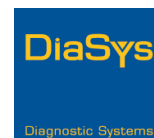


# TruLab N

**LOT** 36871



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.43 34.3	2.64 - 4.22 26.4 - 42.2	g/dL g/L
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	60.2 1.00	45.1 - 75.2 0.752 - 1.25	U/L µkat/L
<b>ALT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	48.9	37.7 - 60.2	U/L
		2 5010	0.815	0.628 - 1.00	µkat/L
	without pyridoxal phosphate 37°C	1 2701	49.6 0.827	38.2 - 61.1 0.637 - 1.02	U/L µkat/L
<b>AST</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	36.3	28.0 - 44.7	U/L
		2 5010	0.605	0.466 - 0.745	µkat/L
	without pyridoxal phosphate 37°C	1 2601	35.5 0.591	27.3 - 43.6 0.455 - 0.727	U/L µkat/L
<b>AMY</b> Amylase	EPS G-7	1 0501	68.6	54.9 - 82.3	U/L
			1.14	0.914 - 1.37	µkat/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	28.8	23.0 - 34.5	U/L
			0.479	0.383 - 0.575	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	70.4	56.3 - 84.4	mg/dL
			0.704	0.563 - 0.844	g/L
<b>TBA</b> Total Bile Acids	Enzymatic cycling method	1 2238	9.96	7.97 - 12.0	µmol/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.706	0.522 - 0.889	mg/dL
			12.1	8.93 - 15.2	µmol/L
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.27	0.941 - 1.60	mg/dL
			21.8	16.1 - 27.4	µmol/L
<b>BUN</b> Urea N	Urease UV	1 1130	16.7	13.0 - 20.4	mg/dL
			5.96	4.65 - 7.28	mmol/L
<b>CAAS</b> Calcium	Arsenazo	1 1130	2.23	1.98 - 2.47	mmol/L
			8.93	7.95 - 9.92	mg/dL
<b>CA</b> Calcium	Phosphonazo	1 1181	2.34	2.08 - 2.60	mmol/L
			9.39	8.35 - 10.4	mg/dL
<b>Cl21</b> Chloride	Colorimetric	1 1221	102	92.7 - 111	mmol/L
			361	329 - 394	mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300	133	114 - 152	mg/dL
			3.44	2.96 - 3.92	mmol/L
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	5700	4674 - 6726	U/L
			95.0	77.9 - 112	µkat/L
<b>CK</b> Creatine kinase	DGKC, IFCC 37°C	1 1601	145	116 - 174	U/L
			2.42	1.93 - 2.90	µkat/L

# TruLab N

**LOT 36871**

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

Value sheet version: 2

Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	Unit
<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	27.6 0.461	22.1 - 33.2 0.369 - 0.553	U/L µkat/L
<b>CREA</b> Creatinine	Jaffé, without compensation	1 1711	1.48 131	1.15 - 1.81 102 - 160	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.35 120	1.06 - 1.65 93.3 - 146	mg/dL µmol/L
<b>CREAP</b> Creatinine	Enzymatic PAP	1 1759	1.33 117	1.03 - 1.62 91.4 - 143	mg/dL µmol/L
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	30.8 0.513	24.0 - 37.5 0.400 - 0.625	U/L µkat/L
	Szasz 37°C	1 2801	27.2 0.454	21.2 - 33.2 0.354 - 0.553	U/L µkat/L
<b>GLDH</b> Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	12.8 0.214	10.3 - 15.4 0.171 - 0.257	U/L µkat/L
<b>GLUC</b> Glucose	GOD-PAP	1 2500	94.6 5.25	79.4 - 110 4.41 - 6.09	mg/dL mmol/L
<b>GLUHK</b> Glucose	HK/G6P-DH	1 2511	92.7 5.15	77.9 - 108 4.32 - 5.97	mg/dL mmol/L
<b>HDLCD</b> HDL-Cholesterol	Direct, colorimetric	1 3561	37.5 0.971	30.0 - 45.1 0.777 - 1.17	mg/dL mmol/L
<b>HBUT21</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.319 3.32	0.255 - 0.383 2.66 - 3.99	mmol/L mg/dL
<b>IGA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	171 1.71	130 - 213 1.30 - 2.13	mg/dL g/L
<b>IGE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	70.3 169	56.3 - 84.4 135 - 203	IU/mL ng/mL
<b>IGG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	830 8.30	664 - 996 6.64 - 9.96	mg/dL g/L
<b>IGM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	75.0 0.750	54.0 - 96.0 0.540 - 0.960	mg/dL g/L
<b>FE</b> Iron	Ferene	1 1911	79.3 14.2	68.2 - 90.4 12.2 - 16.2	µg/dL µmol/L
<b>LACT</b> Lactate	LDH UV	1 4001	13.1 1.46	10.4 - 15.9 1.15 - 1.77	mg/dL mmol/L
<b>LDH21</b> Lactate dehydrogenase	IFCC, modified	1 4251	154 2.56	126 - 181 2.10 - 3.02	U/L µkat/L

