

# Proline TruLab P

**LOT 35532**

Cat. No. 5 9050 99 88 061 (6 x 5 mL)

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**31-10-2026**
**IVD**
[Updated sheets: www.proline.co.id/document/](http://www.proline.co.id/document/)

Value sheet version : 5

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>ALB</b>	Bromcresol green	1 0220	5.07	3.90 - 6.24	g/dL
Albumin			5.07	39.0 - 62.4	g/L
<b>AP</b>	IFCC 37 °C	1 0441	150	112 - 187	U/L
Alkaline phosphatase			2.50	1.87 - 3.12	µkat/L
<b>ALT/GPT</b>	IFCC, with pyridoxal phosphate 37 °C	1 2701	112	86.5 - 138	U/L
Alanine aminotransferase	without pyridoxal phosphate 37 °C	1 2701	112	86.5 - 138	U/L
<b>AST/GOT</b>	IFCC, with pyridoxal phosphate 37 °C	1 2601	143	110 - 176	U/L
Aspartate aminotransferase	without pyridoxal phosphate 37° C	1 2601	143	110 - 176	U/L
<b>AMY</b>	EPS-G7	1 0501	199	159 - 239	U/L
Amylase					
<b>PAMY</b>	EPS-G7	1 0551	99.7	79.8 - 120	U/L
Pancreatic amylase					
<b>APOA1</b>	Immunoturbidimetric	1 7102	204	163 - 244	mg/dL
Apolipoprotein A1			2.04	1.63 - 2.44	g/L
<b>APOB</b>	Immunoturbidimetric	1 7112	104	83.5 - 125	mg/dL
Apolipoprotein B			1.04	0.835 - 1.25	g/L
<b>BILE</b>	Enzymatic cycling method	1 2238	41.0	32.8 - 49.2	µmol/L
Total Bile Acids					
<b>DBIL</b>	DCA	1 0821	1.71	1.27 - 2.16	mg/dL
Direct Bilirubin			29.3	21.7 - 36.9	µmol/L
<b>TBIL</b>	DCA	1 0811	3.87	2.87 - 4.88	mg/dL
Total Bilirubin			66.2	49.0 - 83.4	µmol/L
<b>CA</b>	Phosphonazo	1 1181	11.5	10.3 - 12.8	mg/dL
Calcium					
<b>CL</b>	Colorimetric	1 1221	123	112 - 134	mmol/L
Chloride			436	397 - 475	mg/dL
<b>CHOL</b>	CHOD-PAP	1 1300	213	183 - 243	mg/dL
Cholesterol					
<b>CHE</b>	Butyrylthiocolin	1 1401	8570	7027 - 10112	U/L
Cholinesterase					
<b>CK</b>	DGKC, IFCC 37 °C	1 1601	209	167 - 250	U/L
Creatine kinase					
<b>CKMB</b>	mAK, Immunological method, 37 °C	1 1641	50.7	40.6 - 60.9	U/L
Creatine kinase					
<b>CREA</b>	Jaffé, without compensation	1 1711	4.69	3.66 - 5.73	mg/dL
Creatinine	Jaffé, with compensation	1 1711	4.94	3.86 - 6.03	mg/dL
	Enzymatic PAP	1 1759	4.82	3.76 - 5.88	mg/dL
<b>GGT</b>	IFCC, DGKC 1994 37 °C	1 2801	96.3	75.1 - 117	U/L
γ-Glutamyltransferase	Szasz 37 °C	1 2801	85.2	66.4 - 104	U/L
<b>GLDH</b>	DGKC 1970 37 °C	1 2411	23.8	19.0 - 28.5	U/L
Glutamat dehydrogenase					
<b>GLUC</b>	GOD-PAP	1 2500	280	235 - 325	mg/dL
Glucose	HK/G6P-DH	1 2511	281	236 - 326	mg/dL
<b>HBDH</b>	DGKC 37°C	1 3201	238	191 - 286	U/L
α-Hydroxybutyrate dehydro.					
<b>HDLC</b>	Direct, colorimetric	1 3561	64.0	51.2 - 76.7	mg/dL
HDL-Cholesterol					

