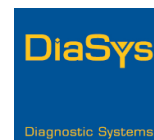


TruLab N

LOT 36870



Cat. No. 5 9000 99 10 061 (6 x 5 mL)
5 9000 99 10 062 (20 x 5 mL)



2027-06-30



Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	3.31 33.1	2.55 - 4.07 25.5 - 40.7	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	64.6 1.08	48.4 - 80.7 0.807 - 1.34	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	44.9	34.6 - 55.2	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	0.748 46.0 0.766	0.576 - 0.920 35.4 - 56.5 0.590 - 0.942	µkat/L U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	34.0	26.2 - 41.8	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	0.567 34.0 0.567	0.437 - 0.697 26.2 - 41.9 0.437 - 0.698	µkat/L U/L µkat/L
AMY Amylase	EPS G-7	1 0501	66.3 1.11	53.0 - 79.6 0.884 - 1.33	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	26.2 0.436	20.9 - 31.4 0.349 - 0.524	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	127 1.27	102 - 153 1.02 - 1.53	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	66.4 0.664	53.1 - 79.7 0.531 - 0.797	mg/dL g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	8.00	6.40 - 9.60	µmol/L
DBIL Direct Bilirubin	DCA	1 0821	0.724 12.4	0.536 - 0.912 9.16 - 15.6	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	1.19 20.4	0.882 - 1.50 15.1 - 25.7	mg/dL µmol/L
CA Calcium	Arsenazo	1 1130	2.00 8.01	1.78 - 2.22 7.13 - 8.89	mmol/L mg/dL
	Phosponazo	1 1181	2.13 8.55	1.90 - 2.37 7.61 - 9.49	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	101 358	91.9 - 110 326 - 390	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	127 3.27	109 - 144 2.81 - 3.73	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	5583 93.0	4578 - 6587 76.3 - 110	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	138 2.30	111 - 166 1.84 - 2.77	U/L µkat/L

TruLab N

LOT 36870

Cat. No. 5 9000 99 10 061 (6 x 5 mL)
5 9000 99 10 062 (20 x 5 mL)



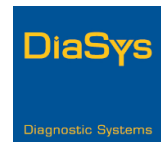
2027-06-30



Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	29.0	23.2 - 34.8	U/L
			0.483	0.387 - 0.580	µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	1.55	1.21 - 1.89	mg/dL
			137	107 - 167	µmol/L
	Jaffé, with compensation	1 1711	1.44	1.12 - 1.75	mg/dL
			127	98.9 - 155	µmol/L
Enzymatic PAP	1 1759	1.41	1.10 - 1.72	mg/dL	
		124	97.0 - 152	µmol/L	
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	28.1	22.0 - 34.3	U/L
			0.469	0.366 - 0.572	µkat/L
	Szasz 37°C	1 2801	24.9	19.4 - 30.4	U/L
			0.415	0.324 - 0.506	µkat/L
GLDH Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	13.0	10.4 - 15.6	U/L
			0.217	0.173 - 0.260	µkat/L
GLUC Glucose	GOD-PAP	1 2500	113	94.7 - 131	mg/dL
			6.26	5.26 - 7.26	mmol/L
	HK/G6P-DH	1 2511	111	93.0 - 128	mg/dL
			6.15	5.16 - 7.13	mmol/L
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	123	98.6 - 148	U/L
			2.05	1.64 - 2.47	µkat/L
HDLC HDL-Cholesterol	Direct, colorimetric	1 3561	39.8	31.8 - 47.8	mg/dL
			1.03	0.823 - 1.23	mmol/L
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.377	0.301 - 0.452	mmol/L
			3.92	3.14 - 4.71	mg/dL
	β-HBDH 37°C	1 3711	0.381	0.305 - 0.458	mmol/L
			3.97	3.18 - 4.76	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	155	117 - 192	mg/dL
			1.55	1.17 - 1.92	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	67.3	53.8 - 80.7	IU/mL
			161	129 - 194	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	775	620 - 930	mg/dL
			7.75	6.20 - 9.30	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	70.8	51.0 - 90.6	mg/dL
			0.708	0.510 - 0.906	g/L
FE Iron	Ferene	1 1911	72.0	61.9 - 82.0	µg/dL
			12.9	11.1 - 14.7	µmol/L
LACT Lactate	LDH UV	1 4001	13.6	10.72 - 16.4	mg/dL
			1.51	1.19 - 1.82	mmol/L
LDH Lactate dehydrogenase	IFCC, modified	1 4251	140	115 - 166	U/L
			2.34	1.92 - 2.76	µkat/L
LDLC LDL-Cholesterol	Direct, colorimetric	1 4131	70.4	56.4 - 84.5	mg/dL
			1.82	1.46 - 2.19	mmol/L