# TruLab N

**LOT 36871**

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



**2027-06-30**



**IVD**

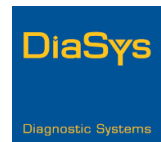
Updated sheets: [www.diasys-diagnostics.com/service-area/value-sheets/](http://www.diasys-diagnostics.com/service-area/value-sheets/)

Value sheet version: 2

Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	Unit
<b>LDLCD</b>	Direct, colorimetric	1 4131	72.8	58.2 - 87.4	mg/dL
LDL-Cholesterol			1.88	1.51 - 2.26	mmol/L
<b>LPS</b>	Colorimetric	1 4321	47.4	37.9 - 56.9	U/L
Lipase			0.790	0.632 - 0.948	µkat/L
<b>MG</b>	Xylidyl blue	1 4610	0.856	0.719 - 0.992	mmol/L
Magnesium			2.08	1.75 - 2.41	mg/dL
<b>PO4</b>	Molybdate UV, substrate start	1 5211	2.92	2.40 - 3.45	mg/dL
Phosphorus			0.944	0.774 - 1.11	mmol/L
	Molybdate UV, sample start	1 5211	3.01	2.47 - 3.55	mg/dL
			0.973	0.798 - 1.15	mmol/L
<b>K enz.</b>	Enzymatic	1 5221	3.97	3.61 - 4.32	mmol/L
Potassium			15.5	14.1 - 16.9	mg/dL
<b>Na enz.</b>	Enzymatic	1 4808	119	112 - 126	mmol/L
Sodium			274	258 - 291	mg/dL
<b>TP</b>	Biuret, without sample blank	1 2311	6.02	5.36 - 6.69	g/dL
Total Protein			60.2	53.6 - 66.9	g/L
	Biuret, with sample blank	1 2311	5.33	4.75 - 5.92	g/dL
			53.3	47.5 - 59.2	g/L
<b>TRF</b>	Immunoturbidimetric	1 7252	202	161 - 242	mg/dL
Transferrin			2.02	1.61 - 2.42	g/L
<b>TRIG</b>	GPO-PAP	1 5710	77.1	63.2 - 90.9	mg/dL
Triglycerides			0.868	0.712 - 1.02	mmol/L
<b>UIBC</b>	Ferene	1 1921	215	172 - 258	µg/dL
Unsat. Iron Binding Cap.			38.5	30.8 - 46.2	µmol/L
<b>UREA</b>	Urease UV	1 3101	35.8	27.9 - 43.7	mg/dL
Urea			5.96	4.65 - 7.28	mmol/L
<b>UA TBH</b>	TBHBA	1 3021	4.76	4.09 - 5.43	mg/dL
Uric Acid			283	244 - 323	µmol/L
<b>UA</b>	TOOS	1 3001	4.73	4.06 - 5.39	mg/dL
Uric Acid			281	242 - 320	µmol/L



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# TruLab N

**LOT** 36871

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

Value sheet version: 2

Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	Unit
<b>GLUC</b>	Amperometric	Biosensor	102	85.6 - 118	mg/dL
Glucose			5.66	4.75 - 6.56	mmol/L
<b>LACT</b>	Amperometric	Biosensor	15.1	11.9 - 18.2	mg/dL
Lactate			1.67	1.32 - 2.02	mmol/L



