

Short Name / Analyte	Method*	Reagent ID	Traceability	Value	Unit
ALB Albumin	Bromcresol green	1 0220	ERM-DA 470	3.56 35.6	g/dL g/L
AP Alkaline phosphatase	DGKC 1970 37°C	1 0401	DGKC recommended formulation 37°C	450 7.50	U/L μkat/L
	IFCC 37°C	1 0441	IFCC recommended formulation 37°C	224 3.73	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	95.2 1.59 97.3 1.62	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	106 1.76 108 1.79	U/L μkat/L U/L μkat/L
AMY Amylase	EPS G-7	1 0501	Original IFCC formulation 37°C	192 3.20	U/L μkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	Modified IFCC formulation ε p-Nitrophenol, 37°C	178 2.97	U/L μkat/L
DBIL Direct Bilirubin	DCA	1 0821	Jendrassik-Grof	2.47 42.3 24.7	mg/dL μmol/L mg/L
TBIL Total Bilirubin	DCA	1 0811	SRM 916a	4.04 69.1 40.4	mg/dL μmol/L mg/L
BUN Urea N	Urease UV	1 3101	SRM 909b Level 1	49.7 17.7 0.497	mg/dL mmol/L g/L
CA Calcium	Phosphonazo	1 1181	AAS	2.78 5.56 11.1	mmol/L mval/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300 1 1350	GC-IDMS	162 4.19 1.62	mg/dL mmol/L g/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	DGKC recommended formulation 37°C	4568 76.1	U/L μkat/L
CK Creatine kinase	DGKC opt. IFCC 37°C	1 1601	Original IFCC formulation 37°C	354 5.89	U/L μkat/L
CREA Creatinine	Enzymatic PAP	1 1759	GC-IDMS	3.89 344 38.9	mg/dL μmol/L mg/L
	Jaffé, w/o compensation	1 1711	GC-IDMS	3.81 337 38.1	mg/dL μmol/L mg/L
	Jaffé, with compensation	1 1711	GC-IDMS	4.32 382 43.2	mg/dL μmol/L mg/L
FE Iron	Ferene	1 1911	SRM 682	191 34.1 1.91	μg/dL μmol/L mg/L

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Value sheet version: 1

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GGT γ-Glutamyltransferase	Szasz liquid stand. IFCC	1 2801	Original IFCC formulation 37°C	115	U/L
				1.92	μkat/L
GLDH Glutamate dehydrogenase	DGKC 1970 37°C	1 2411	DGKC recommended formulation 37°C	25.5	U/L
				0.425	μkat/L
GLUC Glucose	GOD-PAP (10 min.)	1 2500	ID-MS	190	mg/dL
	GOD-PAP (5 min.)	1 2550		10.6	mmol/L
	HK/G6P-DH	1 2511		1.90	g/L
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	DGKC recommended formulation 37°C	265	U/L
				4.42	μkat/L
LACT Lactate	LDH UV	1 4001	Primary reference material	27.8	mg/dL
				3.09	mmol/L
				278	mg/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994	1 4211	Original IFCC formulation 37°C	262	U/L
				4.37	μkat/L
	DGKC 1970	14201	DGKC recommended formulation 37°C	440	U/L
LPS Lipase	Colorimetric	1 4321	Molar absorbance coefficient	7.33	μkat/L
				98.0	U/L
MG Magnesium	Xylidyl blue	1 4610	AAS	1.63	μkat/L
				1.13	mmol/L
				2.26	mval/L
PO3 Phosphorus	Molybdate UV	1 5211	Internal Standard	2.75	mg/dL
				5.61	mg/dL
				1.81	mmol/L
TP Total Protein	Biuret, with sample blank	1 2311	Modified Biuret method	56.1	mg/L
				5.27	g/dL
	Biuret, w/o sample blank	1 2311	Modified Biuret method	52.7	g/L
				5.75	g/dL
TRIG Triglycerides	GPO-PAP	1 5760	GC-IDMS	57.5	g/L
		1 5710		134	mg/dL
				1.50	mmol/L
UIBC Unsat. Iron Binding Cap.	Ferene / Ferrozine	1 1921	Internal Standard	1.34	g/L
				190	μg/dL
				34.0	μmol/L
	For reagents lots >= 29398	1 1921	Internal Standard	1.90	mg/L
				238	μg/dL
UREA Urea	Urease UV	1 3101	SRM 909b Level 1	42.7	μmol/L
				2.38	mg/L
				107	mg/dL
UA Uric Acid	Uricase - TOOS	1 3001	GC ID-MS	17.7	mmol/L
				1.07	g/L
				5.02	mg/dL
	Uricase - TBHBA	1 3021	GC ID-MS	299	μmol/L
				50.2	mg/L
				5.01	mg/dL
				298	μmol/L
				50.1	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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