

Proline TruLab P

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

LOT 39049



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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	5.30	4.08 – 6.52	g/dL
Albumin			53.0	40.8 – 65.2	g/L
AP	IFCC 37 °C	1 0441	175	131 – 219	U/L
Alkaline phosphatase			2.92	2.19 – 3.65	μkat/L
ALT	IFCC,	1 2701	120	92.2 – 147	U/L
Alanine aminotransferase	with pyridoxal phosphate 37 °C	2 5010	1.99	1.54 – 2.45	μkat/L
	without pyridoxal phosphate 37 °C	1 2701	122	93.6 – 150	U/L
			2.03	1.56 – 2.49	μkat/L
AST	IFCC	1 2601	157	121 – 193	U/L
Aspartate aminotransferase	with pyridoxal phosphate 37 °C	2 5010	2.61	2.01 – 3.21	μkat/L
	without pyridoxal phosphate 37 °C	1 2601	161	124 – 198	U/L
			2.68	2.07 – 3.30	μkat/L
AMY	EPS-G7	1 0501	221	177 – 265	U/L
Amylase			3.68	2.94 – 4.42	μkat/L
PAMY	EPS-G7	1 0551	110	88.0 – 132	U/L
Pancreatic amylase			1.83	1.47 – 2.20	μkat/L
APOA1	Immunoturbidimetric	1 7102	214	171 – 257	mg/dL
Apolipoprotein A1			2.14	1.71 – 2.57	g/L
APOB	Immunoturbidimetric	1 7112	105	84.1 – 126	mg/dL
Apolipoprotein B			1.05	0.84 – 1.26	g/L
TBA	Enzymatic cycling method	1 2238	37.8	30.2 – 45.3	μmol/L
Total Bile Acids					
DBIL	DCA	1 0821	2.24	1.66 – 2.82	mg/dL
Direct Bilirubin			38.3	28.4 – 48.3	μmol/L
TBIL	DCA	1 0811	4.66	3.45 – 5.88	mg/dL
Total Bilirubin			79.8	59.0 – 101	μmol/L
BUN	Urease UV	1 1130	71.1	55.4 – 86.7	mg/dL
Urea N			25.3	19.8 – 30.9	mmol/L
CAAS	Arsenazo	1 1130	3.17	2.82 – 3.51	mmol/L
Calcium			12.7	11.3 – 14.1	mg/dL
CA	Phosphonazo	1 1181	3.17	2.82 – 3.52	mmol/L
Calcium			12.7	11.3 – 14.1	mg/dL
CL21	Colorimetric	1 1221	124	113 – 135	mmol/L
Chloride			440	401 – 480	mg/dL
CHOL	CHOD-PAP	1 1300	209	180 – 238	mg/dL
Cholesterol			5.41	4.65 – 6.17	mmol/L
CHE	Butyrylthiocolin	1 1401	9275	7605 – 10944	U/L
Cholinesterase			155	127 – 182	μkat/L
CK	DGKC, IFCC 37 °C	1 1601	289	231 – 347	U/L
Creatine kinase			4.82	3.85 – 5.78	μkat/L
CKMB	mAK, Immunological method, 37 °C	1 1641	67.5	54.0 – 81.0	U/L
Creatine kinase			1.12	0.90 – 1.35	μkat/L
CREA	Jaffé, without compensation	1 1711	5.26	4.10 – 6.42	mg/dL
Creatinine			465	363 – 567	μmol/L
	Jaffé, with compensation	1 1711	5.65	4.40 – 6.89	mg/dL
			499	389 – 609	μmol/L
CREAP	Enzymatic PAP	1 1759	5.27	4.11 – 6.42	mg/dL
Creatinine			465	363 – 568	μmol/L
GGT	IFCC, DGKC 1994 37 °C	1 2801	97.2	75.8 – 119	U/L
γ-Glutamyltransferase			1.62	1.26 – 1.98	μkat/L
	Szasz 37 °C	1 2801	86.0	67.1 – 105	U/L
			1.43	1.12 – 1.75	μkat/L

