



Updated sheets: www.proline.co.id/document/

Value sheet version : 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB	Bromcresol green	1 0220	5.19	4.00 - 6.38	g/dL
Albumin			51.9	40.0 - 63.8	g/L
AP	IFCC 37° C	1 0441	176	132 - 220	U/L
Alkaline phosphatase	DGKC 1970 37° C	1 0401	264	198 - 330	U/L
ALT/GPT	IFCC, with pyridoxal phosphate 37° C	1 2701	120	92.3 - 147	U/L
Alanine aminotransferase	without pyridoxal phosphate 37° C	1 2701	120	92.5 - 148	U/L
AST/GOT	IFCC, with pyridoxal phosphate 37° C	1 2601	154	119 - 190	U/L
Aspartate aminotransferase	without pyridoxal phosphate 37° C	1 2601	165	127 - 203	U/L
AMY	EPS-G7	1 0501	222	178 - 266	U/L
Amylase			3.70	2.96 - 4.44	µkat/L
PAMY	EPS-G7	1 0551	111	88.9 - 133	U/L
Pancreatic amylase			1.85	1.48 - 2.22	µkat/L
APOA1	Immunoturbidimetric	1 7102	214	172 - 257	mg/dL
Apolipoprotein A1			2.14	1.72 - 2.57	g/L
APOB	Immunoturbidimetric	1 7112	111	88.4 - 133	mg/dL
Apolipoprotein B			1.11	0.884 - 1.33	g/L
BILE	Enzymatic cycling method	1 2238	37.0	29.6 - 44.3	µmol/L
Total Bile Acids					
DBIL	DCA	1 0821	1.80	1.33 - 2.26	mg/dL
Direct Bilirubin			30.7	22.7 - 38.7	µmol/L
TBIL	DCA	1 0811	5.02	3.72 - 6.33	mg/dL
Total Bilirubin			85.9	63.6 - 108	µmol/L
CA	Phosphonazo	1 1181	3.13	2.79 - 3.48	mmol/L
Calcium			12.6	11.2 - 13.9	mg/dL
CL	Colorimetric	1 1221	137	125 - 149	mmol/L
Chloride			486	442 - 530	mg/dL
CHOL	CHOD-PAP	1 1300	220	189 - 251	mg/dL
Cholesterol			5.70	4.90 - 6.50	mmol/L
CHE	Butyrylthiocolin	1 1401	8958	7346 - 10571	U/L
Cholinesterase			149	122 - 176	µkat/L
CK	DGKC, IFCC 37° C	1 1601	233	186 - 280	U/L
Creatine kinase			3.88	3.11 - 4.66	µkat/L
CKMB	mAK, Immunological method, 37° C	1 1641	51.9	41.5 - 62.3	U/L
Creatine kinase			0.865	0.692 - 1.04	µkat/L
CREA	Jaffé, without compensation	1 1711	5.04	3.93 - 6.14	mg/dL
Creatinine	Jaffé, with compensation	1 1711	5.30	4.13 - 6.46	mg/dL
	Enzymatic PAP	1 1759	5.19	4.05 - 6.33	mg/dL
GGT	IFCC, DGKC 1994 37°C	1 2801	95.6	74.5 - 117	U/L
γ-Glutamyltransferase	Szasz 37°C	1 2801	84.5	65.9 - 103	U/L
GLDH	DGKC 1970 37° C	1 2411	25.7	20.6 - 30.9	U/L
Glutamat dehydrogenase			0.429	0.343 - 0.514	µkat/L
GLUC	GOD-PAP	1 2500	288	242 - 334	mg/dL
Glucose	HK/G6P-DH	1 2511	286	240 - 332	mg/dL
HBDH	DGKC 37° C	1 3201	246	197 - 296	U/L
α-Hydroxybutyrate dehydro.			4.11	3.29 - 4.93	µkat/L
HDLC	Immuno-inhibition	1 3521	59.7	47.7 - 71.6	mg/dL
HDL-Cholesterol	Direct, colorimetric	1 3561	66.5	53.2 - 79.8	mg/dL