TruLab N

LOT 36870

Cat. No. 5 9000 99 10 061 (6 x 5 mL)
5 9000 99 10 062 (20 x 5 mL)



2027-06-30



IVD

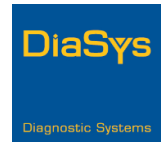
Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
LPS Lipase	Colorimetric	1 4321	63.2 1.05	50.6 - 75.9 0.843 - 1.26	U/L µkat/L
MG Magnesium	Xylidyl blue	1 4610	0.888 2.16	0.746 - 1.03 1.81 - 2.50	mmol/L mg/dL
PO3 Phosphorus	Molybdate UV, substrate start	1 5211	2.25	1.85 - 2.66	mg/dL
	Molybdate UV, sample start	1 5211	0.727 2.39	0.596 - 0.858 1.96 - 2.82	mmol/L mg/dL
				0.771	0.632 - 0.909
K Potassium	Enzymatic	1 5221	4.39	4.00 - 4.79	mmol/L
			17.2	15.6 - 18.7	mg/dL
Na Sodium	Enzymatic	1 4808	114	107 - 121	mmol/L
			262	247 - 278	mg/dL
TP Total Protein	Biuret, without sample blank	1 2311	5.87	5.22 - 6.51	g/dL
			58.7	52.2 - 65.1	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	197	157 - 236	mg/dL
			1.97	1.57 - 2.36	g/L
TRIG Triglycerides	GPO-PAP	1 5710	69.0	56.6 - 81.5	mg/dL
			0.777	0.637 - 0.917	mmol/L
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	215	172 - 258	µg/dL
			38.4	30.8 - 46.1	µmol/L
UREA Urea	Urease UV	1 3101	32.1	25.0 - 39.2	mg/dL
			5.35	4.17 - 6.52	mmol/L
UA Uric Acid	TBHBA	1 3021	4.67	4.01 - 5.32	mg/dL
			278	239 - 317	µmol/L
	TOOS	1 3001	4.65	4.00 - 5.31	mg/dL
			277	238 - 316	µmol/L



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TruLab N

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5 9000 99 10 062 (20 x 5 mL)



2027-06-30

SensoStar **SensoStar**
GLH six GL30 TOUCH



IVD

Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
GLUC	Amperometric	Biosensor	102	86.1 - 119	mg/dL
Glucose			5.69	4.78 - 6.60	mmol/L
LACT	Amperometric	Biosensor	15.7	12.4 - 19.0	mg/dL
Lactate			1.74	1.37 - 2.10	mmol/L



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5 9000 99 10 062 (20 x 5 mL)



2027-06-30

respons[®]910



Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	3.31 33.1	2.55 - 4.07 25.5 - 40.7	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	64.6 1.08	48.4 - 80.7 0.807 - 1.34	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 + 2 5010	44.9 0.748	34.6 - 55.2 0.576 - 0.920	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	46.0 0.766	35.4 - 56.5 0.590 - 0.942	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 + 2 5010	34.0 0.567	26.2 - 41.8 0.437 - 0.697	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	34.0 0.567	26.2 - 41.9 0.437 - 0.698	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	66.3 1.11	53.0 - 79.6 0.884 - 1.33	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	26.2 0.436	20.9 - 31.4 0.349 - 0.524	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	127 1.27	102 - 153 1.02 - 1.53	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	66.4 0.664	53.1 - 79.7 0.531 - 0.797	mg/dL g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	8.00	6.40 - 9.60	µmol/L
DBIL Direct Bilirubin	DCA	1 0821	0.724 12.4	0.536 - 0.912 9.2 - 15.6	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	1.19 20.4	0.882 - 1.50 15.1 - 25.7	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.13 8.55	1.90 - 2.37 7.61 - 9.49	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	101 358	91.9 - 110 326 - 390	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	127 3.27	109 - 144 2.81 - 3.73	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	5583 93.0	4578 - 6587 76.3 - 110	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	138 2.30	111 - 166 1.84 - 2.77	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	29.0 0.483	23.2 - 34.8 0.387 - 0.580	U/L µkat/L
CREA Creatinine	Jaffé , without compensation	1 1711	1.55 137	1.21 - 1.89 107 - 167	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.44 127	1.12 - 1.75 98.9 - 155	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.41 124	1.10 - 1.72 97.0 - 152	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	28.1 0.469	22.0 - 34.3 0.366 - 0.572	U/L µkat/L

