

# TruLab N

**LOT 28657**

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



**2023-01-31**



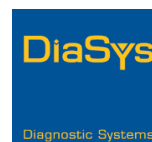
Updated sheets: [www.diasys-diagnostics.com/service-area/value-sheets/](http://www.diasys-diagnostics.com/service-area/value-sheets/)

Value sheet version: 4

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.57	2.75 - 4.40	g/dL
			35.7	27.5 - 44.0	g/L
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	76.0	57.0 - 95.0	U/L
			1.27	0.950 - 1.58	µkat/L
	DGKC 1970 37°C	1 0401	120	90.3 - 151	U/L
			2.01	1.51 - 2.51	µkat/L
<b>ALT/GPT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	50.7	39.1 - 62.4	U/L
			2 5010	0.845	0.651 - 1.04
	without pyridoxal phosphate 37°C	1 2701	50.9	39.2 - 62.5	U/L
			0.848	0.653 - 1.04	µkat/L
<b>AST/GOT</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	39.9	30.7 - 49.1	U/L
			2 5010	0.665	0.512 - 0.818
	without pyridoxal phosphate 37°C	1 2601	38.9	29.9 - 47.8	U/L
			0.648	0.499 - 0.797	µkat/L
<b>AMY</b> Amylase	EPS G-7	1 0501	68.5	54.8 - 82.2	U/L
			1.14	0.913 - 1.37	µkat/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	28.0	22.4 - 33.6	U/L
			0.467	0.373 - 0.560	µkat/L
<b>APOA1</b> Apolipoprotein A1	Immunoturbidimetric	1 7102	126	101 - 151	mg/dL
			1.26	1.01 - 1.51	g/L
<b>APOB</b> Apolipoprotein B	Immunoturbidimetric	1 7112	71.2	57.0 - 85.4	mg/dL
			0.712	0.570 - 0.854	g/L
<b>BILE</b> Total Bile Acids	Colorimetric	1 2212	16.3	13.1 - 19.6	µmol/L
	Enzymatic cycling method	1 2238	10.8	8.60 - 12.9	µmol/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.721	0.533 - 0.908	mg/dL
			12.3	9.12 - 15.5	µmol/L
	Jendrassik-Grof	1 0849	0.818	0.605 - 1.03	mg/dL
			14.0	10.3 - 17.6	µmol/L
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.54	1.14 - 1.94	mg/dL
			26.3	19.4 - 33.1	µmol/L
	Jendrassik-Grof	1 0849	1.72	1.27 - 2.17	mg/dL
			29.4	21.8 - 37.1	µmol/L
<b>CA</b> Calcium	Arsenazo	1 1130	2.04	1.82 - 2.27	mmol/L
			8.20	7.30 - 9.10	mg/dL
	Phosphonazo	1 1181	2.16	1.92 - 2.39	mmol/L
			8.65	7.70 - 9.60	mg/dL
<b>CL</b> Chloride	Colorimetric	1 1221	100	90.6 - 108	mmol/L
			353	321 - 385	mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300 +	146	126 - 167	mg/dL
			1 1350	3.78	3.25 - 4.31
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	5981	4904 - 7058	U/L
			99.7	81.7 - 118	µkat/L
<b>CK</b> Creatine kinase	DGKC, IFCC 37°C	1 1601	147	117 - 176	U/L
			2.45	1.96 - 2.93	µkat/L

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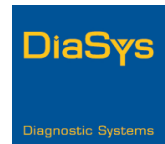
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<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	35.2	28.1 - 42.2	U/L
			0.586	0.469 - 0.703	µkat/L
<b>CREA</b> Creatinine	Jaffé, without compensation	1 1711	1.47	1.15 - 1.80	mg/dL
			130	101 - 159	µmol/L
	Jaffé, with compensation	1 1711	1.34	1.05 - 1.64	mg/dL
			119	92.6 - 145	µmol/L
Enzymatic PAP	1 1759	1.36	1.06 - 1.66	mg/dL	
		120	93.9 - 147	µmol/L	
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	30.0	23.4 - 36.6	U/L
			0.500	0.390 - 0.610	µkat/L
	Szasz 37°C	1 2801	26.5	20.7 - 32.4	U/L
			0.442	0.345 - 0.540	µkat/L
<b>GLDH</b> Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	15.7	12.6 - 18.8	U/L
			0.261	0.209 - 0.314	µkat/L
<b>GLUC</b> Glucose	GOD-PAP	1 2500 +	85.6	71.9 - 99.3	mg/dL
			4.75	3.99 - 5.51	mmol/L
	HK/G6P-DH	1 2511	83.3	70.0 - 96.7	mg/dL
			4.62	3.88 - 5.36	mmol/L
Gluc-DH	1 2531	83.2	69.9 - 96.5	mg/dL	
		4.62	3.88 - 5.35	mmol/L	
<b>HBDH</b> α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	118	94.6 - 142	U/L
			1.97	1.58 - 2.36	µkat/L
<b>HDLC</b> HDL-Cholesterol	Immunoinhibition	1 3521	40.9	35.2 - 46.6	mg/dL
			1.06	0.910 - 1.21	mmol/L
			Direct, colorimetric	1 3561	45.0
			1.16	1.00 - 1.33	mmol/L
<b>HBUT</b> β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.306	0.245 - 0.368	mmol/L
			3.19	2.55 - 3.83	mg/dL
	β-HBDH 37°C	1 3711	0.329	0.263 - 0.394	mmol/L
			3.42	2.74 - 4.11	mg/dL
<b>IgA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	159	121 - 198	mg/dL
			1.59	1.21 - 1.98	g/L
<b>IgE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	98.7	78.9 - 118	IU/mL
			237	189 - 284	ng/mL
<b>IgG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	811	649 - 973	mg/dL
			8.11	6.49 - 9.73	g/L
<b>IgM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	79.1	57.0 - 101	mg/dL
			0.791	0.570 - 1.01	g/L
<b>FE</b> Iron	Ferene	1 1911	78.1	67.2 - 89.1	µg/dL
			14.0	12.0 - 16.0	µmol/L
<b>LACT</b> Lactate	LDH UV	1 4001	10.8	8.55 - 13.1	mg/dL
			1.20	0.949 - 1.45	mmol/L
<b>LDH</b> Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	145	119 - 171	U/L
			2.41	1.98 - 2.85	µkat/L
	DGKC opt. 1970 37°C	1 4201	231	190 - 273	U/L
			3.86	3.16 - 4.55	µkat/L

