

# TruLab N

**LOT** 33772



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



2026-03-31



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 ID	Value	Range	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.58 35.8	2.75 - 4.40 27.5 - 44.0	g/dL g/L
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	65.3 1.09	49.0 - 81.6 0.816 - 1.36	U/L µkat/L
	DGKC 1970 37°C	1 0401	111 1.84	82.9 - 138 1.38 - 2.30	U/L µkat/L
<b>ALT/GPT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	48.5 0.809	37.4 - 59.7 0.623 - 0.995	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	48.2 0.803	37.1 - 59.3 0.619 - 0.988	U/L µkat/L
<b>AST/GOT</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	38.2 0.637	29.4 - 47.0 0.490 - 0.783	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	39.9 0.665	30.7 - 49.0 0.512 - 0.817	U/L µkat/L
<b>AMY</b> Amylase	EPS G-7	1 0501	71.0 1.18	56.8 - 85.2 0.947 - 1.42	U/L µkat/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	29.2 0.487	23.4 - 35.1 0.390 - 0.584	U/L µkat/L
<b>APOA1</b> Apolipoprotein A1	Immunoturbidimetric	1 7102	132 1.32	105 - 158 1.05 - 1.58	mg/dL g/L
<b>APOB</b> Apolipoprotein B	Immunoturbidimetric	1 7112	71.9 0.719	57.5 - 86.2 0.575 - 0.862	mg/dL g/L
<b>BILE</b> Total Bile Acids	Enzymatic cycling method	1 2238	9.70	7.76 - 11.6	µmol/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.876 15.0	0.648 - 1.10 11.1 - 18.9	mg/dL µmol/L
	Jendrassik-Grof	1 0849	1.08 18.4	0.797 - 1.36 13.6 - 23.2	mg/dL µmol/L
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.62 27.7	1.20 - 2.04 20.5 - 34.9	mg/dL µmol/L
	Jendrassik-Grof	1 0849	1.86 31.7	1.37 - 2.34 23.5 - 40.0	mg/dL µmol/L
<b>CA</b> Calcium	Arsenazo	1 1130	2.10 8.44	1.87 - 2.34 7.51 - 9.36	mmol/L mg/dL
	Phosphonazo	1 1181	2.21 8.84	1.96 - 2.45 7.87 - 9.81	mmol/L mg/dL
<b>CL</b> