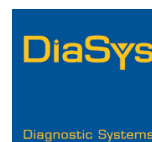


TruLab N

LOT 25894



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



2021-08



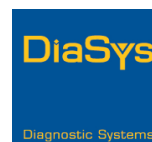
Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	3.95 39.5	3.04 - 4.86 30.4 - 48.6	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	74.6 1.24	56.0 - 93.3 0.933 - 1.55	U/L µkat/L
	DGKC 1970 37°C	1 0401	134 2.23	101 - 168 1.68 - 2.79	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 + 2 5010	56.0 0.933	43.1 - 68.9 0.719 - 1.15	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	57.2 0.954	44.1 - 70.4 0.735 - 1.17	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 + 2 5010	44.3 0.738	34.1 - 54.5 0.569 - 0.908	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	43.5 0.726	33.5 - 53.6 0.559 - 0.893	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	71.3 1.19	57.0 - 85.6 0.951 - 1.43	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	26.2 0.437	21.0 - 31.4 0.349 - 0.524	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	149 1.49	119 - 179 1.19 - 1.79	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	76.1 0.761	60.9 - 91.3 0.609 - 0.913	mg/dL g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	12.9	10.3 - 15.5	µmol/L
DBIL Direct Bilirubin	DCA	1 0821	0.820 14.0	0.607 - 1.03 10.4 - 17.7	mg/dL µmol/L
	Jendrassik-Grof	1 0849	0.862 14.7	0.638 - 1.09 10.9 - 18.6	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	1.84 31.5	1.36 - 2.32 23.3 - 39.6	mg/dL µmol/L
	Jendrassik-Grof	1 0849	2.01 34.3	1.48 - 2.53 25.4 - 43.2	mg/dL µmol/L
CA Calcium	Arsenazo	1 1130	2.36 9.46	2.10 - 2.62 8.42 - 10.5	mmol/L mg/dL
	Phosphonazo	1 1181	2.35 9.43	2.09 - 2.61 8.40 - 10.5	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	122 433	111 - 133 394 - 472	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300 + 1 1350	168 4.35	145 - 192 3.74 - 4.96	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	6770 113	5551 - 7989 92.5 - 133	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	179 2.98	143 - 215 2.39 - 3.58	U/L µkat/L

TruLab N

LOT 25894



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



2021-08



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	29.8	23.8 - 35.8	U/L
			0.497	0.397 - 0.596	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	1.43	1.12 - 1.74	mg/dL
			126	98.6 - 154	µmol/L
Enzymatic PAP	1 1759	1.35	1.05 - 1.65	mg/dL	
		119	93.1 - 146	µmol/L	
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	29.2	22.8 - 35.6	U/L
			0.486	0.379 - 0.593	µkat/L
	Szasz 37°C	1 2801	25.8	20.1 - 31.5	U/L
			0.430	0.336 - 0.525	µkat/L
GLDH Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	15.8	12.7 - 19.0	U/L
			0.264	0.211 - 0.316	µkat/L
GLUC Glucose	GOD-PAP	1 2500 +	86.0	72.2 - 99.7	mg/dL
			1 2550	4.77	4.01 - 5.53
	HK/G6P-DH	1 2511	86.7	72.8 - 101	mg/dL
			4.81	4.04 - 5.58	mmol/L
Gluc-DH	1 2531	86.1	72.3 - 99.9	mg/dL	
		4.78	4.01 - 5.54	mmol/L	
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	146	117 - 175	U/L
			2.43	1.95 - 2.92	µkat/L
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	48.6	41.8 - 55.4	mg/dL
			1.26	1.08 - 1.43	mmol/L
			1 3561	52.3	45.0 - 59.6
	Direct, colorimetric		1.35	1.16 - 1.54	mmol/L
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.321	0.257 - 0.385	mmol/L
			3.34	2.67 - 4.01	mg/dL
	β-HBDH 37°C	1 3711	0.336	0.269 - 0.403	mmol/L
			3.50	2.80 - 4.20	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	197	150 - 244	mg/dL
			1.97	1.50 - 2.44	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	89.3	71.4 - 107	IU/mL
			214	171 - 257	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	959	767 - 1151	mg/dL
			9.59	7.67 - 11.5	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	90.7	65.3 - 116	mg/dL
			0.907	0.653 - 1.16	g/L
FE Iron	Ferene	1 1911	93.2	80.2 - 106	µg/dL
			16.7	14.4 - 19.0	µmol/L
LACT Lactate	LDH UV	1 4001	13.1	10.3 - 15.9	mg/dL
			1.45	1.15 - 1.76	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	172	141 - 202	U/L
			2.86	2.35 - 3.37	µkat/L
	DGKC opt. 1970 37°C	1 4201	279	229 - 329	U/L
			4.65	3.81 - 5.49	µkat/L

