



Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.57	2.75 - 4.40	g/dL
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	76.0	57.0 - 95.0	U/L
	DGKC 1970 37°C	1 0401	120	90.3 - 151	U/L
<b>ALT/GPT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701	50.7	39.1 - 62.4	U/L
	without pyridoxal phosphate 37°C	1 2701	50.9	39.2 - 62.5	U/L
<b>AST/GOT</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601	39.9	30.7 - 49.1	U/L
	without pyridoxal phosphate 37°C	1 2601	38.9	29.9 - 47.8	U/L
<b>AMY</b> Amylase	EPS G-7	1 0501	68.5	54.8 - 82.2	U/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	28.0	22.4 - 33.6	U/L
<b>APOA1</b> Apolipoprotein A1	Immunoturbidimetric	1 7102	126	101 - 151	mg/dL
<b>APOB</b> Apolipoprotein B	Immunoturbidimetric	1 7112	71.2	57.0 - 85.4	mg/dL
<b>BILE</b> Total Bile Acids	Enzymatic cycling method	1 2238	10.8	8.60 - 12.9	µmol/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.72	0.53 - 0.91	mg/dL
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.54	1.14 - 1.94	mg/dL
<b>CA</b> Calcium	Phosphonazo	1 1181	8.64	7.69 - 9.59	mg/dL
<b>CL</b> Chloride	Colorimetric	1 1221	100	90.6 - 108	mmol/L
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300 + 1 1350	146	126 - 167	mg/dL
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	5981	4904 - 7058	U/L
<b>CK</b> Creatine kinase	DGKC, IFCC 37°C	1 1601	147	117 - 176	U/L
<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	35.2	28.1 - 42.2	U/L
<b>CREA</b> Creatinine	Jaffé, without compensation	1 1711	1.47	1.15 - 1.80	mg/dL
	Jaffé, with compensation	1 1711	1.34	1.05 - 1.64	mg/dL
	Enzymatic PAP	1 1759	1.36	1.06 - 1.66	mg/dL
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	30.0	23.4 - 36.6	U/L
<b>GLDH</b> Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	15.7	12.6 - 18.8	U/L
<b>GLUC</b> Glucose	GOD-PAP	1 2500 + 1 2550	85.6	71.9 - 99.3	mg/dL
	HK/G6P-DH	1 2511	83.3	70.0 - 96.7	mg/dL
<b>HBDH</b> α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	118	94.6 - 142	U/L
<b>HDLC</b> HDL-Cholesterol	Immunoinhibition	1 3521	40.9	35.2 - 46.6	mg/dL
<b>HBUT</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.33	0.26 - 0.39	mmol/L



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Updated sheets: [www.proline.co.id/user-area/value-sheet/](http://www.proline.co.id/user-area/value-sheet/)

Value sheet version: 5

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<b>IgA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	159	121 - 198	mg/dL
<b>IgE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	98.7	78.9 - 118	IU/mL
<b>IgG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	811	649 - 973	mg/dL
<b>IgM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	79.1	57.0 - 101	mg/dL
<b>FE</b> Iron	Ferene	1 1911	78.1	67.2 - 89.1	µg/dL
<b>LACT</b> Lactate	LDH UV	1 4001	10.8	8.55 - 13.1	mg/dL
<b>LDH</b> Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	145	119 - 171	U/L
<b>LDLC</b> LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	79.8	68.6 - 91.0	mg/dL
<b>LPS</b> Lipase	Colorimetric	1 4321	53.4	42.7 - 64.1	U/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	2.00	1.68 - 2.32	mg/dL
<b>PL</b> Phospholipids	Enzymatic	1 5741	166	133 - 199	mg/dL
<b>PO3</b> Phosphorus	Molybdate UV, substrate start	1 5211	2.98	2.44 - 3.52	mg/dL
	Molybdate UV, sample start	1 5211	3.02	2.47 - 3.56	mg/dL
<b>K</b> Potassium	Enzymatic	1 5221	3.93	3.58 - 4.29	mmol/L
<b>Na</b> Sodium	Enzymatic	1 4808	129	122 - 137	mmol/L
<b>TP</b> Total Protein	Biuret, without sample blank	1 2311	6.22	5.54 - 6.91	g/dL
	Biuret, with sample blank	1 2311	5.51	4.90 - 6.11	g/dL
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	214	171 - 257	mg/dL
<b>TRIG</b> Triglycerides	GPO-PAP	1 5760	87.0	71.4 - 103	mg/dL
		1 5710			
<b>UIBC</b> Unsat. Iron Binding Cap.	Ferene	1 1921	225	180 - 270	µg/dL
<b>UREA</b> Urea	Urease UV	1 3101	36.2	28.2 - 44.1	mg/dL
<b>UA</b> Uric Acid	TBHBA	1 3021	5.14	4.42 - 5.86	mg/dL
	TOOS	1 3001	5.07	4.36 - 5.78	mg/dL



Proline - Tokyo Boeki series						
Short Name / Analyte	Method	Reagent ID	Value	Range	1SD	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.18	3.18 - 4.33	0.29	g/dL
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	72.6	60.5 - 84.7	6.05	U/L
<b>ALT/GPT</b> Alanine aminotransferase	without pyridoxal phosphate 37°C	1 2701	50.1	42.5 - 57.8	3.84	U/L
<b>AST/GOT</b> Aspartate aminotransferase	without pyridoxal phosphate 37°C	1 2601	39.4	33.4 - 45.4	3.02	U/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.70	0.58 - 0.82	0.06	mg/dL
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.50	1.24 - 1.76	0.13	mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300 + 1 1350	151	137 - 165	7.04	mg/dL
<b>CREA</b> Creatinine	Jaffé, with compensation	1 1711	1.30	1.11 - 1.49	0.10	mg/dL
	Enzymatic PAP	1 1759	1.42	1.21 - 1.63	0.10	mg/dL
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	27.4	23.3 - 31.4	2.01	U/L
<b>GLUC</b> Glucose	GOD-PAP	1 2500 + 1 2550	84.8	75.7 - 93.8	4.52	mg/dL
	HK/G6P-DH	1 2511	82.5	73.7 - 91.3	4.40	mg/dL
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	5.77	5.35 - 6.19	0.21	g/dL
<b>TRIG</b> Triglycerides	GPO-PAP	1 5760	88.5	77.9 - 99.1	5.31	mg/dL
		1 5710				
<b>UREA</b> Urea	Urease UV	1 3101	37.5	32.0 - 43.0	2.75	mg/dL
<b>UA</b> Uric Acid	TBHBA	1 3021	4.89	4.43 - 5.34	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](mailto:technical.support@prodis.co.id)

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