TruLab N

LOT 36870



Cat. No. 5 9000 99 10 061 (6 x 5 mL)
5 9000 99 10 062 (20 x 5 mL)



2027-06-30

respons[®]910



Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
GLUC Glucose	GOD-PAP	1 2500	113	94.7 - 131	mg/dL
			6.26	5.26 - 7.26	mmol/L
	HK/G6P-DH	1 2511	111	93.0 - 128	mg/dL
			6.15	5.16 - 7.13	mmol/L
HDLC HDL-Cholesterol	Direct, colorimetric	1 3561	39.8	31.8 - 47.8	mg/dL
			1.03	0.823 - 1.23	mmol/L
HBUT β -Hydroxybutyrate	β -HBDH 37°C	1 3711	0.381	0.305 - 0.458	mmol/L
			3.97	3.18 - 4.76	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	155	117 - 192	mg/dL
			1.55	1.17 - 1.92	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	67.3	53.8 - 80.7	IU/mL
			161	129 - 194	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	775	620 - 930	mg/dL
			7.75	6.20 - 9.30	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	70.8	51.0 - 90.6	mg/dL
			0.708	0.510 - 0.906	g/L
FE Iron	Ferene	1 1911	72.0	61.9 - 82.0	μ g/dL
			12.9	11.1 - 14.7	μ mol/L
LACT Lactate	LDH UV	1 4001	13.6	10.7 - 16.4	mg/dL
			1.51	1.19 - 1.82	mmol/L
LDH Lactate dehydrogenase	IFCC, modified	1 4251	140	115 - 166	U/L
			2.34	1.92 - 2.76	μ kat/L
LDLC LDL-Cholesterol	Direct, colorimetric	1 4131	70.4	56.4 - 84.5	mg/dL
			1.82	1.46 - 2.19	mmol/L
LPS Lipase	Colorimetric	1 4321	63.2	50.6 - 75.9	U/L
			1.05	0.843 - 1.26	μ kat/L
MG Magnesium	Xylidyl blue	1 4610	0.888	0.746 - 1.03	mmol/L
			2.16	1.81 - 2.50	mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	2.25	1.85 - 2.66	mg/dL
			0.727	0.596 - 0.858	mmol/L
K Potassium	Enzymatic	1 5221	4.39	4.00 - 4.79	mmol/L
			17.2	15.6 - 18.7	mg/dL
Na Sodium	Enzymatic	1 4808	114	107 - 121	mmol/L
			262	247 - 278	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	5.25	4.67 - 5.82	g/dL
			52.5	46.7 - 58.2	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	197	157 - 236	mg/dL
			1.97	1.57 - 2.36	g/L
TRIG Triglycerides	GPO-PAP	1 5710	69.0	56.6 - 81.5	mg/dL
			0.777	0.637 - 0.917	mmol/L
UIBC Unsat.Iron Binding Cap.	Ferene	1 1921	215	172 - 258	μ g/dL
			38.4	30.8 - 46.1	μ mol/L
UREA Urea	Urease UV	1 3101	32.1	25.0 - 39.2	mg/dL
			5.35	4.17 - 6.52	mmol/L
UA Uric Acid	TOOS	1 3001	4.65	4.00 - 5.31	mg/dL
			277	238 - 316	μ mol/L




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TruLab N

LOT 36870

Cat. No. 5 9000 99 10 061 (6 x 5 mL)
5 9000 99 10 062 (20 x 5 mL)