TruLab N

LOT 25894

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



2021-08



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	93.5	80.4 - 107	mg/dL
			2.42	2.08 - 2.76	mmol/L
	Direct, colorimetric	1 4131	94.3	81.1 - 107	mg/dL
			2.44	2.10 - 2.78	mmol/L
LPS Lipase	Colorimetric	1 4321	52.5	42.0 - 63.1	U/L
			0.876	0.701 - 1.05	µkat/L
MG Magnesium	Xylidyl blue	1 4610	0.811	0.682 - 0.941	mmol/L
			1.97	1.66 - 2.29	mg/dL
PL Phospholipids	Enzymatic	1 5741	190	152 - 228	mg/dL
			2.45	1.96 - 2.94	mmol/L
PO3 Phosphorus	Molybdate UV, substrate start	1 5211	3.07	2.52 - 3.63	mg/dL
			0.992	0.814 - 1.17	mmol/L
	Molybdate UV, sample start	1 5211	3.14	2.57 - 3.70	mg/dL
			1.01	0.831 - 1.20	mmol/L
K Potassium	Enzymatic	1 5221	4.22	3.84 - 4.60	mmol/L
			16.5	15.0 - 18.0	mg/dL
Na Sodium	Enzymatic	1 4808	146	137 - 155	mmol/L
			336	316 - 356	mg/dL
TP Total Protein	Biuret, without sample blank	1 2311	6.95	6.19 - 7.71	g/dL
			69.5	61.9 - 77.1	g/L
	Biuret, with sample blank	1 2311	6.12	5.45 - 6.79	g/dL
			61.2	54.5 - 67.9	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	259	207 - 311	mg/dL
			2.59	2.07 - 3.11	g/L
TRIG Triglycerides	GPO-PAP	1 5760	92.9	76.2 - 110	mg/dL
			1 5710	1.05	0.858 - 1.23
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	250	200 - 300	µg/dL
			44.8	35.8 - 53.7	µmol/L
	For reagent lots ≥ 29398	1 1921	295	236 - 354	µg/dL
			52.8	42.3 - 63.4	µmol/L
UREA Urea	Urease UV	1 3101	41.8	32.6 - 51.0	mg/dL
			6.95	5.42 - 8.48	mmol/L
	Colorimetric, Berthelot	1 3115	42.8	33.4 - 52.2	mg/dL
			7.12	5.55 - 8.69	mmol/L
UA Uric Acid	TBHBA	1 3021	5.01	4.31 - 5.71	mg/dL
			298	256 - 340	µmol/L
	TOOS	1 3001	4.92	4.23 - 5.61	mg/dL
			293	252 - 334	µmol/L



DiaSys Diagnostic Systems GmbH
Alte Strasse 9 65558 Holzheim Germany
www.diasys-diagnostics.com

TruLab N

LOT 25894



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



2021-08



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

Value sheet version: 2

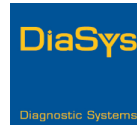
Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
GLUC	Amperometric	Biosensor	91.0	76.4 - 106	mg/dL
Glucose			5.05	4.24 - 5.86	mmol/L
LACT	Amperometric	Biosensor	20.0	15.8 - 24.2	mg/dL
Lactate			2.22	1.75 - 2.69	mmol/L



DiaSys Diagnostic Systems GmbH
Alte Strasse 9 65558 Holzheim Germany
www.diasys-diagnostics.com