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Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>HBUT</b> β-Hydroxybutyrate	β-HBDH 37 °C	1 3711	0.936 9.75	0.749 - 1.12 7.80 - 11.7	mmol/L mg/dL
<b>IgA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	256	195 - 318	mg/dL
<b>IgE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	118	94.2 - 141	IU/mL
<b>IgG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	1249	999 - 1499	mg/dL
<b>IgM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.3 - 155	mg/dL
<b>FE</b> Iron	Ferene	1 1911	221	190 - 252	µg/dL
<b>LACT</b> Lactate	LDH UV	1 4001	34.4	27.2 - 41.6	mg/dL
<b>LDH</b> Lactate dehydrogenase	IFCC, modified	1 4251	283	232 - 334	U/L
<b>LDLC</b> LDL-Cholesterol	Direct, colorimetric	1 4131	125	100 - 150	mg/dL
<b>LPS</b> Lipase	Colorimetric	1 4321	91.0	72.8 - 109	U/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	3.35	2.81 - 3.88	mg/dL
<b>PL</b> Phospholipids	Enzymatic	1 5741	243	195 - 292	mg/dL
<b>PO3</b> Phosphorus	Molybdate UV , substrate start Molybdate UV , sample start	1 5211 1 5211	6.63 6.57	5.44 - 7.83 5.39 - 7.76	mg/dL mg/dL
<b>K</b> Pottasium	Enzymatic	1 5221	7.01 27.4	6.38 - 7.64 24.9 - 29.9	mmol/L mg/dL
<b>Na</b> Sodium	Enzymatic	1 4808	140 321	131 - 148 302 - 340	mmol/L mg/dL
<b>TP</b> Total Protein	Biuret, without sample blank Biuret, with sample blank	1 2311 1 2311	9.19 8.28	8.18 - 10.2 7.37 - 9.20	g/dL g/dL
<b>TRF</b> Transferin	Immunoturbidimetric	1 7252	321	257 - 385	mg/dL
<b>TRIG</b> Triglycerides	GPO-PAP	1 5710	180 2.03	148 - 213 1.66 - 2.39	mg/dL mmol/L
<b>UREA</b> Urea	Urease UV	1 3101	143 23.8	111 - 174 18.5 - 29.0	mg/dL mmol/L
<b>UA</b> Uric Acid	TBHA TOOS	1 3021 1 3001	7.24 8.07	6.23 - 8.25 6.94 - 9.20	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>	Bromcresol green	1 0220	5.33	0.41	4.51 - 6.14	g/dL
Albumin						
<b>AP</b>	IFCC 37 °C	1 0441	147	12.2	122.3 - 171.2	U/L
Alkaline phosphatase						
<b>ALT/GPT</b>	without pyridoxal phosphate 37 °C	1 2701	108.3	8.30	91.7 - 124.9	U/L
Alanine aminotransferase						
<b>AST/GOT</b>	without pyridoxal phosphate 37 °C	1 2601	140	10.74	118.6 - 161.5	U/L
Aspartate aminotransferase						
<b>DBIL</b>	DCA	1 0821	1.70	0.15	1.41 - 2.00	mg/dL
Direct Bilirubin						
<b>TBIL</b>	DCA	1 0811	3.85	0.33	3.19 - 4.52	mg/dL
Total Bilirubin						
<b>CHOL</b>	CHOD-PAP	1 1300	218	10.2	198 - 238	mg/dL
Cholesterol						
<b>CREA</b>	Jaffé, with compensation	1 1711	4.88	0.36	4.17 - 5.60	mg/dL
Creatinine	Enzymatic PAP	1 1759	4.79	0.35	4.08 - 5.49	mg/dL
<b>GGT</b>	IFCC, DGKC 1994 37 °C	1 2801	91.7	6.72	78.2 - 105	U/L
$\gamma$ -Glutamyltransferase						
<b>GLUC</b>	GOD-PAP	1 2500	290	15.46	259 - 321	mg/dL
Glucose	HK/G6P-DH	1 2511	286	15.3	255 - 316	mg/dL
<b>TP</b>	Biuret, with sample blank	1 2311	8.30	0.30	7.69 - 8.91	g/dL
Total Protein						
<b>TRIG</b>	GPO-PAP	1 5760	177	10.6	156 - 199	mg/dL
Triglycerides						
<b>UREA</b>	Urease UV	1 3101	138	10.1	118 - 159	mg/dL
Urea						
<b>UA</b>	TBHBA	1 3021	7.88	0.37	7.15 - 8.62	mg/dL
Uric Acid						

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