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# TruLab N

**LOT** 36871



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



2027-06-30

respons<sup>®</sup>910



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.43 34.3	2.64 - 4.22 26.4 - 42.2	g/dL g/L
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	60.2 1.00	45.1 - 75.2 0.752 - 1.25	U/L µkat/L
<b>ALT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	48.9	37.7 - 60.2	U/L
		2 5010	0.815	0.628 - 1.00	µkat/L
	without pyridoxal phosphate 37°C	1 2701	49.6 0.827	38.2 - 61.1 0.637 - 1.02	U/L µkat/L
<b>AST</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	36.3	28.0 - 44.7	U/L
		2 5010	0.605	0.466 - 0.745	µkat/L
	without pyridoxal phosphate 37°C	1 2601	35.5 0.591	27.3 - 43.6 0.455 - 0.727	U/L µkat/L
<b>AMY</b> Amylase	EPS G-7	1 0501	68.6	54.9 - 82.3	U/L
			1.14	0.914 - 1.37	µkat/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	28.8	23.0 - 34.5	U/L
			0.479	0.383 - 0.575	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	70.4	56.3 - 84.4	mg/dL
			0.704	0.563 - 0.844	g/L
<b>TBA</b> Total Bile Acids	Enzymatic cycling method	1 2238	9.96	7.97 - 12.0	µmol/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.706	0.522 - 0.889	mg/dL
			12.1	8.93 - 15.2	µmol/L
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.27	0.941 - 1.60	mg/dL
			21.8	16.1 - 27.4	µmol/L
<b>BUN</b> Urea N	Urease UV	1 1130	16.7	13.0 - 20.4	mg/dL
			5.96	4.65 - 7.28	mmol/L
<b>CA</b> Calcium	Phosphonazo	1 1181	2.34	2.08 - 2.60	mmol/L
			9.39	8.35 - 10.4	mg/dL
<b>Cl21</b> Chloride	Colorimetric	1 1221	102	92.7 - 111	mmol/L
			361	329 - 394	mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300	133	114 - 152	mg/dL
			3.44	2.96 - 3.92	mmol/L
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	5700	4674 - 6726	U/L
			95.0	77.9 - 112	µkat/L
<b>CK</b> Creatine kinase	DGKC, IFCC 37°C	1 1601	145	116 - 174	U/L
			2.42	1.93 - 2.90	µkat/L
<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	27.6	22.1 - 33.2	U/L
			0.461	0.369 - 0.553	µkat/L
<b>CREA</b> Creatinine	Jaffé , without compensation	1 1711	1.48	1.15 - 1.81	mg/dL
			131	102 - 160	µmol/L
			Jaffé, with compensation	1 1711	1.35
			120	93.3 - 146	µmol/L
<b>CREAP</b> Creatinine	Enzymatic PAP	1 1759	1.33	1.03 - 1.62	mg/dL
			117	91.4 - 143	µmol/L
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	30.8	24.0 - 37.5	U/L
			0.513	0.400 - 0.625	µkat/L

# TruLab N

**LOT** 36871



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



2027-06-30

respons<sup>®</sup>910



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

Value sheet version: 2

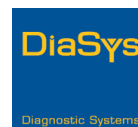
Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	Unit
<b>GLUC</b> Glucose	GOD-PAP	1 2500	94.6 5.25	79.4 - 110 4.41 - 6.09	mg/dL mmol/L
<b>GLUHK</b> Glucose	HK/G6P-DH	1 2511	92.7 5.15	77.9 - 108 4.32 - 5.97	mg/dL mmol/L
<b>HDLCD</b> HDL-Cholesterol	Direct, colorimetric	1 3561	37.5 0.971	30.0 - 45.1 0.777 - 1.17	mg/dL mmol/L
<b>HBUT21</b> $\beta$ -Hydroxybutyrate	$\beta$ -HBDH 37°C	1 3711	0.319 3.32	0.255 - 0.383 2.66 - 3.99	mmol/L mg/dL
<b>IGA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	171 1.71	130 - 213 1.30 - 2.13	mg/dL g/L
<b>IGE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	70.3 169	56.3 - 84.4 135 - 203	IU/mL ng/mL
<b>IGG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	830 8.30	664 - 996 6.64 - 9.96	mg/dL g/L
<b>IGM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	75.0 0.750	54.0 - 96.0 0.540 - 0.960	mg/dL g/L
<b>FE</b> Iron	Ferene	1 1911	79.3 14.2	68.2 - 90.4 12.2 - 16.2	$\mu$ g/dL $\mu$ mol/L
<b>LACT</b> Lactate	LDH UV	1 4001	13.1 1.46	10.4 - 15.9 1.15 - 1.77	mg/dL mmol/L
<b>LDH21</b> Lactate dehydrogenase	IFCC, modified	1 4251	154 2.56	126 - 181 2.10 - 3.02	U/L $\mu$ kat/L
<b>LDLCD</b> LDL-Cholesterol	Direct, colorimetric	1 4131	72.8 1.88	58.2 - 87.4 1.51 - 2.26	mg/dL mmol/L
<b>LPS</b> Lipase	Colorimetric	1 4321	47.4 0.790	37.9 - 56.9 0.632 - 0.948	U/L $\mu$ kat/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	0.856 2.08	0.719 - 0.992 1.75 - 2.41	mmol/L mg/dL
<b>PO4</b> Phosphorus	Molybdate UV	1 5211	2.92 0.944	2.40 - 3.45 0.774 - 1.11	mg/dL mmol/L
<b>K enz.</b> Potassium	Enzymatic	1 5221	3.97 15.5	3.61 - 4.32 14.1 - 16.9	mmol/L mg/dL
<b>Na enz.</b> Sodium	Enzymatic	1 4808	119 274	112 - 126 258 - 291	mmol/L mg/dL
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	5.33 53.3	4.75 - 5.92 47.5 - 59.2	g/dL g/L
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	202 2.02	161 - 242 1.61 - 2.42	mg/dL g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5710	77.1 0.868	63.2 - 90.9 0.712 - 1.02	mg/dL mmol/L
<b>UIBC</b> Unsat.Iron Binding Cap.	Ferene	1 1921	215 38.5	172 - 258 30.8 - 46.2	$\mu$ g/dL $\mu$ mol/L
<b>UREA</b> Urea	Urease UV	1 3101	35.8 5.96	27.9 - 43.7 4.65 - 7.28	mg/dL mmol/L
<b>UA</b> Uric Acid	TOOS	1 3001	4.73 281	4.06 - 5.39 242 - 320	mg/dL $\mu$ mol/L



