

Proline TruLab N

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

LOT 39048



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2029-02-28



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

Value sheet version : 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB	Bromcresol green	1 0220	3.70	2.85 - 4.55	g/dL
Albumin			37.0	28.5 - 45.5	g/L
AP	IFCC 37 °C	1 0441	76.4	57.3 - 95.5	U/L
Alkaline phosphatase			1.27	0.96 - 1.59	μkat/L
ALT	IFCC	1 2701	51.5	39.6 - 63.3	U/L
Alanine aminotransferase	with pyridoxal phosphate 37 °C	2 5010	0.858	0.66 - 1.05	μkat/L
	without pyridoxal phosphate 37 °C	1 2701	52.7	40.6 - 64.9	U/L
			0.879	0.68 - 1.08	μkat/L
AST	IFCC	1 2601	40.9	31.5 - 50.4	U/L
Aspartate aminotransferase	with pyridoxal phosphate 37 °C	2 5010	0.682	0.53 - 0.839	μkat/L
	without pyridoxal phosphate 37 °C	1 2601	40.0	30.8 - 49.2	U/L
			0.667	0.51 - 0.820	μkat/L
AMY	EPS-G7	1 0501	70.0	56.0 - 84.0	U/L
Amylase			1.17	0.93 - 1.40	μkat/L
PAMY	EPS-G7	1 0551	29.6	23.7 - 35.6	U/L
Pancreatic amylase			0.494	0.40 - 0.593	μkat/L
APOA1	Immunoturbidimetric	1 7102	141	113 - 169	mg/dL
Apolipoprotein A1			1.41	1.13 - 1.69	g/L
APOB	Immunoturbidimetric	1 7112	72.2	57.8 - 86.7	mg/dL
Apolipoprotein B			0.722	0.58 - 0.867	g/L
TBA	Enzymatic cycling method	1 2238	8.34	6.67 - 10.0	μmol/L
Total Bile Acids					
DBIL	DCA	1 0821	0.880	0.65 - 1.11	mg/dL
Direct Bilirubin			15.1	11.1 - 19.0	μmol/L
TBIL	DCA	1 0811	1.56	1.15 - 1.96	mg/dL
Total Bilirubin			26.6	19.7 - 33.6	μmol/L
BUN	Urease UV	1 1130	20.5	16.0 - 25.0	mg/dL
Urea N			7.30	5.69 - 8.90	mmol/L
CAAS	Arsenazo	1 1130	2.04	1.82 - 2.27	mmol/L
Calcium			8.18	7.28 - 9.09	mg/dL
CA	Phosphonazo	1 1181	2.11	1.88 - 2.34	mmol/L
Calcium			8.45	7.52 - 9.38	mg/dL
CL21	Colorimetric	1 1221	105	95.3 - 114	mmol/L
Chloride			371	338 - 405	mg/dL
CHOL	CHOD-PAP	1 1300	147	126 - 167	mg/dL
Cholesterol			3.79	3.26 - 4.32	mmol/L
CHE	Butyrylthiocolin	1 1401	6271	5142 - 7400	U/L
Cholinesterase			105	85.7 - 123	μkat/L
CK	DGKC, IFCC 37 °C	1 1601	169	135 - 203	U/L
Creatine kinase			2.82	2.25 - 3.38	μkat/L
CKMB	mAK, Immunological method, 37 °C	1 1641	38.5	30.8 - 46.1	U/L
Creatine kinase			0.641	0.51 - 0.769	μkat/L
CREA	Jaffé, without compensation	1 1711	1.43	1.12 - 1.75	mg/dL
Creatinine			126	98.6 - 154	μmol/L
	Jaffé, with compensation	1 1711	1.30	1.01 - 1.59	mg/dL
			115	89.7 - 140	μmol/L
CREAP	Enzymatic PAP	1 1759	1.29	1.00 - 1.57	mg/dL
Creatinine			114	88.8 - 139	μmol/L
GGT	IFCC, DGKC 1994 37 °C	1 2801	35.1	27.4 - 42.8	U/L
γ-Glutamyltransferase			0.585	0.46 - 0.714	μkat/L
	Szasz 37 °C	1 2801	31.1	24.2 - 37.9	U/L
			0.518	0.40 - 0.631	μkat/L

