


# Proline TruLab N

**LOT** 32786

Cat. No. 5 9000 99 88 061 (6 x 5 mL)

1/3

 28/02/2025**IVD**Updated sheets: [www.proline.co.id/document/](http://www.proline.co.id/document/)

Value sheet version : 7


Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>ALB</b>	Bromcresol green	1 0220	3.46	2.67 - 4.26	g/dL
Albumin			34.6	26.7 - 42.6	g/L
<b>AP</b>	IFCC 37° C	1 0441	65.1	48.8 - 81.4	U/L
Alkaline phosphatase	DGKC 1970 37° C	1 0401	114	85.5 - 143	U/L
<b>ALT/GPT</b>	IFCC, with pyridoxal phosphate 37° C	1 2701	51.4	39.6 - 63.3	U/L
Alanine aminotransferase	without pyridoxal phosphate 37° C	1 2701	52.2	40.2 - 64.2	U/L
<b>AST/GOT</b>	IFCC, with pyridoxal phosphate 37° C	1 2601	42.6	32.8 - 52.4	U/L
Aspartate aminotransferase	without pyridoxal phosphate 37° C	1 2601	42.9	33.1 - 52.8	U/L
<b>AMY</b>	EPS-G7	1 0501	69.6	55.7 - 83.5	U/L
Amylase					
<b>PAMY</b>	EPS-G7	1 0551	27.1	21.7 - 32.6	U/L
Pancreatic amylase					
<b>APOA1</b>	Immunoturbidimetric	1 7102	116	93.1 - 140	mg/dL
Apolipoprotein A1			1.16	0.931 - 1.40	g/L
<b>APOB</b>	Immunoturbidimetric	1 7112	65.6	52.5 - 78.8	mg/dL
Apolipoprotein B			0.656	0.525 - 0.788	g/L
<b>BILE</b>	Enzymatic cycling method	1 2238	13.8	11.0 - 16.5	µmol/L
Total Bile Acids					
<b>DBIL</b>	DCA	1 0821	0.90	0.66 - 1.13	mg/dL
Direct Bilirubin					
<b>TBIL</b>	DCA	1 0811	1.66	1.23 - 2.09	mg/dL
Total Bilirubin					
<b>CA</b>	Phosphonazo	1 1181	8.53	7.59 - 9.47	mg/dL
Calcium					
<b>CL</b>	Colorimetric	1 1221	108	97.9 - 117	mmol/L
Chloride			382	347 - 416	mg/dL
<b>CHOL</b>	CHOD-PAP	1 1300	137	118 - 156	mg/dL
Cholesterol					
<b>CHE</b>	Butyrylthiocolin	1 1401	5481	4495 - 6468	U/L
Cholinesterase					
<b>CK</b>	DGKC, IFCC 37° C	1 1601	143	114 - 171	U/L
Creatine kinase					
<b>CKMB</b>	mAK, Immunological method, 37° C	1 1641	29.7	23.8 - 35.7	U/L
Creatine kinase					
<b>CREA</b>	Jaffé, without compensation	1 1711	1.36	1.06 - 1.66	mg/dL
Creatinine	Jaffé, with compensation	1 1711	1.24	0.97 - 1.52	mg/dL
	Enzymatic PAP	1 1759	1.21	0.95 - 1.48	mg/dL
<b>GGT</b>	IFCC, DGKC 1994 37°C	1 2801	29.9	23.4 - 36.5	U/L
γ-Glutamyltransferase	Szasz 37°C	1 2801	26.5	20.7 - 32.3	U/L
<b>GLDH</b>	DGKC 1970 37° C	1 2411	14.5	11.6 - 17.4	U/L
Glutamat dehydrogenase					
<b>GLUC</b>	GOD-PAP	1 2500	99.8	83.8 - 116	mg/dL
Glucose	HK/G6P-DH	1 2511	97.5	81.9 - 113	mg/dL
<b>HBDH</b>	DGKC 37° C	1 3201	126	101 - 152	U/L
α-Hydroxybutyrate dehydro.					
<b>HDLC</b>	Immunoinhibition	1 3521	40.4	34.7 - 46.0	mg/dL
HDL-Cholesterol	Direct, colorimetric	1 3561	40.2	34.6 - 45.8	mg/dL