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GLDH	DGKC 1970 37 °C	1 2411	23.1	18.5 – 27.7	U/L
Glutamat dehydrogenase			0.385	0.308 – 0.462	µkat/L
GLUC	GOD-PAP	1 2500	286	240 – 332	mg/dL
Glucose			15.9	13.3 – 18.4	mmol/L
GLUHK	HK/G6P-DH	1 2511	295	248 – 342	mg/dL
Glucose			16.4	13.8 – 19.0	mmol/L
HDLCD	Direct, colorimetric	1 3561	62.3	49.8 – 74.8	mg/dL
HDL-Cholesterol			1.61	1.29 – 1.93	mmol/L
HBUT21	β-HBDH 37°C	1 3711	1.04	0.834 – 1.25	mmol/L
β-Hydroxybutyrate			10.9	8.68 – 13.0	mg/dL
IGA	Immunoturbidimetric	1 7202	267	203 – 331	mg/dL
Immunoglobulin A			2.67	2.03 – 3.31	g/L
IGE	Immunoturbidimetric	1 7239	120	95.7 – 143	IU/mL
Immunoglobulin E			287	230 – 344	ng/mL
IGG	Immunoturbidimetric	1 7212	1281	1024 – 1537	mg/dL
Immunoglobulin G			12.8	10.2 – 15.4	g/L
IGM	Immunoturbidimetric	1 7222	122	87.6 – 156	mg/dL
Immunoglobulin M			1.22	0.876 – 1.56	g/L
FE	Ferene	1 1911	235	202 – 268	µg/dL
Iron			42.2	36.3 – 48.1	µmol/L
LACT	LDH UV	1 4001	30.0	23.7 – 36.4	mg/dL
Lactate			3.33	2.63 – 4.04	mmol/L
LDH21	IFCC, modified	1 4251	317	260 – 374	U/L
Lactate dehydrogenase			5.28	4.33 – 6.23	µkat/L
LDH	DGKC opt. 1970 37°C	1 4201	524	430 – 618	U/L
Lactate dehydrogenase			8.73	7.16 – 10.3	µkat/L
LDLCD	Direct, colorimetric	1 4131	118	94.2 – 141	mg/dL
LDL-Cholesterol			3.04	2.43 – 3.65	mmol/L
LPS	Colorimetric	1 4321	95.8	76.6 – 115	U/L
Lipase			1.60	1.28 – 1.92	µkat/L
MG	Xylidyl blue	1 4610	1.55	1.30 – 1.80	mmol/L
Magnesium			3.77	3.16 – 4.37	mg/dL
PO4	Molybdate UV , substrate start	1 5211	6.95	5.70 – 8.20	mg/dL
Phosphorus			2.24	1.84 – 2.65	mmol/L
	Molybdate UV , sample start	1 5211	6.96	5.71 – 8.21	mg/dL
			2.25	1.84 – 2.65	mmol/L
K enz.	Enzymatic	1 5221	6.62	6.03 – 7.22	mmol/L
Potassium			25.9	23.6 – 28.2	mg/dL
Na enz.	Enzymatic	1 4808	155	146 – 164	mmol/L
Sodium			356	335 – 377	mg/dL
TP	Biuret, without sample blank	1 2311	9.77	8.70 – 10.8	g/dL
Total Protein			97.7	87.0 – 108	g/L
	Biuret, with sample blank	1 2311	8.56	7.62 – 9.51	g/dL
			85.6	76.2 – 95.1	g/L
TRF	Immunoturbidimetric	1 7252	333	266 – 399	mg/dL
Transferrin			3.33	2.66 – 3.99	g/L
TRIG	GPO-PAP	1 5710	190	156 – 224	mg/dL
Triglycerides			2.14	1.76 – 2.53	mmol/L
UREA	Urease UV	1 3101	152	119 – 186	mg/dL
Urea			25.3	19.8 – 30.9	mmol/L
UA TBH	TBHBA	1 3021	8.00	6.88 – 9.11	mg/dL
Uric Acid			476	409 – 542	µmol/L
UA	TOOS	1 3001	8.26	7.10 – 9.41	mg/dL
Uric Acid			491	422 – 560	µmol/L

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Proline-Tokyo Boeki Series						
Short Name / Analyte	Method	Reagent ID	Value	1 SD	Range	Unit
ALB Albumin	Bromcresol green	1 0220	5.60	0.429	4.74 - 6.46	g/dL
AP Alkaline phosphatase	IFCC 37 °C	1 0441	175	14.6	146 - 204	U/L
ALT/GPT Alanine aminotransferase	without pyridoxal phosphate 37 °C	1 2701	124	9.51	105 - 143	U/L
AST/GOT Aspartate aminotransferase	without pyridoxal phosphate 37 °C	1 2601	161	12.3	136 - 186	U/L
DBIL Direct Bilirubin	DCA	1 0821	2.35	0.204	1.94 - 2.76	mg/dL
TBIL Total Bilirubin	DCA	1 0811	4.59	0.398	3.79 - 5.38	mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	208	9.73	189 - 228	mg/dL
CREA Creatinine	Jaffé, with compensation	1 1711	5.63	0.413	4.80 - 6.46	mg/dL
	Enzymatic PAP	1 1759	5.30	0.389	4.52 - 6.08	mg/dL
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37 °C	1 2801	95.8	7.03	81.8 - 110	U/L
GLUC Glucose	GOD-PAP	1 2500	296	15.8	264 - 327	mg/dL
	HK/G6P-DH	1 2511	299	16.0	267 - 331	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.58	0.315	7.95 - 9.21	g/dL
TRIG Triglycerides	GPO-PAP	1 5710	189	11.3	166 - 211	mg/dL
UREA Urea	Urease UV	1 3101	150	11.0	128 - 172	mg/dL
UA Uric Acid	TBHBA	1 3021	8.19	0.382	7.42 - 8.95	mg/dL

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