 **2027-06-30**

respons[®]920



Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/


Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromocresol green	1 0220	3.31 33.1	2.55 - 4.07 25.5 - 40.7	0.254 2.54	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	64.6 1.08	48.4 - 80.7 0.807 - 1.34	5.38 0.090	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	44.9	34.6 - 55.2	3.44	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	0.748 46.0 0.766	0.576 - 0.920 35.4 - 56.5 0.590 - 0.942	0.057 3.52 0.059	µkat/L U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	34.0	26.2 - 41.8	2.61	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	0.567 34.0 0.567	0.437 - 0.697 26.2 - 41.9 0.437 - 0.698	0.043 2.61 0.043	µkat/L U/L µkat/L
AMY Amylase	EPS G-7	1 0501	66.3 1.11	53.0 - 79.6 0.884 - 1.33	4.42 0.074	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	26.2 0.436	20.9 - 31.4 0.349 - 0.524	1.75 0.029	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	127 1.27	102 - 153 1.02 - 1.53	8.49 0.085	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	66.4 0.664	53.1 - 79.7 0.531 - 0.797	4.43 0.044	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	0.724 12.4	0.536 - 0.912 9.2 - 15.6	0.063 1.07	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	1.19 20.4	0.882 - 1.50 15.1 - 25.7	0.103 1.77	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.13 8.55	1.90 - 2.37 7.61 - 9.49	0.078 0.313	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	101 358	91.9 - 110 326 - 390	3.03 10.7	mmol/L mg/dL
	Direct ISE	960405	102 360	92.5 - 111 328 - 393	3.05 10.8	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	127 3.27	109 - 144 2.81 - 3.73	5.90 0.153	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	5583 93.0	4578 - 6587 76.3 - 110	335 5.58	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	138 2.30	111 - 166 1.84 - 2.77	9.22 0.154	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	29.0 0.483	23.2 - 34.8 0.387 - 0.580	1.93 0.032	U/L µkat/L
CREA Creatinine	Jaffé , without compensation	1 1711	1.55 137	1.21 - 1.89 107 - 167	0.114 10.1	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.44 127	1.12 - 1.75 98.9 - 155	0.105 9.30	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.41 124	1.10 - 1.72 97.0 - 152	0.103 9.12	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	28.1 0.469	22.0 - 34.3 0.366 - 0.572	2.06 0.034	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	113 6.26	94.7 - 131 5.26 - 7.26	6.02 0.334	mg/dL mmol/L
	HK/G6P-DH	1 2511	111 6.15	93.0 - 128 5.16 - 7.13	5.91 0.328	mg/dL mmol/L
HDLC HDL-Cholesterol	Direct, colorimetric	1 3561	39.8 1.03	31.8 - 47.8 0.823 - 1.23	2.65 0.069	mg/dL mmol/L

TruLab N

LOT 36870

Cat. No. 5 9000 99 10 061 (6 x 5 mL)
5 9000 99 10 062 (20 x 5 mL)