TruLab N

LOT 25894



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



2021-08

respons⁹¹⁰



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	3.95 39.5	3.04 - 4.86 30.4 - 48.6	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	74.6 1.24	56.0 - 93.3 0.933 - 1.55	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	56.0	43.1 - 68.9	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	0.933 57.2	0.719 - 1.15 44.1 - 70.4	µkat/L U/L
			0.954	0.735 - 1.17	µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	44.3	34.1 - 54.5	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	0.738 43.5	0.569 - 0.908 33.5 - 53.6	µkat/L U/L
			0.726	0.559 - 0.893	µkat/L
AMY Amylase	EPS G-7	1 0501	71.3 1.19	57.0 - 85.6 0.951 - 1.43	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	26.2 0.437	21.0 - 31.4 0.349 - 0.524	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	149 1.49	119 - 179 1.19 - 1.79	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	76.1 0.761	60.9 - 91.3 0.609 - 0.913	mg/dL g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	12.9	10.3 - 15.5	µmol/L
DBIL Direct Bilirubin	DCA	1 0821	0.820 14.0	0.607 - 1.03 10.4 - 17.7	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	1.84 31.5	1.36 - 2.32 23.3 - 39.6	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.35 9.43	2.09 - 2.61 8.40 - 10.5	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	122 433	111 - 133 394 - 472	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	168 4.35	145 - 192 3.74 - 4.96	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	6770 113	5551 - 7989 92.5 - 133	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	179 2.98	143 - 215 2.39 - 3.58	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	29.8 0.497	23.8 - 35.8 0.397 - 0.596	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	1.43 126	1.12 - 1.74 98.6 - 154	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.35 119	1.05 - 1.65 93.1 - 146	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	29.2 0.486	22.8 - 35.6 0.379 - 0.593	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	86.0 4.77	72.2 - 99.7 4.01 - 5.53	mg/dL mmol/L
	HK/G6P-DH	1 2511	86.7 4.81	72.8 - 101 4.04 - 5.58	mg/dL mmol/L
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	48.6 1.26	41.8 - 55.4 1.08 - 1.43	mg/dL mmol/L
	Direct, colorimetric	1 3561	52.3 1.35	45.0 - 59.6 1.16 - 1.54	mg/dL mmol/L

TruLab N

LOT 25894



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



2021-08

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
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.321 3.34	0.257 - 0.385 2.67 - 4.01	mmol/L mg/dL
	β-HBDH 37°C	1 3711	0.336 3.50	0.269 - 0.403 2.80 - 4.20	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	197	150 - 244	mg/dL
			1.97	1.50 - 2.44	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	89.3	71.4 - 107	IU/mL
			214	171 - 257	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	959	767 - 1151	mg/dL
			9.59	7.67 - 11.5	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	90.7	65.3 - 116	mg/dL
			0.907	0.653 - 1.16	g/L
FE Iron	Ferene	1 1911	93.2 16.7	80.2 - 106 14.4 - 19.0	µg/dL µmol/L
LACT Lactate	LDH UV	1 4001	13.1	10.3 - 15.9	mg/dL
			1.45	1.15 - 1.76	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	172	141 - 202	U/L
			2.86	2.35 - 3.37	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	93.5	80.4 - 107	mg/dL
			2.42	2.08 - 2.76	mmol/L
			1 4131	94.3 2.44	81.1 - 107 2.10 - 2.78
LPS Lipase	Colorimetric	1 4321	52.5	42.0 - 63.1	U/L
			0.876	0.701 - 1.05	µkat/L
MG Magnesium	Xylidyl blue	1 4610	0.811	0.682 - 0.941	mmol/L
			1.97	1.66 - 2.29	mg/dL
PL Phospholipids	Enzymatic	1 5741	190	152 - 228	mg/dL
			2.45	1.96 - 2.94	mmol/L
PO3 Phosphorus	Molybdate UV	1 5211	3.07	2.52 - 3.63	mg/dL
			0.992	0.814 - 1.17	mmol/L
K Potassium	Enzymatic	1 5221	4.22	3.84 - 4.60	mmol/L
			16.5	15.0 - 18.0	mg/dL
Na Sodium	Enzymatic	1 4808	146	137 - 155	mmol/L
			336	316 - 356	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	6.12	5.45 - 6.79	g/dL
			61.2	54.5 - 67.9	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	259	207 - 311	mg/dL
			2.59	2.07 - 3.11	g/L
TRIG Triglycerides	GPO-PAP	1 5710	92.9	76.2 - 110	mg/dL
			1.05	0.858 - 1.23	mmol/L
UIBC Unsat.Iron Binding Cap.	Ferene	1 1921	250	200 - 300	µg/dL
			44.8	35.8 - 53.7	µmol/L
			1 1921	295 52.8	236 - 354 42.3 - 63.4
UREA Urea	Urease UV	1 3101	41.8	32.6 - 51.0	mg/dL
			6.95	5.42 - 8.48	mmol/L
UA Uric Acid	TOOS	1 3001	4.92	4.23 - 5.61	mg/dL
			293	252 - 334	µmol/L



DiaSys Diagnostic Systems GmbH
Alte Strasse 9 65558 Holzheim Germany
www.diasys-diagnostics.com

