br>Glutamate dehydrogenase    | DGKC 1970 37°C            | 1 2411     | DGKC recommended formulation | 25.9  | U/L    |
|   |                           |            | 37°C                         | 0.432 | μkat/L |
| <b>GLUC</b><br>Glucose                    | GOD-PAP (10 min.)         | 1 2500     | ID-MS                        | 189   | mg/dL  |
|   | GOD-PAP (5 min.)          | 1 2550     |                              | 10.5  | mmol/L |
|   | HK/G6P-DH                 | 1 2511     |                              | 1.89  | g/L    |
|   | Gluc-DH                   | 1 2531     |                              |       |        |
| <b>HBDH</b><br>α-Hydroxybutyrate dehydro. | DGKC 37°C                 | 1 3201     | DGKC recommended formulation | 263   | U/L    |
|   |                           |            | 37°C                         | 4.39  | μkat/L |
| <b>LACT</b><br>Lactate                    | LDH UV                    | 1 4001     | Primary reference material   | 28.1  | mg/dL  |
|   |                           |            |                              | 3.12  | mmol/L |
|   |                           |            |                              | 281   | mg/L   |
| <b>LDH</b><br>Lactate dehydrogenase       | IFCC, DGKC 1994           | 1 4211     | Original IFCC formulation    | 245   | U/L    |
|   |                           |            | 37°C                         | 4.09  | μkat/L |
|   | DGKC 1970                 | 1 4201     | DGKC recommended formulation | 420   | U/L    |
|   |                           |            | 37°C                         | 7.00  | μkat/L |
|   | IFCC, modified            | 1 4251     | Original IFCC formulation    | 239   | U/L    |
|   |                           |            | 37°C                         | 3.99  | μkat/L |
| <b>LPS</b><br>Lipase                      | Colorimetric              | 1 4321     | Molar absorbance coefficient | 102   | U/L    |
|   |                           |            |                              | 1.70  | μkat/L |
| <b>MG</b><br>Magnesium                    | Xylidyl blue              | 1 4610     | AAS                          | 1.14  | mmol/L |
|   |                           |            |                              | 2.28  | mval/L |
|   |                           |            |                              | 2.77  | mg/dL  |
| <b>PO3</b><br>Phosphorus                  | Molybdate UV              | 1 5211     | Internal Standard            | 5.59  | mg/dL  |
|   |                           |            |                              | 1.80  | mmol/L |
|   |                           |            |                              | 55.9  | mg/L   |
| <b>TP</b><br>Total Protein                | Biuret, with sample blank | 1 2311     | Modified Biuret method       | 5.41  | g/dL   |
|   |                           |            |                              | 54.1  | g/L    |
|   | Biuret, w/o sample blank  | 1 2311     | Modified Biuret method       | 5.94  | g/dL   |
|   |                           |            |                              | 59.4  | g/L    |
| <b>TRIG</b><br>Triglycerides              | GPO-PAP                   | 1 5760     | GC-IDMS                      | 144   | mg/dL  |
|   |                           | 1 5710     |                              | 1.62  | mmol/L |
|   |                           |            |                              | 1.44  | g/L    |
| <b>UIBC</b><br>Unsat. Iron Binding Cap.   | Ferene / Ferrozine        | 1 1921     | Internal Standard            | 228   | μg/dL  |
|   |                           |            |                              | 40.8  | μmol/L |
|   |                           |            |                              | 2.28  | mg/L   |
| <b>UREA</b><br>Urea                       | Urease UV                 | 1 3101     | SRM 909b Level 1             | 106   | mg/dL  |
|   |                           |            |                              | 17.6  | mmol/L |
|   |                           |            |                              | 1.06  | g/L    |
|   | Calorimetric, Berthelot   | 1 3115     | SRM 909b Level 1             | 110   | mg/dL  |
|   |                           |            |                              | 18.3  | mmol/L |
|   |                           |            |                              | 1.10  | g/L    |
| <b>UA</b><br>Uric Acid                    | Uricase - TOOS            | 1 3001     | GC ID-MS                     | 5.42  | mg/dL  |
|   |                           |            |                              | 322   | μmol/L |
|   |                           |            |                              | 54.2  | mg/L   |
|   | Uricase - TBHBA           | 1 3021     | GC ID-MS                     | 5.43  | mg/dL  |
|   |                           |            |                              | 323   | μmol/L |
|   |                           |            | 54.3                         | mg/L  |        |

\*This value sheet is short version. For other methods, please ask your distributors or email to [support@proline.co.id](mailto:support@proline.co.id)



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