 **2027-06-30**

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 **IVD**

Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HBUT β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.381 3.97	0.305 - 0.458 3.18 - 4.76	0.025 0.265	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	155 1.55	117 - 192 1.17 - 1.92	12.4 0.124	mg/dL g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	67.3 161	53.8 - 80.7 129 - 194	4.49 10.8	IU/mL ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	775 7.75	620 - 930 6.20 - 9.30	51.7 0.517	mg/dL g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	70.8 0.708	51.0 - 90.6 0.510 - 0.906	6.60 0.066	mg/dL g/L
FE Iron	Ferene	1 1911	77.3 13.9	66.5 - 88.2 11.9 - 15.8	3.61 0.646	µg/dL µmol/L
LACT Lactate	LDH UV	1 4001	13.6 1.51	10.7 - 16.4 1.19 - 1.82	0.950 0.105	mg/dL mmol/L
LDH Lactate dehydrogenase	IFCC, modified	1 4251	140 2.34	115 - 166 1.92 - 2.76	8.42 0.140	U/L µkat/L
LDLC LDL-Cholesterol	Direct, colorimetric	1 4131	67.2 1.74	53.8 - 80.6 1.39 - 2.09	4.48 0.116	mg/dL mmol/L
LPS Lipase	Colorimetric	1 4321	63.2 1.05	50.6 - 75.9 0.843 - 1.26	4.22 0.070	U/L µkat/L
LI Lithium	Direct ISE	960406	0.928 0.644	0.798 - 1.06 0.554 - 0.734	0.043 0.030	mmol/L mg/dL
MG Magnesium	Xylidyl blue	1 4610	0.888 2.16	0.746 - 1.03 1.81 - 2.50	0.047 0.115	mmol/L mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	2.25 0.727	1.85 - 2.66 0.596 - 0.86	0.135 0.044	mg/dL mmol/L
K Potassium	Enzymatic	1 5221	4.39 17.2	4.00 - 4.79 15.6 - 18.7	0.132 0.515	mmol/L mg/dL
	Direct ISE	960403	3.91 15.3	3.56 - 4.26 13.9 - 16.7	0.117 0.459	mmol/L mg/dL
Na Sodium	Enzymatic	1 4808	114 262	107 - 121 247 - 278	2.28 5.24	mmol/L mg/dL
	Direct ISE	960402	128 295	120 - 136 277 - 312	2.56 5.89	mmol/L mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	5.25 52.5	4.67 - 5.82 46.7 - 58.2	0.192 1.92	g/dL g/L
TRF Transferrin	Immunoturbidimetric	1 7252	197 1.97	157 - 236 1.57 - 2.36	13.1 0.131	mg/dL g/L
TRIG Triglycerides	GPO-PAP	1 5710	69.0 0.777	56.6 - 81.5 0.637 - 0.917	4.14 0.047	mg/dL mmol/L
UIBC Unsat.Iron Binding Cap.	Ferene	1 1921	215 38.4	172 - 258 30.8 - 46.1	14.3 2.56	µg/dL µmol/L
UREA Urea	Urease UV	1 3101	32.1 5.35	25.0 - 39.2 4.17 - 6.52	2.35 0.392	mg/dL mmol/L
UA Uric Acid	TOOS	1 3001	4.65 277	4.00 - 5.31 238 - 316	0.217 12.9	mg/dL µmol/L



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TruLab N

LOT 36870



Cat. No. 5 9000 99 10 061 (6 x 5 mL)
5 9000 99 10 062 (20 x 5 mL)

2027-06-30

respons[®]940



Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/


Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromocresol green	1 0220	3.31 33.1	2.55 - 4.07 25.5 - 40.7	0.254 2.54	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	64.6 1.08	48.4 - 80.7 0.807 - 1.34	5.38 0.090	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	44.9	34.6 - 55.2	3.44	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	0.748 46.0 0.766	0.576 - 0.920 35.4 - 56.5 0.590 - 0.942	0.057 3.52 0.059	µkat/L U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	34.0	26.2 - 41.8	2.61	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	0.567 34.0 0.567	0.437 - 0.697 26.2 - 41.9 0.437 - 0.698	0.043 2.61 0.043	µkat/L U/L µkat/L
AMY Amylase	EPS G-7	1 0501	66.3 1.11	53.0 - 79.6 0.884 - 1.33	4.42 0.074	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	26.2 0.436	20.9 - 31.4 0.349 - 0.524	1.75 0.029	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	127 1.27	102 - 153 1.02 - 1.53	8.49 0.085	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	66.4 0.664	53.1 - 79.7 0.531 - 0.797	4.43 0.044	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	0.724 12.4	0.536 - 0.912 9.2 - 15.6	0.063 1.07	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	1.19 20.4	0.882 - 1.50 15.1 - 25.7	0.103 1.77	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.13 8.55	1.90 - 2.37 7.61 - 9.49	0.078 0.313	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	101 358	91.9 - 110 326 - 390	3.03 10.7	mmol/L mg/dL
	Direct ISE	960405	102 360	92.5 - 111 328 - 393	3.05 10.8	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	127 3.27	109 - 144 2.81 - 3.73	5.90 0.153	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	5583 93.0	4578 - 6587 76.3 - 110	335 5.58	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	138 2.30	111 - 166 1.84 - 2.77	9.22 0.154	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	29.0 0.483	23.2 - 34.8 0.387 - 0.580	1.93 0.032	U/L µkat/L
CREA Creatinine	Jaffé , without compensation	1 1711	1.55 137	1.21 - 1.89 107 - 167	0.114 10.1	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.44 127	1.12 - 1.75 98.9 - 155	0.105 9.30	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.41 124	1.10 - 1.72 97.0 - 152	0.103 9.12	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	28.1 0.469	22.0 - 34.3 0.366 - 0.572	2.06 0.034	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	113 6.26	94.7 - 131 5.26 - 7.26	6.02 0.334	mg/dL mmol/L
	HK/G6P-DH	1 2511	111 6.15	93.0 - 128 5.16 - 7.13	5.91 0.328	mg/dL mmol/L
HDLC HDL-Cholesterol	Direct, colorimetric	1 3561	39.8 1.03	31.8 - 47.8 0.823 - 1.23	2.65 0.069	mg/dL mmol/L