DiaSys Diagnostic Systems GmbH  
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# TruLab N

**LOT** 36871



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

2027-06-30

respons<sup>®</sup> 920



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


Value sheet version: 2

Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	1 SD	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.43 34.3	2.64 - 4.22 26.4 - 42.2	0.263 2.63	g/dL g/L
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	60.2 1.00	45.1 - 75.2 0.752 - 1.25	5.01 0.084	U/L µkat/L
<b>ALT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	48.9	37.7 - 60.2	3.75	U/L
		2 5010	0.815	0.628 - 1.00	0.062	µkat/L
	without pyridoxal phosphate 37°C	1 2701	49.6 0.827	38.2 - 61.1 0.637 - 1.02	3.81 0.063	U/L µkat/L
<b>AST</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	36.3	28.0 - 44.7	2.78	U/L
		2 5010	0.605	0.466 - 0.745	0.046	µkat/L
	without pyridoxal phosphate 37°C	1 2601	35.5 0.591	27.3 - 43.6 0.455 - 0.727	2.72 0.045	U/L µkat/L
<b>AMY</b> Amylase	EPS G-7	1 0501	68.6 1.14	54.9 - 82.3 0.914 - 1.37	4.57 0.076	U/L µkat/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	28.8 0.479	23.0 - 34.5 0.383 - 0.575	1.92 0.032	U/L µkat/L
<b>APOA1</b> Apolipoprotein A1	Immunoturbidimetric	1 7102	126	101 - 151	8.39	mg/dL
			1.26	1.01 - 1.51	0.084	g/L
<b>APOB</b> Apolipoprotein B	Immunoturbidimetric	1 7112	70.4	56.3 - 84.4	4.69	mg/dL
			0.704	0.563 - 0.844	0.047	g/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.706	0.522 - 0.889	0.061	mg/dL
			12.1	8.93 - 15.2	1.05	µmol/L
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.27	0.941 - 1.60	0.110	mg/dL
			21.8	16.1 - 27.4	1.89	µmol/L
<b>BUN</b> Urea N	Urease UV	1 1130	16.7	13.0 - 20.4	1.23	mg/dL
			5.96	4.65 - 7.28	0.437	mmol/L
<b>CA</b> Calcium	Phosphonazo	1 1181	2.34	2.08 - 2.60	0.086	mmol/L
			9.39	8.35 - 10.4	0.344	mg/dL
<b>Cl21</b> Chloride	Colorimetric	1 1221	102	92.7 - 111	3.06	mmol/L
			361	329 - 394	10.8	mg/dL
<b>Cl</b> Chloride	Direct ISE	960405	103	93.4 - 112	3.08	mmol/L
			364	331 - 397	10.9	mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300	133	114 - 152	6.20	mg/dL
			3.44	2.96 - 3.92	0.160	mmol/L
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	5700	4674 - 6726	342	U/L
			95.0	77.9 - 112	5.70	µkat/L
<b>CK</b> Creatine kinase	DGKC, IFCC 37°C	1 1601	145	116 - 174	9.67	U/L
			2.42	1.93 - 2.90	0.161	µkat/L
<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	27.6	22.1 - 33.2	1.84	U/L
			0.461	0.369 - 0.553	0.031	µkat/L
<b>CREA</b> Creatinine	Jaffé , without compensation	1 1711	1.48	1.15 - 1.81	0.109	mg/dL
			131	102 - 160	9.59	µmol/L
			1.35	1.06 - 1.65	0.099	mg/dL
	Jaffé, with compensation	1 1711	120	93.3 - 146	8.77	µmol/L
<b>CREAP</b> Creatinine	Enzymatic PAP	1 1759	1.33	1.03 - 1.62	0.097	mg/dL
			117	91.4 - 143	8.59	µmol/L
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	30.8	24.0 - 37.5	2.26	U/L
			0.513	0.400 - 0.625	0.038	µkat/L
<b>GLUC</b> Glucose	GOD-PAP	1 2500	94.6	79.4 - 110	5.04	mg/dL
			5.25	4.41 - 6.09	0.280	mmol/L
<b>GLUHK</b> Glucose	HK/G6P-DH	1 2511	92.7	77.9 - 108	4.95	mg/dL
			5.15	4.32 - 5.97	0.275	mmol/L
<b>HDLCD</b> HDL-Cholesterol	Direct, colorimetric	1 3561	37.5	30.0 - 45.1	2.50	mg/dL
			0.971	0.777 - 1.17	0.065	mmol/L

