

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB	Bromcresol green	1 0220	4.62	3.56 - 5.68	g/dL
Albumin			46.2	35.6 - 56.8	U/L
AP	IFCC 37 °C	1 0441	148	111 - 186	U/L
Alkaline phosphatase	DGKC 1970 37 °C	1 0401	250	188 - 313	U/L
ALT/GPT	IFCC, with pyridoxal phosphate 37 °C	1 2701	120	92.5 - 148	U/L
Alanine aminotransferase	without pyridoxal phosphate 37 °C	1 2701	120	92.2 - 147	U/L
AST/GOT	IFCC, with pyridoxal phosphate 37 °C	1 2601	164	126 - 202	U/L
Aspartate aminotransferase	without pyridoxal phosphate 37 °C	1 2601	167	129 - 206	U/L
AMY	EPS-G7	1 0501	200	160 - 240	U/L
Amylase					
PAMY	EPS-G7	1 0551	101	80.8 - 121	U/L
Pancreatic amylase					
APOA1	Immunoturbidimetric	1 7102	166	133 - 199	mg/dL
Apolipoprotein A1					
APOB	Immunoturbidimetric	1 7112	89.6	71.7 - 108	mg/dL
Apolipoprotein B					
BILE	Enzymatic cycling method	1 2238	39.0	31.2 - 46.8	µmol/L
Total Bile Acids					
DBIL	DCA	1 0821	1.78	1.32 - 2.25	mg/dL
Direct Bilirubin					
TBIL	DCA	1 0811	4.41	3.26 - 5.56	mg/dL
Total Bilirubin					
CA	Phosphonazo	1 1181	11.6	10.4 - 12.9	mg/dL
Calcium					
CL	Colorimetric	1 1221	131	119 - 143	mmol/L
Chloride					
CHOL	CHOD-PAP	1 1300	196	169 - 224	mg/dL
Cholesterol					
CHE	Butyrylthiocolin	1 1401	7692	6307 - 9077	U/L
Cholinesterase					
CK	DGKC, IFCC 37° C	1 1601	213	170 - 256	U/L
Creatine kinase					
CKMB	mAK, Immunological method, 37 °C	1 1641	50.0	40.0 - 60.0	U/L
Creatine kinase					
CREA	Jaffé, without compensation	1 1711	4.24	3.30 - 5.17	mg/dL
Creatinine	Jaffé, with compensation	1 1711	4.50	3.51 - 5.49	mg/dL
	Enzymatic PAP	1 1759	4.43	3.46 - 5.41	mg/dL
GGT	IFCC, DGKC 1994 37°C	1 2801	89.9	70.1 - 110	U/L
γ-Glutamyltransferase	Szasz 37°C	1 2801	79.5	62.0 - 97.0	U/L
GLDH	DGKC 1970 37 °C	1 2411	22.3	17.9 - 26.8	U/L
Glutamat dehydrogenase					
GLUC	GOD-PAP	1 2500	256	215 - 297	mg/dL
Glucose	HK/G6P-DH	1 2511	254	214 - 295	mg/dL
HBDH	DGKC 37° C	1 3201	261	209 - 313	U/L
α-Hydroxybutyrate dehydro.					
HDLC	Immunoinhibition	1 3521	53.4	46.0 - 60.9	mg/dL
HDL-Cholesterol	Direct, colorimetric	1 3561	55.2	47.4 - 62.9	mg/dL



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HBUT β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.97	0.78 - 1.17	mmol/L
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	229	174 - 284	mg/dL
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	98.3	78.7 - 118	IU/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1126	901 - 1351	mg/dL
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	100	72.1 - 128	mg/dL
FE Iron	Ferene	1 1911	221	190 - 252	µg/dL
LACT Lactate	LDH UV	1 4001	31.8	25.1 - 38.5	mg/dL
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C DGKC opt. 1970 37°C	1 4211 1 4201	279 455	229 - 329 373 - 537	U/L U/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid Direct, colorimetric	1 4121 1 4131	107 107	91.9 - 122 92.2 - 122	mg/dL mg/dL
LPS Lipase	Colorimetric	1 4321	89.6	71.7 - 107	U/L
MG Magnesium	Xylidyl blue	1 4610	4.50	3.78 - 5.22	mg/dL
PL Phospholipids	Enzymatic	1 5741	227	181 - 272	mg/dL
PO3 Phosphorus	Molybdate UV , substrate start Molybdate UV , sample start	1 5211 1 5211	6.97 7.03	5.71 - 8.22 5.77 - 8.30	mg/dL mg/dL
K Pottasium	Enzymatic	1 5221	6.39	5.82 - 6.97	mmol/L
Na Sodium	Enzymatic	1 4808	148	139 - 157	mmol/L
TP Total Protein	Biuret, without sample blank Biuret, with sample blank	1 2311 1 2311	8.43 7.32	7.50 - 9.35 6.52 - 8.13	g/dL g/dL
TRF Transferin	Immunoturbidimetric	1 7252	285	228 - 342	mg/dL
TRIG Triglycerides	GPO-PAP	1 5760	171	140 - 202	mg/dL
UREA Urea	Urease UV	1 3101	150	117 - 183	mg/dL
UA Uric Acid	TBHBA TOOS	1 3021 1 3001	7.22 7.30	6.21 - 8.24 6.28 - 8.32	mg/dL mg/dL



Proline-Tokyo Boeki Series						
Short Name / Analyte	Method	Reagent ID	Value	1 SD	Range	Unit
ALB Albumin	Bromcresol green	1 0220	4.70	0.36	3.98 - 5.43	g/dL
AP Alkaline phosphatase	IFCC 37° C	1 0441	143	11.9	119 - 167	U/L
ALT/GPT Alanine aminotransferase	without pyridoxal phosphate 37° C	1 2701	119	9.11	101 - 137	U/L
AST/GOT Aspartate aminotransferase	without pyridoxal phosphate 37° C	1 2601	159	12.2	135 - 183	U/L
DBIL Direct Bilirubin	DCA	1 0821	1.77	0.15	1.47 - 2.08	mg/dL
TBIL Total Bilirubin	DCA	1 0811	4.19	0.36	3.46 - 4.92	mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	206	9.60	186 - 225	mg/dL
CREA Creatinine	Jaffé, with compensation	1 1711	4.36	0.32	3.72 - 5.00	mg/dL
	Enzymatic PAP	1 1759	4.72	0.35	4.03 - 5.41	mg/dL
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	86.8	6.37	74.1 - 99.6	U/L
GLUC Glucose	GOD-PAP	1 2500	259	13.8	231 - 286	mg/dL
	HK/G6P-DH	1 2511	261	13.9	233 - 289	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	7.25	7.25	6.72 - 7.79	g/dL
TRIG Triglycerides	GPO-PAP	1 5760	170	10.2	150 - 190	mg/dL
UREA Urea	Urease UV	1 3101	144	10.5	123 - 165	mg/dL
UA Uric Acid	TBHBA	1 3021	7.37	0.34	6.68 - 8.06	mg/dL

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