TruLab N

LOT 25894



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

2021-08

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	Bromcresol green	1 0220	3.95 39.5	3.04 - 4.86 30.4 - 48.6	0.303 3.03	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	74.6 1.24	56.0 - 93.3 0.933 - 1.55	6.22 0.104	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	56.0	43.1 - 68.9	4.29	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	0.933 57.2	0.719 - 1.15 44.1 - 70.4	0.072 4.39	µkat/L U/L
			0.954	0.735 - 1.17	0.073	µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	44.3	34.1 - 54.5	3.40	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	0.738 43.5	0.569 - 0.908 33.5 - 53.6	0.057 3.34	µkat/L U/L
			0.726	0.559 - 0.893	0.056	µkat/L
AMY Amylase	EPS G-7	1 0501	71.3 1.19	57.0 - 85.6 0.951 - 1.43	4.75 0.079	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	26.2 0.437	21.0 - 31.4 0.349 - 0.524	1.75 0.029	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	149 1.49	119 - 179 1.19 - 1.79	9.93 0.099	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	76.1 0.761	60.9 - 91.3 0.609 - 0.913	5.07 0.051	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	0.820 14.0	0.607 - 1.03 10.4 - 17.7	0.071 1.22	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	1.84 31.5	1.36 - 2.32 23.3 - 39.6	0.159 2.73	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.35 9.43	2.09 - 2.61 8.40 - 10.5	0.086 0.346	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	122 433	111 - 133 394 - 472	3.66 13.0	mmol/L mg/dL
	Direct ISE	960405	123 436	112 - 134 396 - 475	3.68 13.1	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	168 4.35	145 - 192 3.74 - 4.96	7.85 0.203	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	6770 113	5551 - 7989 92.5 - 133	406 6.77	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	179 2.98	143 - 215 2.39 - 3.58	11.9 0.199	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	29.8 0.497	23.8 - 35.8 0.397 - 0.596	1.99 0.033	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	1.55 137	1.21 - 1.89 107 - 167	0.114 10.0	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.43 126	1.12 - 1.74 98.6 - 154	0.105 9.27	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.35 119	1.05 - 1.65 93.1 - 146	0.099 8.75	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	29.2 0.486	22.8 - 35.6 0.379 - 0.593	2.14 0.036	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	86.0 4.77	72.2 - 99.7 4.01 - 5.53	4.59 0.254	mg/dL mmol/L
	HK/G6P-DH	1 2511	86.7 4.81	72.8 - 101 4.04 - 5.58	4.62 0.257	mg/dL mmol/L
HDLC HDL-Cholesterol	Immuno-inhibition	1 3521	48.6 1.26	41.8 - 55.4 1.08 - 1.43	2.27 0.059	mg/dL mmol/L
	Direct, colorimetric	1 3561	52.3 1.35	45.0 - 59.6 1.16 - 1.54	2.44 0.063	mg/dL mmol/L

