



2023-08-31

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

Value sheet version: 7

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	3.20	2.46 - 3.94	g/dL
AP Alkaline phosphatase	IFCC 37°C	1 0441	85.1	63.8 - 106	U/L
	DGKC 1970 37°C	1 0401	126	94.6 - 158	U/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701	50.3	38.7 - 61.9	U/L
	without pyridoxal phosphate 37°C	1 2701	52.1	40.1 - 64.1	U/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601	45.7	35.2 - 56.2	U/L
	without pyridoxal phosphate 37°C	1 2601	45.6	35.1 - 56.0	U/L
AMY Amylase	EPS G-7	1 0501	72.2	57.7 - 86.6	U/L
PAMY Pancreatic amylase	EPS G-7	1 0551	28.3	22.6 - 33.9	U/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	109	87.3 - 131	mg/dL
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	59.1	47.3 - 70.9	mg/dL
BILE Total Bile Acids	Enzymatic cycling method	1 2238	12.7	10.1 - 15.2	μmol/L
DBIL Direct Bilirubin	DCA	1 0821	0.73	0.54 - 0.92	mg/dL
TBIL Total Bilirubin	DCA	1 0811	1.48	1.09 - 1.86	mg/dL
CA Calcium	Phosphonazo	1 1181	8.65	7.70 - 9.60	mg/dL
CL Chloride	Colorimetric	1 1221	103	94.1 - 113	mmol/L
CHOL Cholesterol	CHOD-PAP	1 1300 + 1 1350	126	108 - 143	mg/dL
CHE Cholinesterase	Butyrylthiocholin	1 1401	5173	4242 - 6105	U/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	165	132 - 198	U/L
CKMB Creatine kinase	MAK, Immunological method, 37°C	1 1641	34.5	27.6 - 41.4	U/L
CREA Creatinine	Jaffé, without compensation	1 1711	1.43	1.12 - 1.75	mg/dL
	Jaffé, with compensation	1 1711	1.31	1.02 - 1.60	mg/dL
	Enzymatic PAP	1 1759	1.33	1.04 - 1.62	mg/dL
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	30.1	23.5 - 36.7	U/L
	Szasz 37°C	1 2801	26.6	20.8 - 32.5	U/L
GLDH Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	14.6	11.7 - 17.6	U/L
GLUC Glucose	GOD-PAP	1 2500 + 1 2550	87.4	73.4 - 101	mg/dL
	HK/G6P-DH	1 2511	86.6	72.8 - 100	mg/dL
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	127	101 - 152	U/L
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	38.2	32.9 - 43.6	mg/dL
	Direct, colorimetric	1 3561	41.6	35.7 - 47.4	mg/dL
HBUT β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.32	0.26 - 0.39	mmol/L



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IgA Immunoglobulin A	Immunoturbidimetric	1 7202	146	111 - 181	mg/dL
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	63.3	50.7 - 76.0	IU/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	746	597 - 895	mg/dL
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	65.8	47.4 - 84.2	mg/dL
FE Iron	Ferene	1 1911	79.5	68.4 - 90.7	µg/dL
LACT Lactate	LDH UV	1 4001	11.8	9.32 - 14.3	mg/dL
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	146	120 - 172	U/L
	DGKC opt. 1970 37°C	1 4201	239	196 - 282	U/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	69.6	59.8 - 79.3	mg/dL
	Direct, colorimetric	1 4131	68.2	58.7 - 77.7	mg/dL
LPS Lipase	Colorimetric	1 4321	52.8	42.2 - 63.4	U/L
MG Magnesium	Xylidyl blue	1 4610	0.84	0.71 - 0.98	mmol/L
			2.04	1.72 - 2.37	mg/dL
PL Phospholipids	Enzymatic	1 5741	147	118 - 177	mg/dL
PO3 Phosphorus	Molybdate UV, substrate start	1 5211	3.15	2.58 - 3.71	mg/dL
	Molybdate UV, sample start	1 5211	3.00	2.46 - 3.55	mg/dL
K Potassium	Enzymatic	1 5221	4.29	3.91 - 4.68	mmol/L
Na Sodium	Enzymatic	1 4808	135	127 - 143	mmol/L
TP Total Protein	Biuret, without sample blank	1 2311	5.58	4.97 - 6.19	g/dL
	Biuret, with sample blank	1 2311	5.01	4.46 - 5.56	g/dL
TRF Transferrin	Immunoturbidimetric	1 7252	189	151 - 226	mg/dL
TRIG Triglycerides	GPO-PAP	1 5760	86.2	70.7 - 102	mg/dL
		1 5710	0.97	0.80 - 1.15	mmol/L
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	202	162 - 243	µg/dl
UREA Urea	Urease UV	1 3101	39.7	31.0 - 48.4	mg/dL
UA Uric Acid	TBHBA	1 3021	4.99	4.30 - 5.69	mg/dL
	TOOS	1 3001	4.91	4.22 - 5.60	mg/dL

Proline - Tokyo Boeki series						
Short Name / Analyte	Method	Reagent ID	Value	Range	1SD	Unit
ALB Albumin	Bromcresol green	1 0220	3.35	2.83 - 3.86	0.26	g/dL
AP Alkaline phosphatase	IFCC 37°C	1 0441	88.2	74 - 103	7.35	U/L
ALT/GPT Alanine aminotransferase	without pyridoxal phosphate 37°C	1 2701	50.5	43 - 58	3.87	U/L
AST/GOT Aspartate aminotransferase	without pyridoxal phosphate 37°C	1 2601	45.4	38 - 52	3.48	U/L
DBIL Direct Bilirubin	DCA	1 0821	0.70	0.58 - 0.83	0.06	mg/dL
TBIL Total Bilirubin	DCA	1 0811	1.43	1.18 - 1.67	0.12	mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300 + 1 1350	128	116 - 140	5.96	mg/dL
CREA Creatinine	Jaffé, with compensation	1 1711	1.27	1.08 - 1.46	0.09	mg/dL
	Enzymatic PAP	1 1759	1.37	1.17 - 1.57	0.10	mg/dL
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	28.5	24.3 - 33	2.09	U/L
GLUC Glucose	GOD-PAP	1 2500 + 1 2550	91.9	82 - 102	4.90	mg/dL
	HK/G6P-DH	1 2511	88.6	79 - 98	4.73	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	4.93	4.57 - 5.29	0.18	g/dL
TRIG Triglycerides	GPO-PAP	1 5760 1 5710	86.0	76 - 96	5.16	mg/dL
	Urease UV	1 3101	41.3	35 - 47	3.03	mg/dL
UREA Urea	Urease UV	1 3101	41.3	35 - 47	3.03	mg/dL
UA Uric Acid	TBHBA	1 3021	4.91	4.45 - 5.37	0.23	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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