# TruLab N

**LOT** 36871

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

 2027-06-30

respons<sup>®</sup> 920



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	1 SD	Unit
<b>HBUT21</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.319 3.32	0.255 - 0.383 2.66 - 3.99	0.021 0.222	mmol/L mg/dL
<b>IGA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	171 1.71	130 - 213 1.30 - 2.13	13.7 0.137	mg/dL g/L
<b>IGE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	70.3 169	56.3 - 84.4 135 - 203	4.69 11.3	IU/mL ng/mL
<b>IGG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	830 8.30	664 - 996 6.64 - 9.96	55.4 0.554	mg/dL g/L
<b>IGM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	75.0 0.750	54.0 - 96.0 0.540 - 0.960	7.00 0.070	mg/dL g/L
<b>FE</b> Iron	Ferene	1 1911	85.9 15.4	73.9 - 98.0 13.2 - 17.5	4.01 0.718	µg/dL µmol/L
<b>LACT</b> Lactate	LDH UV	1 4001	13.1 1.46	10.4 - 15.9 1.15 - 1.77	0.920 0.102	mg/dL mmol/L
<b>LDH21</b> Lactate dehydrogenase	IFCC, modified	1 4251	154 2.56	126 - 181 2.10 - 3.02	9.21 0.154	U/L µkat/L
<b>LDLCD</b> LDL-Cholesterol	Direct, colorimetric	1 4131	72.8 1.88	58.2 - 87.4 1.51 - 2.26	4.85 0.126	mg/dL mmol/L
<b>LPS</b> Lipase	Colorimetric	1 4321	47.4 0.790	37.9 - 56.9 0.632 - 0.948	3.16 0.053	U/L µkat/L
<b>LI</b> Lithium	Direct ISE	960406	0.899 0.624	0.773 - 1.03 0.537 - 0.712	0.042 0.029	mmol/L mg/dL
<b>MG</b> Magnesium	Xylidyl blue	1 4610	0.856 2.08	0.719 - 0.992 1.75 - 2.41	0.046 0.111	mmol/L mg/dL
<b>PO4</b> Phosphorus	Molybdate UV	1 5211	2.92 0.944	2.40 - 3.45 0.774 - 1.11	0.175 0.057	mg/dL mmol/L
<b>K enz.</b> Potassium	Enzymatic	1 5221	3.97 15.5	3.61 - 4.32 14.1 - 16.9	0.119 0.465	mmol/L mg/dL
<b>K</b> Potassium	Direct ISE	960403	3.99 15.6	3.63 - 4.35 14.2 - 17.0	0.120 0.468	mmol/L mg/dL
<b>Na enz.</b> Sodium	Enzymatic	1 4808	119 274	112 - 126 258 - 291	2.39 5.49	mmol/L mg/dL
<b>Na</b> Sodium	Direct ISE	960402	133 306	125 - 141 287 - 324	2.66 6.11	mmol/L mg/dL
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	5.33 53.3	4.75 - 5.92 47.5 - 59.2	0.196 1.96	g/dL g/L
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	202 2.02	161 - 242 1.61 - 2.42	13.5 0.135	mg/dL g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5710	77.1 0.868	63.2 - 90.9 0.712 - 1.02	4.62 0.052	mg/dL mmol/L
<b>UIBC</b> Unsat.Iron Binding Cap.	Ferene	1 1921	215 38.5	172 - 258 30.8 - 46.2	14.3 2.57	µg/dL µmol/L
<b>UREA</b> Urea	Urease UV	1 3101	35.8 5.96	27.9 - 43.7 4.65 - 7.28	2.63 0.437	mg/dL mmol/L
<b>UA</b> Uric Acid	TOOS	1 3001	4.73 281	4.06 - 5.39 242 - 320	0.221 13.1	mg/dL µmol/L



DiaSys Diagnostic Systems GmbH  
Alte Strasse 9 65558 Holzheim Germany  
[www.diasys-diagnostics.com](http://www.diasys-diagnostics.com)

# TruLab N

# LOT 36871



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

2027-06-30

## respons<sup>®</sup>940



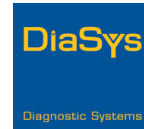
Updated sheets: [www.diasys-diagnostics.com/service-area/value-sheets/](http://www.diasys-diagnostics.com/service-area/value-sheets/)