TruLab N

LOT 25894



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



2021-08

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
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.321 3.34	0.257 - 0.385 2.67 - 4.01	0.021 0.223	mmol/L mg/dL
	β-HBDH 37°C	1 3711	0.336 3.50	0.269 - 0.403 2.80 - 4.20	0.022 0.233	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	197 1.97	150 - 244 1.50 - 2.44	15.8 0.158	mg/dL g/L
		1 7239	89.3 214	71.4 - 107 171 - 257	5.95 14.3	IU/mL ng/mL
IgE Immunoglobulin E	Immunoturbidimetric	1 7212	959 9.59	767 - 1151 7.67 - 11.5	63.9 0.639	mg/dL g/L
		1 7222	90.7 0.907	65.3 - 116 0.653 - 1.16	8.46 0.085	mg/dL g/L
IgG Immunoglobulin G	Immunoturbidimetric	1 1911	97.9 17.5	84.2 - 112 15.1 - 20.0	4.57 0.818	μg/dL μmol/L
		1 4001	13.1 1.45	10.3 - 15.9 1.15 - 1.76	0.917 0.102	mg/dL mmol/L
FE Iron	Ferene	1 4211	172 2.86	141 - 202 2.35 - 3.37	10.3 0.172	U/L μkat/L
		1 4121	90.4 2.34	77.7 - 103 2.01 - 2.67	4.22 0.109	mg/dL mmol/L
LACT Lactate	LDH UV	1 4131	94.3 2.44	81.1 - 107 2.10 - 2.78	4.40 0.114	mg/dL mmol/L
		1 4321	52.5 0.876	42.0 - 63.1 0.701 - 1.05	3.50 0.058	U/L μkat/L
LDH Lactate dehydrogenase	Homogenous Select, TruCal Lipid	960406	0.991 0.688	0.853 - 1.13 0.592 - 0.784	0.046 0.032	mmol/L mg/dL
		1 4610	0.811 1.97	0.682 - 0.941 1.66 - 2.29	0.043 0.105	mmol/L mg/dL
LPS Lipase	Colorimetric	1 5211	3.07 0.992	2.52 - 3.63 0.814 - 1.17	0.184 0.060	mg/dL mmol/L
		1 5221	4.22 16.5	3.84 - 4.60 15.0 - 18.0	0.127 0.495	mmol/L mg/dL
LI Lithium	Direct ISE	960403	4.15 16.2	3.78 - 4.52 14.8 - 17.7	0.125 0.487	mmol/L mg/dL
		1 4808	146 336	137 - 155 316 - 356	2.92 6.71	mmol/L mg/dL
MG Magnesium	Enzymatic	960402	151 347	142 - 160 326 - 368	3.02 6.94	mmol/L mg/dL
		1 2311	6.12 61.2	5.45 - 6.79 54.5 - 67.9	0.224 2.24	g/dL g/L
Na Sodium	Enzymatic	1 7252	259 2.59	207 - 311 2.07 - 3.11	17.3 0.173	mg/dL g/L
		1 5710	92.9 1.05	76.2 - 110 0.858 - 1.23	5.57 0.063	mg/dL mmol/L
TP Total Protein	Biuret, with sample blank	1 1921	250 44.8	200 - 300 35.8 - 53.7	16.7 2.99	μg/dL μmol/L
		1 1921	295 52.8	236 - 354 42.3 - 63.4	19.7 3.52	μg/dL μmol/L
TRF Transferrin	Immunoturbidimetric	1 3101	41.8 6.95	32.6 - 51.0 5.42 - 8.48	3.06 0.510	mg/dL mmol/L
		1 3001	4.92 293	4.23 - 5.61 252 - 334	0.230 13.7	mg/dL μmol/L
TRIG Triglycerides	GPO-PAP	1 1921	250 44.8	200 - 300 35.8 - 53.7	16.7 2.99	μg/dL μmol/L
		1 1921	295 52.8	236 - 354 42.3 - 63.4	19.7 3.52	μg/dL μmol/L
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	250 44.8	200 - 300 35.8 - 53.7	16.7 2.99	μg/dL μmol/L
		1 1921	295 52.8	236 - 354 42.3 - 63.4	19.7 3.52	μg/dL μmol/L
UREA Urea	Urease UV	1 3101	41.8 6.95	32.6 - 51.0 5.42 - 8.48	3.06 0.510	mg/dL mmol/L
		1 3001	4.92 293	4.23 - 5.61 252 - 334	0.230 13.7	mg/dL μmol/L
UA Uric Acid	TOOS	1 3101	41.8 6.95	32.6 - 51.0 5.42 - 8.48	3.06 0.510	mg/dL mmol/L
		1 3001	4.92 293	4.23 - 5.61 252 - 334	0.230 13.7	mg/dL μmol/L



DiaSys Diagnostic Systems GmbH
Alte Strasse 9 65558 Holzheim Germany
www.diasys-diagnostics.com