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<b>HBUT</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.30	0.24 - 0.36	mmol/L
<b>IgA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	162	123 - 200	mg/dL
<b>IgE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	65.8	52.7 - 79.0	IU/mL
<b>IgG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	806	645 - 968	mg/dL
<b>IgM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	72.8	52.4 - 93.2	mg/dL
<b>FE</b> Iron	Ferene	1 1911	81.4	70.0 - 92.8	µg/dL
<b>LACT</b> Lactate	LDH UV	1 4001		9.28 - 14.2	mg/dL
<b>LDH</b> Lactate dehydrogenase	IFCC, DGKC 1994 37°C DGKC opt. 1970 37°C	1 4211 1 4201	147 241	121 - 174 198 - 285	U/L U/L
<b>LDLC</b> LDL-Cholesterol	Homogenous Select, TruCal Lipid Direct, colorimetric	1 4121 1 4131	73.7 70.4	63.4 - 84.0 60.5 - 80.2	mg/dL mg/dL
<b>LPS</b> Lipase	Colorimetric	1 4321	54.5	43.6 - 65.4	U/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	1.90	1.60 - 2.20	mg/dL
<b>PL</b> Phospholipids	Enzymatic	1 5741	162	129 - 194	mg/dL
<b>PO3</b> Phosphorus	Molybdate UV , substrate start Molybdate UV , sample start	1 5211 1 5211	3.12 3.13	2.56 - 3.68 2.56 - 3.69	mg/dL mg/dL
<b>K</b> Pottasium	Enzymatic	1 5221	3.90 15.3	3.55 - 4.25 13.9 - 16.6	mmol/L mg/dL
<b>Na</b> Sodium	Enzymatic	1 4808	127 291	119 - 134 273 - 308	mmol/L mg/dL
<b>TP</b> Total Protein	Biuret, without sample blank Biuret, with sample blank	1 2311 1 2311	6.03 5.31	5.36 - 6.69 4.73 - 5.90	g/dL g/dL
<b>TRF</b> Transferin	Immunoturbidimetric	1 7252	208 2.08	166 - 249 1.66 - 2.49	mg/dL g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5760	88.3	72.4 - 104	mg/dL
<b>UIBC</b> Unsat.Iron Binding Cap.	Ferene	1 1921	215	172 - 258	µg/dL
<b>UREA</b> Urea	Urease UV	1 3101	35.2	27.5 - 42.9	mg/dL
<b>UA</b> Uric Acid	TBHBA TOOS	1 3021 1 3001	4.64 4.71	3.99 - 5.29 4.05 - 5.37	mg/dL mg/dL

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Proline-Tokyo Boeki Series						
Short Name / Analyte	Method	Reagent ID	Value	1 SD	Range	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.44	0.26	2.91 - 3.97	g/dL
<b>AP</b> Alkaline phosphatase	IFCC 37° C	1 0441	62.8	5.23	52.3 - 73.2	U/L
<b>ALT/GPT</b> Alanine aminotransferase	without pyridoxal phosphate 37° C	1 2701	52.8	4.05	44.7 - 60.9	U/L
<b>AST/GOT</b> Aspartate aminotransferase	without pyridoxal phosphate 37° C	1 2601	42.6	3.27	36.1 - 49.1	U/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.88	0.08	0.73 - 1.03	mg/dL
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.61	0.14	1.33 - 1.89	mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300	139	6.51	126 - 152	mg/dL
<b>CREA</b> Creatinine	Jaffé, with compensation Enzymatic PAP	1 1711 1 1759	1.19 1.23	0.09 0.09	1.01 - 1.36 1.05 - 1.41	mg/dL mg/dL
<b>GGT</b> $\gamma$ -Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	29.1	2.14	24.9 - 33.4	U/L
<b>GLUC</b> Glucose	GOD-PAP HK/G6P-DH	1 2500 1 2511	101.1 97.4	5.39 5.19	90.4 - 112 87.0 - 108	mg/dL mg/dL
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	5.27	0.19	4.89 - 5.66	g/dL
<b>TRIG</b> Triglycerides	GPO-PAP	1 5760	88.7	5.32	78.1 - 99.3	mg/dL
<b>UREA</b> Urea	Urease UV	1 3101	36.1	2.64	30.8 - 41.3	mg/dL
<b>UA</b> Uric Acid	TBHBA	1 3021	4.91	0.23	4.45 - 5.37	mg/dL

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