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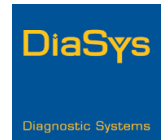
Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>LDLC</b> LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	79.8 2.06	68.6 - 91.0 1.78 - 2.35	mg/dL mmol/L
<b>LPS</b> Lipase	Colorimetric	1 4321	53.4 0.890	42.7 - 64.1 0.712 - 1.07	U/L µkat/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	0.822 2.00	0.690 - 0.954 1.68 - 2.32	mmol/L mg/dL
<b>PL</b> Phospholipids	Enzymatic	1 5741	166 2.14	133 - 199 1.71 - 2.57	mg/dL mmol/L
<b>PO3</b> Phosphorus	Molybdate UV, substrate start	1 5211	2.98 0.962	2.44 - 3.52 0.789 - 1.14	mg/dL mmol/L
	Molybdate UV, sample start	1 5211	3.02 0.974	2.47 - 3.56 0.799 - 1.15	mg/dL mmol/L
<b>K</b> Potassium	Enzymatic	1 5221	3.93 15.4	3.58 - 4.29 14.0 - 16.8	mmol/L mg/dL
<b>Na</b> Sodium	Enzymatic	1 4808	129 297	122 - 137 280 - 315	mmol/L mg/dL
<b>TP</b> Total Protein	Biuret, without sample blank	1 2311	6.22 62.2	5.54 - 6.91 55.4 - 69.1	g/dL g/L
	Biuret, with sample blank	1 2311	5.51 55.1	4.90 - 6.11 49.0 - 61.1	g/dL g/L
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	214 2.14	171 - 257 1.71 - 2.57	mg/dL g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5760 1 5710	87.0 0.980	71.4 - 103 0.803 - 1.16	mg/dL mmol/L
<b>UIBC</b> Unsat. Iron Binding Cap.	Ferene	1 1921	225 40.3	180 - 270 32.3 - 48.4	µg/dL µmol/L
	For reagent lots ≥ 29398	1 1921	256 45.8	205 - 307 36.7 - 55.0	µg/dL µmol/L
<b>UREA</b> Urea	Urease UV	1 3101	36.2 6.02	28.2 - 44.1 4.70 - 7.34	mg/dL mmol/L
	Colorimetric, Berthelot	1 3115	32.5 5.41	25.4 - 39.7 4.22 - 6.60	mg/dL mmol/L
<b>UA</b> Uric Acid	TBHBA	1 3021	5.14 306	4.42 - 5.86 263 - 348	mg/dL µmol/L
	TOOS	1 3001	5.07 301	4.36 - 5.78 259 - 344	mg/dL µmol/L



DiaSys Diagnostic Systems GmbH  
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<b>GLUC</b>	Amperometric	Biosensor	81.4	68.4 - 94.4	mg/dL
Glucose			4.52	3.80 - 5.24	mmol/L
<b>LACT</b>	Amperometric	Biosensor	11.5	9.09 - 13.9	mg/dL
Lactate			1.28	1.01 - 1.54	mmol/L



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**respons<sup>®</sup>910**



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<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	76.0 1.27	57.0 - 95.0 0.950 - 1.58	U/L µkat/L
<b>ALT/GPT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	50.7	39.1 - 62.4	U/L
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<b>BILE</b> Total Bile Acids	Enzymatic cycling method	1 2238	10.8	8.60 - 12.9	µmol/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.721	0.533 - 0.908	mg/dL
			12.3	9.12 - 15.5	µmol/L
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.54 26.3	1.14 - 1.94 19.4 - 33.1	mg/dL µmol/L
<b>CA</b> Calcium	Phosphonazo	1 1181	2.16	1.92 - 2.39	mmol/L
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<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	30.0	23.4 - 36.6	U/L
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<b>GLUC</b> Glucose	GOD-PAP	1 2500	85.6	71.9 - 99.3	mg/dL
			4.75	3.99 - 5.51	mmol/L
			HK/G6P-DH	1 2511	83.3
4.62	3.88 - 5.36	mmol/L			
<b>HDLC</b> HDL-Cholesterol	Immunoinhibition	1 3521	40.9	35.2 - 46.6	mg/dL
			1.06	0.910 - 1.21	mmol/L
			Direct, colorimetric	1 3561	45.0
1.16	1.00 - 1.33	mmol/L			