TruLab N

LOT 25894



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

2021-08

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	Bromcresol green	1 0220	3.95 39.5	3.04 - 4.86 30.4 - 48.6	0.303 3.03	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	74.6 1.24	56.0 - 93.3 0.933 - 1.55	6.22 0.104	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	56.0	43.1 - 68.9	4.29	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	0.933 57.2	0.719 - 1.15 44.1 - 70.4	0.072 4.39	µkat/L U/L
			0.954	0.735 - 1.17	0.073	µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	44.3	34.1 - 54.5	3.40	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	0.738 43.5	0.569 - 0.908 33.5 - 53.6	0.057 3.34	µkat/L U/L
			0.726	0.559 - 0.893	0.056	µkat/L
AMY Amylase	EPS G-7	1 0501	71.3 1.19	57.0 - 85.6 0.951 - 1.43	4.75 0.079	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	26.2 0.437	21.0 - 31.4 0.349 - 0.524	1.75 0.029	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	149 1.49	119 - 179 1.19 - 1.79	9.93 0.099	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	76.1 0.761	60.9 - 91.3 0.609 - 0.913	5.07 0.051	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	0.820 14.0	0.607 - 1.03 10.4 - 17.7	0.071 1.22	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	1.84 31.5	1.36 - 2.32 23.3 - 39.6	0.159 2.73	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.35 9.43	2.09 - 2.61 8.40 - 10.5	0.086 0.346	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	122 433	111 - 133 394 - 472	3.66 13.0	mmol/L mg/dL
	Direct ISE	960405	123 436	112 - 134 396 - 475	3.68 13.1	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	168 4.35	145 - 192 3.74 - 4.96	7.85 0.203	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	6770 113	5551 - 7989 92.5 - 133	406 6.77	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	179 2.98	143 - 215 2.39 - 3.58	11.9 0.199	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	29.8 0.497	23.8 - 35.8 0.397 - 0.596	1.99 0.033	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	1.55 137	1.21 - 1.89 107 - 167	0.114 10.0	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.43 126	1.12 - 1.74 98.6 - 154	0.105 9.27	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.35 119	1.05 - 1.65 93.1 - 146	0.099 8.75	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	29.2 0.486	22.8 - 35.6 0.379 - 0.593	2.14 0.036	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	86.0 4.77	72.2 - 99.7 4.01 - 5.53	4.59 0.254	mg/dL mmol/L
	HK/G6P-DH	1 2511	86.7 4.81	72.8 - 101 4.04 - 5.58	4.62 0.257	mg/dL mmol/L
HDLC HDL-Cholesterol	Immuno-inhibition	1 3521	48.6 1.26	41.8 - 55.4 1.08 - 1.43	2.27 0.059	mg/dL mmol/L
	Direct, colorimetric	1 3561	52.3 1.35	45.0 - 59.6 1.16 - 1.54	2.44 0.063	mg/dL mmol/L

TruLab N

LOT 25894



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



2021-08

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
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.321 3.34	0.257 - 0.385 2.67 - 4.01	0.021 0.223	mmol/L mg/dL
	β-HBDH 37°C	1 3711	0.336 3.50	0.269 - 0.403 2.80 - 4.20	0.022 0.233	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	197 1.97	150 - 244 1.50 - 2.44	15.8 0.158	mg/dL g/L
		1 7239	89.3 214	71.4 - 107 171 - 257	5.95 14.3	IU/mL ng/mL
IgE Immunoglobulin E	Immunoturbidimetric	1 7212	959 9.59	767 - 1151 7.67 - 11.5	63.9 0.639	mg/dL g/L
		1 7222	90.7 0.907	65.3 - 116 0.653 - 1.16	8.46 0.085	mg/dL g/L
IgG Immunoglobulin G	Immunoturbidimetric	1 1911	97.9 17.5	84.2 - 112 15.1 - 20.0	4.57 0.818	μg/dL μmol/L
		1 4001	13.1 1.45	10.3 - 15.9 1.15 - 1.76	0.917 0.102	mg/dL mmol/L
FE Iron	Ferene	1 4211	172 2.86	141 - 202 2.35 - 3.37	10.3 0.172	U/L μkat/L
		1 4121	90.4 2.34	77.7 - 103 2.01 - 2.67	4.22 0.109	mg/dL mmol/L
LACT Lactate	LDH UV	1 4131	94.3 2.44	81.1 - 107 2.10 - 2.78	4.40 0.114	mg/dL mmol/L
		1 4321	52.5 0.876	42.0 - 63.1 0.701 - 1.05	3.50 0.058	U/L μkat/L
LDH Lactate dehydrogenase	Homogenous Select, TruCal Lipid	960406	0.991 0.688	0.853 - 1.13 0.592 - 0.784	0.046 0.032	mmol/L mg/dL
		1 4610	0.811 1.97	0.682 - 0.941 1.66 - 2.29	0.043 0.105	mmol/L mg/dL
LPS Lipase	Colorimetric	1 5211	3.07 0.992	2.52 - 3.63 0.814 - 1.17	0.184 0.060	mg/dL mmol/L
		1 5221	4.22 16.5	3.84 - 4.60 15.0 - 18.0	0.127 0.495	mmol/L mg/dL
LI Lithium	Direct ISE	960403	4.15 16.2	3.78 - 4.52 14.8 - 17.7	0.125 0.487	mmol/L mg/dL
		1 4808	146 336	137 - 155 316 - 356	2.92 6.71	mmol/L mg/dL
MG Magnesium	Enzymatic	960402	151 347	142 - 160 326 - 368	3.02 6.94	mmol/L mg/dL
		1 2311	6.12 61.2	5.45 - 6.79 54.5 - 67.9	0.224 2.24	g/dL g/L
Na Sodium	Enzymatic	1 7252	259 2.59	207 - 311 2.07 - 3.11	17.3 0.173	mg/dL g/L
		1 5710	92.9 1.05	76.2 - 110 0.858 - 1.23	5.57 0.063	mg/dL mmol/L
TP Total Protein	Biuret, with sample blank	1 1921	250 44.8	200 - 300 35.8 - 53.7	16.7 2.99	μg/dL μmol/L
		1 1921	295 52.8	236 - 354 42.3 - 63.4	19.7 3.52	μg/dL μmol/L
TRF Transferrin	Immunoturbidimetric	1 3101	41.8 6.95	32.6 - 51.0 5.42 - 8.48	3.06 0.510	mg/dL mmol/L
		1 3001	4.92 293	4.23 - 5.61 252 - 334	0.230 13.7	mg/dL μmol/L
TRIG Triglycerides	GPO-PAP	1 1921	250 44.8	200 - 300 35.8 - 53.7	16.7 2.99	μg/dL μmol/L
		1 1921	295 52.8	236 - 354 42.3 - 63.4	19.7 3.52	μg/dL μmol/L
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	250 44.8	200 - 300 35.8 - 53.7	16.7 2.99	μg/dL μmol/L
		1 1921	295 52.8	236 - 354 42.3 - 63.4	19.7 3.52	μg/dL μmol/L
UREA Urea	Urease UV	1 3101	41.8 6.95	32.6 - 51.0 5.42 - 8.48	3.06 0.510	mg/dL mmol/L
		1 3001	4.92 293	4.23 - 5.61 252 - 334	0.230 13.7	mg/dL μmol/L
UA Uric Acid	TOOS	1 3101	41.8 6.95	32.6 - 51.0 5.42 - 8.48	3.06 0.510	mg/dL mmol/L
		1 3001	4.92 293	4.23 - 5.61 252 - 334	0.230 13.7	mg/dL μmol/L