Value sheet version: 2

Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	1 SD	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.43 34.3	2.64 - 4.22 26.4 - 42.2	0.263 2.63	g/dL g/L
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	60.2 1.00	45.1 - 75.2 0.752 - 1.25	5.01 0.084	U/L µkat/L
<b>ALT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	48.9	37.7 - 60.2	3.75	U/L
	without pyridoxal phosphate 37°C	2 5010	0.815	0.628 - 1.00	0.062	µkat/L
		1 2701	49.6 0.827	38.2 - 61.1 0.637 - 1.02	3.81 0.063	U/L µkat/L
<b>AST</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	36.3	28.0 - 44.7	2.78	U/L
	without pyridoxal phosphate 37°C	2 5010	0.605	0.466 - 0.745	0.046	µkat/L
		1 2601	35.5 0.591	27.3 - 43.6 0.455 - 0.727	2.72 0.045	U/L µkat/L
<b>AMY</b> Amylase	EPS G-7	1 0501	68.6 1.14	54.9 - 82.3 0.914 - 1.37	4.57 0.076	U/L µkat/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	28.8 0.479	23.0 - 34.5 0.383 - 0.575	1.92 0.032	U/L µkat/L
<b>APOA1</b> Apolipoprotein A1	Immunoturbidimetric	1 7102	126 1.26	101 - 151 1.01 - 1.51	8.39 0.084	mg/dL g/L
<b>APOB</b> Apolipoprotein B	Immunoturbidimetric	1 7112	70.4 0.704	56.3 - 84.4 0.563 - 0.844	4.69 0.047	mg/dL g/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.706	0.522 - 0.889	0.061	mg/dL
			12.1	8.93 - 15.2	1.05	µmol/L
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.27	0.941 - 1.60	0.110	mg/dL
			21.8	16.1 - 27.4	1.89	µmol/L
<b>BUN</b> Urea N	Urease UV	1 1130	16.7	13.0 - 20.4	1.23	mg/dL
			5.96	4.65 - 7.28	0.437	mmol/L
<b>CA</b> Calcium	Phosphonazo	1 1181	2.34	2.08 - 2.60	0.086	mmol/L
			9.39	8.35 - 10.4	0.344	mg/dL
<b>Cl21</b> Chloride	Colorimetric	1 1221	102	92.7 - 111	3.06	mmol/L
			361	329 - 394	10.8	mg/dL
<b>Cl</b> Chloride	Direct ISE	960405	103	93.4 - 112	3.08	mmol/L
			364	331 - 397	10.9	mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300	133	114 - 152	6.20	mg/dL
			3.44	2.96 - 3.92	0.160	mmol/L
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	5700	4674 - 6726	342	U/L
			95.0	77.9 - 112	5.70	µkat/L
<b>CK</b> Creatine kinase	DGKC, IFCC 37°C	1 1601	145	116 - 174	9.67	U/L
			2.42	1.93 - 2.90	0.161	µkat/L
<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	27.6	22.1 - 33.2	1.84	U/L
			0.461	0.369 - 0.553	0.031	µkat/L
<b>CREA</b> Creatinine	Jaffé, without compensation	1 1711	1.48	1.15 - 1.81	0.109	mg/dL
			131	102 - 160	9.59	µmol/L
			Jaffé, with compensation	1 1711	1.35	1.06 - 1.65
			120	93.3 - 146	8.77	µmol/L
<b>CREAP</b> Creatinine	Enzymatic PAP	1 1759	1.33	1.03 - 1.62	0.097	mg/dL
			117	91.4 - 143	8.59	µmol/L
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	30.8	24.0 - 37.5	2.26	U/L
			0.513	0.400 - 0.625	0.038	µkat/L
<b>GLUC</b> Glucose	GOD-PAP	1 2500	94.6	79.4 - 110	5.04	mg/dL
			5.25	4.41 - 6.09	0.280	mmol/L
<b>GLUHK</b> Glucose	HK/G6P-DH	1 2511	92.7	77.9 - 108	4.95	mg/dL
			5.15	4.32 - 5.97	0.275	mmol/L

