



2023-01-31

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

Value sheet version: 4

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	5.42	4.17 - 6.67	g/dL
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	194	146 - 243	U/L
	DGKC 1970 37°C	1 0401	300	225 - 375	U/L
<b>ALT/GPT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701	124	95.4 - 152	U/L
	without pyridoxal phosphate 37°C	1 2701	122	94.3 - 151	U/L
<b>AST/GOT</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601	180	139 - 222	U/L
	without pyridoxal phosphate 37°C	1 2601	180	138 - 221	U/L
<b>AMY</b> Amylase	EPS G-7	1 0501	230	184 - 276	U/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	110	88.3 - 132	U/L
<b>APOA1</b> Apolipoprotein A1	Immunoturbidimetric	1 7102	200	160 - 240	mg/dL
<b>APOB</b> Apolipoprotein B	Immunoturbidimetric	1 7112	115	91.8 - 138	mg/dL
<b>BILE</b> Total Bile Acids	Enzymatic cycling method	1 2238	42.8	34.3 - 51.4	µmol/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	1.60	1.18 - 2.01	mg/dL
<b>TBIL</b> Total Bilirubin	DCA	1 0811	4.61	3.41 - 5.81	mg/dL
<b>CA</b> Calcium	Phosphonazo	1 1181	12.4	11.1 - 13.8	mg/dL
<b>CL</b> Chloride	Colorimetric	1 1221	132	120 - 144	mmol/L
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300	232	200 - 265	mg/dL
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	9029	7404 - 10654	U/L
<b>CK</b> Creatine kinase	DGKC, IFCC 37°C	1 1601	266	213 - 319	U/L
<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	71.1	56.9 - 85.3	U/L
<b>CREA</b> Creatinine	Jaffé, without compensation	1 1711	4.69	3.66 - 5.73	mg/dL
	Jaffé, with compensation	1 1711	4.92	3.84 - 6.00	mg/dL
	Enzymatic PAP	1 1759	4.84	3.78 - 5.91	mg/dL
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	100	78.1 - 122	U/L
<b>GLDH</b> Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	32.3	25.8 - 38.7	U/L
<b>GLUC</b> Glucose	GOD-PAP	1 2500	283	238 - 329	mg/dL
	HK/G6P-DH	1 2511	279	234 - 323	mg/dL
<b>HBDH</b> α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	260	208 - 312	U/L
<b>HDLC</b> HDL-Cholesterol	Immunoinhibition	1 3521	62.5	53.8 - 71.3	mg/dL
<b>HBUT</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	1.07	0.855 - 1.28	mmol/L

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<b>IgA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	255	194 - 316	mg/dL
<b>IgE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	134	108 - 161	IU/mL
<b>IgG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	1355	1084 - 1626	mg/dL
<b>IgM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.1 - 155	mg/dL
<b>FE</b> Iron	Ferene	1 1911	245	211 - 279	µg/dL
<b>LACT</b> Lactate	LDH UV	1 4001	32.1	25.4 - 38.9	mg/dL
<b>LDH</b> Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	295	242 - 348	U/L
<b>LDLC</b> LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	127	109 - 145	mg/dL
<b>LPS</b> Lipase	Colorimetric	1 4321	101	80.7 - 121	U/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	4.75	3.99 - 5.51	mg/dL
<b>PL</b> Phospholipids	Enzymatic	1 5741	259	207 - 311	mg/dL
<b>PO3</b> Phosphorus	Molybdate UV, substrate start	1 5211	7.24	5.93 - 8.54	mg/dL
	Molybdate UV, sample start	1 5211	7.11	5.83 - 8.38	mg/dL
<b>K</b> Potassium	Enzymatic	1 5221	7.61	6.93 - 8.30	mmol/L
<b>Na</b> Sodium	Enzymatic	1 4808	156	147 - 165	mmol/L
<b>TP</b> Total Protein	Biuret, without sample blank	1 2311	9.76	8.68 - 10.8	g/dL
	Biuret, with sample blank	1 2311	8.61	7.66 - 9.56	g/dL
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	329	263 - 395	mg/dL
<b>TRIG</b> Triglycerides	GPO-PAP	1 5760	194	159 - 229	mg/dL
<b>UREA</b> Urea	Urease UV	1 3101	155	121 - 189	mg/dL
<b>UA</b> Uric Acid	TBHBA	1 3021	8.25	7.10 - 9.41	mg/dL
	TOOS	1 3001	8.40	7.22 - 9.58	mg/dL



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Proline - Tokyo Boeki series						
Short Name / Analyte	Method	Reagent ID	Value	Range	1SD	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	5.66	4.79 - 6.53	0.43	g/dL
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	193	161 - 226	16.1	U/L
<b>ALT/GPT</b> Alanine aminotransferase	without pyridoxal phosphate 37°C	1 2701	119	101 - 137	9.11	U/L
<b>AST/GOT</b> Aspartate aminotransferase	without pyridoxal phosphate 37°C	1 2601	187	158 - 216	14.4	U/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	1.69	1.40 - 1.98	0.15	mg/dL
<b>TBIL</b> Total Bilirubin	DCA	1 0811	4.69	3.88 - 5.50	0.41	mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300	232	211 - 254	10.8	mg/dL
<b>CREA</b> Creatinine	Jaffé, with compensation	1 1711	4.77	4.07 - 5.47	0.35	mg/dL
	Enzymatic PAP	1 1759	4.91	4.19 - 5.63	0.36	mg/dL
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	97.3	83.1 - 112	7.14	U/L
<b>GLUC</b> Glucose	GOD-PAP	1 2500	279	249 - 309	14.9	mg/dL
	HK/G6P-DH	1 2511	277	248 - 307	14.8	mg/dL
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	8.69	8.05 - 9.32	0.32	g/dL
<b>TRIG</b> Triglycerides	GPO-PAP	1 5760	190	167 - 213	11.4	mg/dL
		1 5710				
<b>UREA</b> Urea	Urease UV	1 3101	144	123 - 165	10.6	mg/dL
<b>UA</b> Uric Acid	TBHBA	1 3021	8.17	7.40 - 8.93	0.38	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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