DiaSys Diagnostic Systems GmbH
Alte Strasse 9 65558 Holzheim Germany
www.diasys-diagnostics.com

TruLab N

LOT 25894



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



2021-08

BioMajesty®



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	Bromcresol green	1 0220	3.95 39.5	3.04 - 4.86 30.4 - 48.6	0.303 3.03	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	74.6 1.24	56.0 - 93.3 0.933 - 1.55	6.22 0.104	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 + 2 5010	56.0 0.933	43.1 - 68.9 0.719 - 1.15	4.29 0.072	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	57.2 0.954	44.1 - 70.4 0.735 - 1.17	4.39 0.073	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 + 2 5010	44.3 0.738	34.1 - 54.5 0.569 - 0.908	3.40 0.057	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	43.5 0.726	33.5 - 53.6 0.559 - 0.893	3.34 0.056	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	71.3 1.19	57.0 - 85.6 0.951 - 1.43	4.75 0.079	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	26.2 0.437	21.0 - 31.4 0.349 - 0.524	1.75 0.029	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	149 1.49	119 - 179 1.19 - 1.79	9.93 0.099	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	76.1 0.761	60.9 - 91.3 0.609 - 0.913	5.07 0.051	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	0.820 14.0	0.607 - 1.03 10.4 - 17.7	0.071 1.22	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	1.84 31.5	1.36 - 2.32 23.3 - 39.6	0.159 2.73	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.35 9.43	2.09 - 2.61 8.40 - 10.5	0.086 0.346	mmol/L mg/dL
CL Chloride	Indirect ISE	980132	119 421	108 - 129 383 - 459	3.56 12.6	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	168 4.35	145 - 192 3.74 - 4.96	7.85 0.203	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	6770 113	5551 - 7989 92.5 - 133	406 6.77	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	179 2.98	143 - 215 2.39 - 3.58	11.9 0.199	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	29.8 0.497	23.8 - 35.8 0.397 - 0.596	1.99 0.033	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	1.55 137	1.21 - 1.89 107 - 167	0.114 10.0	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.43 126	1.12 - 1.74 98.6 - 154	0.105 9.27	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.35 119	1.05 - 1.65 93.1 - 146	0.099 8.75	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	29.2 0.486	22.8 - 35.6 0.379 - 0.593	2.14 0.036	U/L µkat/L
GLUC Glucose	HK/G6P-DH	1 2511	86.7 4.81	72.8 - 101 4.04 - 5.58	4.62 0.257	mg/dL mmol/L