# TruLab N

# LOT 36871



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

2027-06-30

## respons<sup>®</sup>940



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

Value sheet version: 2

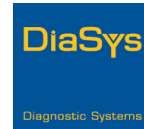
Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	1 SD	Unit
<b>HDLCD</b> HDL-Cholesterol	Direct, colorimetric	1 3561	37.5 0.971	30.0 - 45.1 0.777 - 1.17	2.50 0.065	mg/dL mmol/L
<b>HBUT21</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.319 3.32	0.255 - 0.383 2.66 - 3.99	0.021 0.222	mmol/L mg/dL
<b>IGA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	171 1.71	130 - 213 1.30 - 2.13	13.7 0.137	mg/dL g/L
<b>IGE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	70.3 169	56.3 - 84.4 135 - 203	4.69 11.3	IU/mL ng/mL
<b>IGG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	830 8.30	664 - 996 6.64 - 9.96	55.4 0.554	mg/dL g/L
<b>IGM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	75.0 0.750	54.0 - 96.0 0.540 - 0.960	7.00 0.070	mg/dL g/L
<b>FE</b> Iron	Ferene	1 1911	85.9 15.4	73.9 - 98.0 13.2 - 17.5	4.01 0.718	µg/dL µmol/L
<b>LACT</b> Lactate	LDH UV	1 4001	13.1 1.46	10.4 - 15.9 1.15 - 1.77	0.920 0.102	mg/dL mmol/L
<b>LDH21</b> Lactate dehydrogenase	IFCC, modified	1 4251	154 2.56	126 - 181 2.10 - 3.02	9.21 0.154	U/L µkat/L
<b>LDLCD</b> LDL-Cholesterol	Direct, colorimetric	1 4131	72.8 1.88	58.2 - 87.4 1.51 - 2.26	4.85 0.126	mg/dL mmol/L
<b>LPS</b> Lipase	Colorimetric	1 4321	47.4 0.790	37.9 - 56.9 0.632 - 0.948	3.16 0.053	U/L µkat/L
<b>LI</b> Lithium	Direct ISE	960406	0.899 0.624	0.773 - 1.03 0.537 - 0.712	0.042 0.029	mmol/L mg/dL
<b>MG</b> Magnesium	Xylidyl blue	1 4610	0.856 2.08	0.719 - 0.992 1.75 - 2.41	0.046 0.111	mmol/L mg/dL
<b>PO4</b> Phosphorus	Molybdate UV	1 5211	2.92 0.944	2.40 - 3.45 0.774 - 1.11	0.175 0.057	mg/dL mmol/L
<b>K enz.</b> Potassium	Enzymatic	1 5221	3.97 15.5	3.61 - 4.32 14.1 - 16.9	0.119 0.465	mmol/L mg/dL
<b>K</b> Potassium	Direct ISE	960403	3.99 15.6	3.63 - 4.35 14.2 - 17.0	0.120 0.468	mmol/L mg/dL
<b>Na enz.</b> Sodium	Enzymatic	1 4808	119 274	112 - 126 258 - 291	2.39 5.49	mmol/L mg/dL
<b>Na</b> Sodium	Direct ISE	960402	133 306	125 - 141 287 - 324	2.66 6.11	mmol/L mg/dL
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	5.33 53.3	4.75 - 5.92 47.5 - 59.2	0.196 1.96	g/dL g/L
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	202 2.02	161 - 242 1.61 - 2.42	13.5 0.135	mg/dL g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5710	77.1 0.868	63.2 - 90.9 0.712 - 1.02	4.62 0.052	mg/dL mmol/L
<b>UIBC</b> Unsat.Iron Binding Cap.	Ferene	1 1921	215 38.5	172 - 258 30.8 - 46.2	14.3 2.57	µg/dL µmol/L
<b>UREA</b> Urea	Urease UV	1 3101	35.8 5.96	27.9 - 43.7 4.65 - 7.28	2.63 0.437	mg/dL mmol/L
<b>UA</b> Uric Acid	TOOS	1 3001	4.73 281	4.06 - 5.39 242 - 320	0.221 13.1	mg/dL µmol/L



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# TruLab N

# LOT 36871



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

2027-06-30

## BioMajesty®



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	1 SD	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.43 34.3	2.64 - 4.22 26.4 - 42.2	0.263 2.63	g/dL g/L
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	60.2 1.00	45.1 - 75.2 0.752 - 1.25	5.01 0.084	U/L µkat/L
<b>ALT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	48.9	37.7 - 60.2	3.75	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	0.815 49.6 0.827	0.628 - 1.00 38.2 - 61.1 0.637 - 1.02	0.062 3.81 0.063	µkat/L U/L µkat/L
<b>AST</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	36.3	28.0 - 44.7	2.78	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	0.605 35.5 0.591	0.466 - 0.745 27.3 - 43.6 0.455 - 0.727	0.046 2.72 0.045	µkat/L U/L µkat/L
<b>AMY</b> Amylase	EPS G-7	1 0501	68.6 1.14	54.9 - 82.3 0.914 - 1.37	4.57 0.076	U/L µkat/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	28.8 0.479	23.0 - 34.5 0.383 - 0.575	1.92 0.032	U/L µkat/L
<b>APOA1</b> Apolipoprotein A1	Immunoturbidimetric	1 7102	126 1.26	101 - 151 1.01 - 1.51	8.39 0.084	mg/dL g/L
<b>APOB</b> Apolipoprotein B	Immunoturbidimetric	1 7112	70.4 0.704	56.3 - 84.4 0.563 - 0.844	4.69 0.047	mg/dL g/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.706 12.1	0.522 - 0.889 8.93 - 15.2	0.061 1.05	mg/dL µmol/L
	DCA	1 0811	1.27 21.8	0.941 - 1.60 16.1 - 27.4	0.110 1.89	mg/dL µmol/L
<b>BUN</b> Urea N	Urease UV	1 1130	16.7 5.96	13.0 - 20.4 4.65 - 7.28	1.23 0.437	mg/dL mmol/L
	Phosphonazo	1 1181	2.34 9.39	2.08 - 2.60 8.35 - 10.4	0.086 0.344	mmol/L mg/dL
<b>Cl</b> Chloride	Indirect ISE	980132	99.2 352	90.2 - 108 320 - 383	2.97 10.5	mmol/L mg/dL
	CHOD-PAP	1 1300	133 3.44	114 - 152 2.96 - 3.92	6.20 0.160	mg/dL mmol/L
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	5700 95.0	4674 - 6726 77.9 - 112	342 5.70	U/L µkat/L
	DGKC, IFCC 37°C	1 1601	145 2.42	116 - 174 1.93 - 2.90	9.67 0.161	U/L µkat/L
<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	27.6 0.461	22.1 - 33.2 0.369 - 0.553	1.84 0.031	U/L µkat/L
<b>CREA</b> Creatinine	Jaffé, without compensation	1 1711	1.48 131	1.15 - 1.81 102 - 160	0.109 9.59	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.35 120	1.06 - 1.65 93.3 - 146	0.099 8.77	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.33 117	1.03 - 1.62 91.4 - 143	0.097 8.59	mg/dL µmol/L
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	30.8 0.513	24.0 - 37.5 0.400 - 0.625	2.26 0.038	U/L µkat/L
	HK/G6P-DH	1 2511	92.7 5.15	77.9 - 108 4.32 - 5.97	4.95 0.275	mg/dL mmol/L