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Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HBUT β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.381 3.97	0.305 - 0.458 3.18 - 4.76	0.025 0.265	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	155 1.55	117 - 192 1.17 - 1.92	12.4 0.124	mg/dL g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	67.3 161	53.8 - 80.7 129 - 194	4.49 10.8	IU/mL ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	775 7.75	620 - 930 6.20 - 9.30	51.7 0.517	mg/dL g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	70.8 0.708	51.0 - 90.6 0.510 - 0.906	6.60 0.066	mg/dL g/L
FE Iron	Ferene	1 1911	77.3 13.9	66.5 - 88.2 11.9 - 15.8	3.61 0.646	µg/dL µmol/L
LACT Lactate	LDH UV	1 4001	13.6 1.51	10.7 - 16.4 1.19 - 1.82	0.950 0.105	mg/dL mmol/L
LDH Lactate dehydrogenase	IFCC, modified	1 4251	140 2.34	115 - 166 1.92 - 2.76	8.42 0.140	U/L µkat/L
LDLC LDL-Cholesterol	Direct, colorimetric	1 4131	67.2 1.74	53.8 - 80.6 1.39 - 2.09	4.48 0.116	mg/dL mmol/L
LPS Lipase	Colorimetric	1 4321	63.2 1.05	50.6 - 75.9 0.843 - 1.26	4.22 0.070	U/L µkat/L
LI Lithium	Direct ISE	960406	0.928 0.644	0.798 - 1.06 0.554 - 0.734	0.043 0.030	mmol/L mg/dL
MG Magnesium	Xylidyl blue	1 4610	0.888 2.16	0.746 - 1.03 1.81 - 2.50	0.047 0.115	mmol/L mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	2.25 0.727	1.85 - 2.66 0.596 - 0.858	0.135 0.044	mg/dL mmol/L
K Potassium	Enzymatic	1 5221	4.39 17.2	4.00 - 4.79 15.6 - 18.7	0.132 0.515	mmol/L mg/dL
	Direct ISE	960403	3.91 15.3	3.56 - 4.26 13.9 - 16.7	0.117 0.459	mmol/L mg/dL
Na Sodium	Enzymatic	1 4808	114 262	107 - 121 247 - 278	2.28 5.24	mmol/L mg/dL
	Direct ISE	960402	128 295	120 - 136 277 - 312	2.56 5.89	mmol/L mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	5.25 52.5	4.67 - 5.82 46.7 - 58.2	0.192 1.92	g/dL g/L
TRF Transferrin	Immunoturbidimetric	1 7252	197 1.97	157 - 236 1.57 - 2.36	13.1 0.131	mg/dL g/L
TRIG Triglycerides	GPO-PAP	1 5710	69.0 0.777	56.6 - 81.5 0.637 - 0.917	4.14 0.047	mg/dL mmol/L
UIBC Unsat.Iron Binding Cap.	Ferene	1 1921	215 38.4	172 - 258 30.8 - 46.1	14.3 2.56	µg/dL µmol/L
UREA Urea	Urease UV	1 3101	32.1 5.35	25.0 - 39.2 4.17 - 6.52	2.35 0.392	mg/dL mmol/L
UA Uric Acid	TOOS	1 3001	4.65 277	4.00 - 5.31 238 - 316	0.217 12.9	mg/dL µmol/L