TruLab N

LOT 25894



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

2021-08

BioMajesty®



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
HDLC	Immunoinhibition	1 3521	48.6	41.8 - 55.4	2.27	mg/dL
HDL-Cholesterol			1.26	1.08 - 1.43	0.059	mmol/L
	Direct, colorimetric	1 3561	52.3	45.0 - 59.6	2.44	mg/dL
			1.35	1.16 - 1.54	0.063	mmol/L
HBUT	β-HBDH / Diaphorase 37°C	1 3701	0.321	0.257 - 0.385	0.021	mmol/L
β-Hydroxybutyrate			3.34	2.67 - 4.01	0.223	mg/dL
	β-HBDH 37°C	1 3711	0.336	0.269 - 0.403	0.022	mmol/L
			3.50	2.80 - 4.20	0.233	mg/dL
IgA	Immunoturbidimetric	1 7202	197	150 - 244	15.8	mg/dL
Immunoglobulin A			1.97	1.50 - 2.44	0.158	g/L
IgE	Immunoturbidimetric	1 7239	89.3	71.4 - 107	5.95	IU/mL
Immunoglobulin E			214	171 - 257	14.3	ng/mL
IgG	Immunoturbidimetric	1 7212	959	767 - 1151	63.9	mg/dL
Immunoglobulin G			9.59	7.67 - 11.5	0.639	g/L
IgM	Immunoturbidimetric	1 7222	90.7	65.3 - 116	8.46	mg/dL
Immunoglobulin M			0.907	0.653 - 1.16	0.085	g/L
FE	Ferene	1 1911	93.2	80.2 - 106	4.35	µg/dL
Iron			16.7	14.4 - 19.0	0.779	µmol/L
LACT	LDH UV	1 4001	13.1	10.3 - 15.9	0.917	mg/dL
Lactate			1.45	1.15 - 1.76	0.102	mmol/L
LDH	IFCC, DGKC 1994 37°C	1 4211	172	141 - 202	10.3	U/L
Lactate dehydrogenase			2.86	2.35 - 3.37	0.172	µkat/L
LDLC	Homogenous Select, TruCal Lipid	1 4121	93.5	80.4 - 107	4.36	mg/dL
LDL-Cholesterol			2.42	2.08 - 2.76	0.113	mmol/L
	Direct, colorimetric	1 4131	94.3	81.1 - 107	4.40	mg/dL
			2.44	2.10 - 2.78	0.114	mmol/L
LPS	Colorimetric	1 4321	52.5	42.0 - 63.1	3.50	U/L
Lipase			0.876	0.701 - 1.05	0.058	µkat/L
MG	Xylidyl blue	1 4610	0.811	0.682 - 0.941	0.043	mmol/L
Magnesium			1.97	1.66 - 2.29	0.105	mg/dL
PL	Enzymatic	1 5741	190	152 - 228	12.7	mg/dL
Phospholipids			2.45	1.96 - 2.94	0.163	mmol/L
PO3	Molybdate UV	1 5211	3.07	2.52 - 3.63	0.184	mg/dL
Phosphorus			0.992	0.814 - 1.17	0.060	mmol/L
K	Indirect ISE	980131	4.08	3.71 - 4.45	0.122	mmol/L
Potassium			16.0	14.5 - 17.4	0.479	mg/dL
Na	Indirect ISE	980130	143	134 - 151	2.85	mmol/L
Sodium			328	308 - 348	6.56	mg/dL
TP	Biuret, with sample blank	1 2311	6.12	5.45 - 6.79	0.224	g/dL
Total Protein			61.2	54.5 - 67.9	2.24	g/L
TRF	Immunoturbidimetric	1 7252	259	207 - 311	17.3	mg/dL
Transferrin			2.59	2.07 - 3.11	0.173	g/L
TRIG	GPO-PAP	1 5710	92.9	76.2 - 110	5.57	mg/dL
Triglycerides			1.05	0.858 - 1.23	0.063	mmol/L
UIBC	Ferene	1 1921	250	200 - 300	16.7	µg/dL
Unsat.Iron Binding Cap.			44.8	35.8 - 53.7	2.99	µmol/L
	For reagent lots ≥ 29398	1 1921	295	236 - 354	19.7	µg/dL
			52.8	42.3 - 63.4	3.52	µmol/L
UREA	Urease UV	1 3101	41.8	32.6 - 51.0	3.06	mg/dL
Urea			6.95	5.42 - 8.48	0.510	mmol/L
UA	TOOS	1 3001	4.92	4.23 - 5.61	0.230	mg/dL
Uric Acid			293	252 - 334	13.7	µmol/L



DiaSys Diagnostic Systems GmbH
Alte Strasse 9 65558 Holzheim Germany
www.diasys-diagnostics.com