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GLDH	DGKC 1970 37 °C	1 2411	14.8	11.8 - 17.7	U/L
Glutamat dehydrogenase			0.246	0.20 - 0.295	µkat/L
GLUC	GOD-PAP	1 2500	93.8	78.8 - 109	mg/dL
Glucose			5.21	4.37 - 6.04	mmol/L
GLUHK	HK/G6P-DH	1 2511	93.8	78.8 - 109	mg/dL
Glucose			5.21	4.37 - 6.04	mmol/L
HDLCD	Direct, colorimetric	1 3561	39.8	31.9 - 47.8	mg/dL
HDL-Cholesterol			1.03	0.82 - 1.24	mmol/L
HBUT21	β-HBDH 37°C	1 3711	0.319	0.26 - 0.383	mmol/L
β-Hydroxybutyrate			3.32	2.66 - 3.99	mg/dL
IGA	Immunoturbidimetric	1 7202	181	137 - 224	mg/dL
Immunoglobulin A			1.81	1.37 - 2.24	g/L
IGE	Immunoturbidimetric	1 7239	74.1	59.3 - 89.0	IU/mL
Immunoglobulin E			178	142 - 214	ng/mL
IGG	Immunoturbidimetric	1 7212	867	693 - 1040	mg/dL
Immunoglobulin G			8.67	6.93 - 10.4	g/L
IGM	Immunoturbidimetric	1 7222	83.4	60.0 - 107	mg/dL
Immunoglobulin M			0.834	0.60 - 1.07	g/L
FE	Ferene	1 1911	87.0	74.8 - 99.1	µg/dL
Iron			15.6	13.4 - 17.8	µmol/L
LACT	LDH UV	1 4001	10.8	8.50 - 13.0	mg/dL
Lactate			1.19	0.94 - 1.45	mmol/L
LDH21	IFCC, modified	1 4251	166	136 - 196	U/L
Lactate dehydrogenase			2.77	2.27 - 3.27	µkat/L
LDH	DGKC opt. 1970 37°C	1 4201	270	221 - 319	U/L
Lactate dehydrogenase			4.50	3.69 - 5.31	µkat/L
LDLCD	Direct, colorimetric	1 4131	82.6	66.1 - 99.1	mg/dL
LDL-Cholesterol			2.14	1.71 - 2.56	mmol/L
LPS	Colorimetric	1 4321	59.6	47.7 - 71.5	U/L
Lipase			0.993	0.80 - 1.19	µkat/L
MG	Xylidyl blue	1 4610	0.842	0.71 - 0.976	mmol/L
Magnesium			2.05	1.72 - 2.37	mg/dL
PO4	Molybdate UV , substrate start	1 5211	2.56	2.10 - 3.02	mg/dL
Phosphorus			0.827	0.68 - 0.976	mmol/L
	Molybdate UV , sample start	1 5211	2.56	2.10 - 3.02	mg/dL
			0.825	0.68 - 0.974	mmol/L
K enz.	Enzymatic	1 5221	4.48	4.07 - 4.88	mmol/L
Potassium			17.5	15.9 - 19.1	mg/dL
Na enz.	Enzymatic	1 4808	123	116 - 130	mmol/L
Sodium			283	266 - 299	mg/dL
TP	Biuret, without sample blank	1 2311	6.68	5.94 - 7.41	g/dL
Total Protein			66.8	59.4 - 74.1	g/L
	Biuret, with sample blank	1 2311	6.11	5.44 - 6.79	g/dL
			61.1	54.4 - 67.9	g/L
TRF	Immunoturbidimetric	1 7252	217	174 - 261	mg/dL
Transferrin			2.17	1.74 - 2.61	g/L
TRIG	GPO-PAP	1 5710	83.0	68.0 - 97.9	mg/dL
Triglycerides			0.934	0.77 - 1.10	mmol/L
UIBC	Ferene	1 1921	243	194 - 291	µg/dL
Unsat. Iron Binding Cap.			43.5	34.8 - 52.2	µmol/L
UREA	Urease UV	1 3101	43.8	34.2 - 53.5	mg/dL
Urea			7.30	5.69 - 8.90	mmol/L
UA TBH	TBHBA	1 3021	4.61	3.97 - 5.26	mg/dL
Uric Acid			274	236 - 313	µmol/L
UA	TOOS	1 3001	4.56	3.92 - 5.20	mg/dL
Uric Acid			271	233 - 309	µmol/L

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Proline-Tokyo Boeki Series						
Short Name / Analyte	Method	Reagent ID	Value	1 SD	Range	Unit
ALB Albumin	Bromocresol green	1 0220	3.76	0.288	3.18 - 4.34	g/dL
AP Alkaline phosphatase	IFCC 37 °C	1 0441	74.6	6.22	62.2 - 87.1	U/L
ALT/GPT Alanine aminotransferase	without pyridoxal phosphate 37 °C	1 2701	52.4	4.02	44.4 - 60.4	U/L
AST/GOT Aspartate aminotransferase	without pyridoxal phosphate 37 °C	1 2601	40.0	3.07	33.9 - 46.2	U/L
DBIL Direct Bilirubin	DCA	1 0821	0.860	0.075	0.71 - 1.01	mg/dL
TBIL Total Bilirubin	DCA	1 0811	1.50	0.130	1.24 - 1.75	mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	145	6.75	131 - 158	mg/dL
CREA Creatinine	Jaffé, with compensation	1 1711	1.31	0.096	1.12 - 1.50	mg/dL
	Enzymatic PAP	1 1759	1.33	0.097	1.13 - 1.52	mg/dL
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37 °C	1 2801	34.7	2.55	29.6 - 39.8	U/L
GLUC Glucose	GOD-PAP	1 2500	96.1	5.12	85.8 - 106	mg/dL
	HK/G6P-DH	1 2511	96.2	5.13	85.9 - 106	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	5.97	0.219	5.53 - 6.41	g/dL
TRIG Triglycerides	GPO-PAP	1 5710	83.1	4.99	73.1 - 93.1	mg/dL
UREA Urea	Urease UV	1 3101	43.0	3.16	36.7 - 49.4	mg/dL
UA Uric Acid	TBHBA	1 3021	4.67	0.218	4.24 - 5.11	mg/dL

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