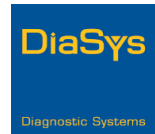




TruCal U

LOT 32773



In-vitro-diagnostic for veterinary use only



2023-10

Cat. No. 5 9100 99 11 063 (20 x 3 mL)

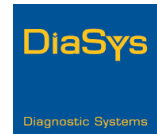
Value sheet version: 1

| Short Name / Analyte | Method | Reagent ID | Traceability | Value | Unit |
|--|---------------------------------------|--------------------|--|-----------------------|---------------------------|
| ALB Albumin | Bromcresol green | 1 0220 | ERM-DA 470 | 3.54 35.4 | g/dL g/L |
| AP Alkaline phosphatase | DGKC 1970 37°C | 1 0401 | DGKC recommended formulation 37°C | 460 7.67 | U/L µkat/L |
| | IFCC 37°C | 1 0441 | IFCC recommended formulation 37°C | 231 3.85 | U/L µkat/L |
| ALT/GPT Alanine aminotransferase | IFCC with pyridoxal phosphate 37°C | 1 2701 + 2 5010 | Original IFCC formulation 37°C | 93.1 1.55 | U/L µkat/L |
| | w/o pyridoxal phosphate 37°C | 1 2701 | Modified IFCC formulation ε NADH, 37°C | 95.2 1.59 | U/L µkat/L |
| AST/GOT Aspartate aminotransferase | IFCC with pyridoxal phosphate 37°C | 1 2601 + 2 5010 | Original IFCC formulation 37°C | 103 1.71 | U/L µkat/L |
| | w/o pyridoxal phosphate 37°C | 1 2601 | Modified IFCC formulation ε NADH, 37°C | 104 1.74 | U/L µkat/L |
| AMY Amylase | EPS G-7 | 1 0501 | Original IFCC formulation 37°C | 175 2.92 | U/L µkat/L |
| PAMY Pancreatic amylase | EPS G-7 | 1 0551 | Modified IFCC formulation ε p-Nitrophenol, 37°C | 162 2.70 | U/L µkat/L |
| DBIL Direct Bilirubin | DCA | 1 0821 | Jendrassik-Grof | 2.34 40.0 23.4 | mg/dL µmol/L mg/L |
| TBIL Total Bilirubin | DCA | 1 0811 | SRM 916a | 3.93 67.2 39.3 | mg/dL µmol/L mg/L |
| BUN Urea N | Urease UV | 1 3101 | SRM 909b Level 1 | 49.5 17.7 0.495 | mg/dL mmol/L g/L |
| | Colorimetric, Berthelot | 1 3115 | SRM 909b Level 1 | 50.9 18.2 0.509 | mg/dL mmol/L g/L |
| CA Calcium | Arsenazo | 1 1130 | AAS | 2.53 5.07 10.2 | mmol/L mval/L mg/dL |
| | Phosphonazo | 1 1181 | AAS | 2.75 5.50 11.0 | mmol/L mval/L mg/dL |
| CHOL Cholesterol | CHOD-PAP | 1 1300 1 1350 | GC-IDMS | 162 4.18 1.62 | mg/dL mmol/L g/L |
| CHE Cholinesterase | Butyrylthiocholin | 1 1401 | DGKC recommended formulation 37°C | 4527 75.5 | U/L µkat/L |
| CK Creatine kinase | DGKC opt. IFCC 37°C | 1 1601 | Original IFCC formulation 37°C | 353 5.88 | U/L µkat/L |



