

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 w/o pyridoxal phosphate 37°C	1 2701 + 2 5010 1 2701	Original IFCC formulation 37°C Modified IFCC formulation ε NADH, 37°C	93.1 1.55 95.2 1.59	U/L μkat/L U/L μkat/L
AST/GOT Aspartate aminotransferase	IFCC with pyridoxal phosphate 37°C w/o pyridoxal phosphate 37°C	1 2601 + 2 5010 1 2601	Original IFCC formulation 37°C Modified IFCC formulation ε NADH, 37°C	103 1.71 104 1.74	U/L μkat/L 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
CA Calcium	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
CREA Creatinine	Enzymatic PAP	1 1759	GC-IDMS	3.79 335 37.9	mg/dL μmol/L mg/L
	Jaffé, w/o compensation	1 1711	GC-IDMS	3.76 333 37.6	mg/dL μmol/L mg/L
	Jaffé, with compensation	1 1711	GC-IDMS	4.19 370 41.9	mg/dL μmol/L mg/L
FE Iron	Ferene	1 1911	SRM 682	190 34.1 1.90	μg/dL μmol/L mg/L

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GGT γ-Glutamyltransferase	Szasz liquid stand. IFCC	1 2801	Original IFCC formulation 37°C	106 1.76	U/L μkat/L
GLDH Glutamate dehydrogenase	DGKC 1970 37°C	1 2411	DGKC recommended formulation 37°C	24.7 0.41	U/L μkat/L
GLUC Glucose	GOD-PAP (10 min.) GOD-PAP (5 min.) HK/G6P-DH	1 2500 1 2550 1 2511	ID-MS	190 10.5 1.90	mg/dL mmol/L g/L
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	DGKC recommended formulation 37°C	280 4.66	U/L μkat/L
LACT Lactate	LDH UV	1 4001	Primary reference material	27.7 3.07 277	mg/dL mmol/L mg/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 DGKC 1970	1 4211 14201	Original IFCC formulation 37°C DGKC recommended formulation 37°C	267 4.45 455 7.58	U/L μkat/L U/L μkat/L
LPS Lipase	Colorimetric	1 4321	Molar absorbance coefficient	102 1.70	U/L μkat/L
MG Magnesium	Xylidyl blue	1 4610	AAS	1.13 2.26 2.75	mmol/L mval/L mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	Internal Standard	5.55 1.79 55.5	mg/dL mmol/L mg/L
TP Total Protein	Biuret, with sample blank Biuret, w/o sample blank	1 2311 1 2311	Modified Biuret method	5.16 51.6 5.68 56.8	g/dL g/L g/dL g/L
TRIG Triglycerides	GPO-PAP	1 5760 1 5710	GC-IDMS	136 1.53 1.36	mg/dL mmol/L g/L
UIBC Unsat. Iron Binding Cap.	Ferene / Ferrozine	1 1921	Internal Standard	236 42.2 2.36	μg/dL μmol/L mg/L
UREA Urea	Urease UV	1 3101	SRM 909b Level 1	106 17.7 1.06	mg/dL mmol/L g/L
UA Uric Acid	Uricase - TOOS Uricase - TBHBA	1 3001 1 3021	GC ID-MS	5.01 298 50.1 5.04 300 50.4	mg/dL μmol/L mg/L mg/dL μmol/L mg/L

*This value sheet is short version. For other methods, please ask your distributors or email to technical.support@prodis.co.id



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DiaSys Diagnostic Systems GmbH
Alte Strasse 9 65558 Holzheim
Germany

Repacked and distributed by:
PT Prodia Diagnostic Line
Kawasan Industri Jababeka III
Jl. Tekno 1 Blok C 2 D-E-F
Cikarang, Jawa Barat 17530, Indonesia