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Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromocresol green	1 0220	3.31 33.1	2.55 - 4.07 25.5 - 40.7	0.254 2.54	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	64.6 1.08	48.4 - 80.7 0.807 - 1.34	5.38 0.090	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	44.9	34.6 - 55.2	3.44	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	0.748 46.0 0.766	0.576 - 0.920 35.4 - 56.5 0.590 - 0.942	0.057 3.52 0.059	µkat/L U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	34.0	26.2 - 41.8	2.61	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	0.567 34.0 0.567	0.437 - 0.697 26.2 - 41.9 0.437 - 0.698	0.043 2.61 0.043	µkat/L U/L µkat/L
AMY Amylase	EPS G-7	1 0501	66.3 1.11	53.0 - 79.6 0.884 - 1.33	4.42 0.074	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	26.2 0.436	20.9 - 31.4 0.349 - 0.524	1.75 0.029	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	127 1.27	102 - 153 1.02 - 1.53	8.49 0.085	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	66.4 0.664	53.1 - 79.7 0.531 - 0.797	4.43 0.044	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	0.724 12.4	0.536 - 0.912 9.2 - 15.6	0.063 1.07	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	1.19 20.4	0.882 - 1.50 15.1 - 25.7	0.103 1.77	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.13 8.55	1.90 - 2.37 7.61 - 9.49	0.078 0.313	mmol/L mg/dL
CL Chloride	Indirect ISE	980132	99.0 351	90.1 - 108 319 - 383	2.97 10.5	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	127 3.27	109 - 144 2.81 - 3.73	5.90 0.153	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	5583 93.0	4578 - 6587 76.3 - 110	335 5.58	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	138 2.30	111 - 166 1.84 - 2.77	9.22 0.154	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	29.0 0.483	23.2 - 34.8 0.387 - 0.580	1.93 0.032	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	1.55 137	1.21 - 1.89 107 - 167	0.114 10.1	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.44 127	1.12 - 1.75 98.9 - 155	0.105 9.30	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.41 124	1.10 - 1.72 97.0 - 152	0.103 9.12	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	28.1 0.469	22.0 - 34.3 0.366 - 0.572	2.06 0.034	U/L µkat/L
GLUC Glucose	HK/G6P-DH	1 2511	111 6.15	93.0 - 128 5.16 - 7.13	5.91 0.328	mg/dL mmol/L

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Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HDLC HDL-Cholesterol	Direct, colorimetric	1 3561	39.8 1.03	31.8 - 47.8 0.823 - 1.23	2.65 0.069	mg/dL mmol/L
HBUT β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.381 3.97	0.305 - 0.458 3.18 - 4.76	0.025 0.265	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	155 1.55	117 - 192 1.17 - 1.92	12.4 0.124	mg/dL g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	67.3 161	53.8 - 80.7 129 - 194	4.49 10.8	IU/mL ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	775 7.75	620 - 930 6.20 - 9.30	51.7 0.517	mg/dL g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	70.8 0.708	51.0 - 90.6 0.510 - 0.906	6.60 0.066	mg/dL g/L
FE Iron	Ferene	1 1911	72.0 12.9	61.9 - 82.0 11.1 - 14.7	3.36 0.601	µg/dL µmol/L
LACT Lactate	LDH UV	1 4001	13.6 1.51	10.7 - 16.4 1.19 - 1.82	0.950 0.105	mg/dL mmol/L
LDH Lactate dehydrogenase	IFCC, modified	1 4251	140 2.34	115 - 166 1.92 - 2.76	8.42 0.140	U/L µkat/L
LDLC LDL-Cholesterol	Direct, colorimetric	1 4131	70.4 1.82	56.4 - 84.5 1.46 - 2.19	4.70 0.121	mg/dL mmol/L
LPS Lipase	Colorimetric	1 4321	63.2 1.05	50.6 - 75.9 0.843 - 1.26	4.22 0.070	U/L µkat/L
MG Magnesium	Xylidyl blue	1 4610	0.888 2.16	0.746 - 1.03 1.81 - 2.50	0.047 0.115	mmol/L mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	2.25 0.727	1.85 - 2.66 0.596 - 0.858	0.135 0.044	mg/dL mmol/L
K Potassium	Indirect ISE	980131	3.77 14.8	3.43 - 4.11 13.4 - 16.1	0.113 0.443	mmol/L mg/dL
Na Sodium	Indirect ISE	980130	121 279	114 - 129 262 - 296	2.43 5.58	mmol/L mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	5.25 52.5	4.67 - 5.82 46.7 - 58.2	0.192 1.92	g/dL g/L
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UREA Urea	Urease UV	1 3101	32.1 5.35	25.0 - 39.2 4.17 - 6.52	2.35 0.392	mg/dL mmol/L
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