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HBUT	β-HBDH 37°C	1 3711	1.06	0.85 - 1.27	mmol/L
β-Hydroxybutyrate			11.0	8.81 - 13.2	mg/dL
IgA	Immunoturbidimetric	1 7202	260	197 - 322	mg/dL
Immunoglobulin A			2.60	1.97 - 3.22	g/L
IgE	Immunoturbidimetric	1 7239	113	90.2 - 135	IU/mL
Immunoglobulin E			271	216 - 325	ng/mL
IgG	Immunoturbidimetric	1 7212	1284	1028 - 1541	mg/dL
Immunoglobulin G			12.8	10.3 - 15.4	g/L
IgM	Immunoturbidimetric	1 7222	121	87.5 - 156	mg/dL
Immunoglobulin M			1.21	0.875 - 1.56	g/L
FE	Ferene	1 1911	236	203 - 269	μg/dL
Iron			42.2	36.3 - 48.1	μmol/L
LACT	LDH UV	1 4001	35.5	28.1 - 43.0	mg/dL
Lactate			3.95	3.12 - 4.77	mmol/L
LDH	IFCC, DGKC 1994 37°C	1 4211	282	231 - 333	U/L
Lactate dehydrogenase	DGKC opt. 1970 37°C	1 4201	474	389 - 560	U/L
LDLC	Homogenous Select, TruCal Lipid	1 4121	124	99.2 - 149	mg/dL
LDL-Cholesterol	Direct, colorimetric	1 4131	132	106 - 159	mg/dL
LPS	Colorimetric	1 4321	96.4	77.1 - 116	U/L
Lipase			1.61	1.28 - 1.93	μkat/L
MG	Xylidyl blue	1 4610	1.95	1.64 - 2.26	mmol/L
Magnesium			4.74	3.98 - 5.50	mg/dL
PL	Enzymatic	1 5741	252	202 - 303	mg/dL
Phospholipids			3.25	2.60 - 3.91	mmol/L
PO3	Molybdate UV , substrate start	1 5211	7.66	6.28 - 9.04	mg/dL
Phosphorus	Molybdate UV , sample start	1 5211	7.56	6.20 - 8.92	mg/dL
K	Enzymatic	1 5221	7.36	6.70 - 8.03	mmol/L
Potassium			28.8	26.2 - 31.4	mg/dL
Na	Enzymatic	1 4808	152	143 - 161	mmol/L
Sodium			350	329 - 371	mg/dL
TP	Biuret, without sample blank	1 2311	9.36	8.33 - 10.4	g/dL
Total Protein	Biuret, with sample blank	1 2311	8.50	7.56 - 9.43	g/dL
TRF	Immunoturbidimetric	17252	316	253 - 379	mg/dL
Transferin			3.16	2.53 - 3.79	g/L
TRIG	GPO-PAP	1 5760	196	161 - 231	mg/dL
Triglycerides		15710	2.21	1.81 - 2.61	mmol/L
UREA	Urease UV	1 3101	153	119 - 186	mg/dL
Urea			25.4	19.8 - 31.0	mmol/L
UA	TBHA	1 3021	7.93	6.82 - 9.04	mg/dL
Uric Acid	TOOS	1 3001	8.10	6.96 - 9.23	mg/dL



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Proline-Tokyo Boeki Series						
Short Name / Analyte	Method	Reagent ID	Value	1 SD	Range	Unit
ALB Albumin	Bromcresol green	1 0220	5.19	0.40	4.39 - 5.98	g/dL
AP Alkaline phosphatase	IFCC 37° C	1 0441	171	14.24	142 - 199	U/L
ALT/GPT Alanine aminotransferase	without pyridoxal phosphate 37° C	1 2701	119	9.14	101 - 137	U/L
AST/GOT Aspartate aminotransferase	without pyridoxal phosphate 37° C	1 2601	155	11.9	132 - 179	U/L
DBIL Direct Bilirubin	DCA	1 0821	1.90	0.16	1.57 - 2.23	mg/dL
TBIL Total Bilirubin	DCA	1 0811	4.93	0.43	4.08 - 5.79	mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	218	10.18	198 - 238	mg/dL
CREA Creatinine	Jaffé, with compensation	1 1711	5.24	0.38	4.47 - 6.01	mg/dL
	Enzymatic PAP	1 1759	4.94	0.36	4.21 - 5.66	mg/dL
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	89.9	6.59	76.7 - 103	U/L
GLUC Glucose	GOD-PAP	1 2500	278	14.8	248 - 308	mg/dL
	HK/G6P-DH	1 2511	289	15.4	259 - 320	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.57	0.31	7.94 - 9.20	g/dL
TRIG Triglycerides	GPO-PAP	1 5760	191	11.5	168 - 214	mg/dL
UREA Urea	Urease UV	1 3101	145	10.6	123 - 166	mg/dL
UA Uric Acid	TBHBA	1 3021	8.06	0.38	7.30 - 8.81	mg/dL

*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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