# TruLab N

# LOT 36871



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent Cat. No.	Value	Range	1 SD	Unit
<b>HDLCD</b> HDL-Cholesterol	Direct, colorimetric	1 3561	37.5 0.971	30.0 - 45.1 0.777 - 1.17	2.50 0.065	mg/dL mmol/L
<b>HBUT21</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.319 3.32	0.255 - 0.383 2.66 - 3.99	0.021 0.222	mmol/L mg/dL
<b>IGA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	171 1.71	130 - 213 1.30 - 2.13	13.7 0.137	mg/dL g/L
<b>IGE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	70.3 169	56.3 - 84.4 135 - 203	4.69 11.3	IU/mL ng/mL
<b>IGG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	830 8.30	664 - 996 6.64 - 9.96	55.4 0.554	mg/dL g/L
<b>IGM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	75.0 0.750	54.0 - 96.0 0.540 - 0.960	7.00 0.070	mg/dL g/L
<b>FE</b> Iron	Ferene	1 1911	79.3 14.2	68.2 - 90.4 12.2 - 16.2	3.70 0.663	µg/dL µmol/L
<b>LACT</b> Lactate	LDH UV	1 4001	13.1 1.46	10.4 - 15.9 1.15 - 1.77	0.920 0.102	mg/dL mmol/L
<b>LDH21</b> Lactate dehydrogenase	IFCC, modified	1 4251	154 2.56	126 - 181 2.10 - 3.02	9.21 0.154	U/L µkat/L
<b>LDLCD</b> LDL-Cholesterol	Direct, colorimetric	1 4131	72.8 1.88	58.2 - 87.4 1.51 - 2.26	4.85 0.126	mg/dL mmol/L
<b>LPS</b> Lipase	Colorimetric	1 4321	47.4 0.790	37.9 - 56.9 0.632 - 0.948	3.16 0.053	U/L µkat/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	0.856 2.08	0.719 - 0.992 1.75 - 2.41	0.046 0.111	mmol/L mg/dL
<b>PO4</b> Phosphorus	Molybdate UV	1 5211	2.92 0.944	2.40 - 3.45 0.774 - 1.11	0.175 0.057	mg/dL mmol/L
<b>K</b> Potassium	Indirect ISE	980131	3.84 15.0	3.49 - 4.19 13.7 - 16.4	0.115 0.450	mmol/L mg/dL
<b>Na</b> Sodium	Indirect ISE	980130	125 287	117 - 132 270 - 304	2.50 5.74	mmol/L mg/dL
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	5.33 53.3	4.75 - 5.92 47.5 - 59.2	0.196 1.96	g/dL g/L
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	202 2.02	161 - 242 1.61 - 2.42	13.5 0.135	mg/dL g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5710	77.1 0.868	63.2 - 90.9 0.712 - 1.02	4.62 0.052	mg/dL mmol/L
<b>UIBC</b> Unsat.Iron Binding Cap.	Ferene	1 1921	215 38.5	172 - 258 30.8 - 46.2	14.3 2.57	µg/dL µmol/L
<b>UREA</b> Urea	Urease UV	1 3101	35.8 5.96	27.9 - 43.7 4.65 - 7.28	2.63 0.437	mg/dL mmol/L
<b>UA</b> Uric Acid	TOOS	1 3001	4.73 281	4.06 - 5.39 242 - 320	0.221 13.1	mg/dL µmol/L



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