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| Short Name / Analyte | Method | Reagent ID | Traceability | Value | Unit |
|---|---|--------------------------------------|--|--------|--------|
| CREA Creatinine | Enzymatic PAP | 1 1759 | GC-IDMS | 3.79 | mg/dL |
| | | | | 335 | µmol/L |
| | | | | 37.9 | mg/L |
| | Jaffé, w/o compensation | 1 1711 | GC-IDMS | 3.76 | mg/dL |
| | | | | 333 | µmol/L |
| | | | | 37.6 | mg/L |
| | Jaffé, with compensation | 1 1711 | GC-IDMS | 4.19 | mg/dL |
| | | | | 370 | µmol/L |
| | | | | 41.9 | mg/L |
| FE Iron | Ferene | 1 1911 | SRM 682 | 190 | µg/dL |
| | | | | 34.1 | µmol/L |
| | | | | 1.90 | mg/L |
| | Ferene respons*920 | 1 1911 | SRM 682 | 199 | µg/dL |
| | | | | 35.6 | µmol/L |
| 1.99 | mg/L | | | | |
| GGT γ-Glutamyltransferase | Szasz liquid stand. Szasz | 1 2801 | Original formulation Persijn/v.d. Slik 1976, 37°C | 93.4 | U/L |
| | | | | 1.56 | µkat/L |
| | Szasz liquid stand. IFCC | 1 2801 | Original IFCC formulation 37°C | 106 | U/L |
| 1.76 | µkat/L | | | | |
| GLDH Glutamate dehydrogenase | DGKC 1970 37°C | 1 2411 | DGKC recommended formulation 37°C | 24.7 | U/L |
| | | | | 0.412 | µkat/L |
| GLUC Glucose | GOD-PAP (10 min.) GOD-PAP (5 min.) HK/G6P-DH Gluc-DH | 1 2500 1 2550 1 2511 1 2531 | ID-MS | 190 | mg/dL |
| | | | | 10.5 | mmol/L |
| | | | | 1.90 | g/L |
| | | | | | |
| HBDH α-Hydroxybutyrate dehydro. | DGKC 37°C | 1 3201 | DGKC recommended formulation 37°C | 280 | U/L |
| | | | | 4.66 | µkat/L |
| LACT Lactate | LDH UV | 1 4001 | Primary reference material | 27.7 | mg/dL |
| | | | | 3.07 | mmol/L |
| | | | | 277 | mg/L |
| LDH Lactate dehydrogenase | IFCC, DGKC 1994 | 1 4211 | Original IFCC formulation 37°C | 267 | U/L |
| | | | | 4.45 | µkat/L |
| | DGKC 1970 | 1 4201 | DGKC recommended formulation 37°C | 455 | U/L |
| | | | | 7.58 | µkat/L |
| IFCC, modified | 1 4251 | Original IFCC formulation 37°C | 264 | U/L | |
| | | | 4.41 | µkat/L | |
| LPS Lipase | Colorimetric | 1 4321 | Molar absorbance coefficient | 102 | U/L |
| | | | | 1.70 | µkat/L |
| MG Magnesium | Xylidyl blue | 1 4610 | AAS | 1.13 | mmol/L |
| | | | | 2.26 | mval/L |
| | | | | 2.75 | mg/dL |
| PO3 Phosphorus | Molybdate UV | 1 5211 | Internal Standard | 5.55 | mg/dL |
| | | | | 1.79 | mmol/L |
| | | | | 55.5 | mg/L |



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| Short Name / Analyte | Method | Reagent ID | Traceability | Value | Unit |
|---|------------------------------|------------|------------------------|--------|--------|
| TP Total Protein | Biuret, with sample blank | 1 2311 | Modified Biuret method | 5.16 | g/dL |
| | | | | 51.6 | g/L |
| | Biuret, without sample blank | 1 2311 | Modified Biuret method | 5.68 | g/dL |
| | | | 56.8 | g/L | |
| TRIG Triglycerides | GPO-PAP | 1 5760 | GC-IDMS | 136 | mg/dL |
| | | 1 5710 | | 1.53 | mmol/L |
| | | | | 1.36 | g/L |
| UIBC Unsat. Iron Binding Cap. | Ferene / Ferrozine | 1 1921 | Internal Standard | 236 | µg/dL |
| | | | | 42.2 | µmol/L |
| | | | | 2.36 | mg/L |
| UREA Urea | Urease UV | 1 3101 | SRM 909b Level 1 | 106 | mg/dL |
| | | | | 17.7 | mmol/L |
| | Colorimetric, Berthelot | 1 3115 | SRM 909b Level 1 | 1.06 | g/L |
| | | | | 109 | mg/dL |
| | | | | 18.2 | mmol/L |
| | | | 1.09 | g/L | |
| UA Uric Acid | Uricase - TOOS | 1 3001 | GC ID-MS | 5.01 | mg/dL |
| | | | | 298 | µmol/L |
| | Uricase - TBHBA | 1 3021 | GC ID-MS | 50.1 | mg/L |
| | | | | 5.04 | mg/dL |
| | | | 300 | µmol/L | |
| | | | 50.4 | mg/L | |



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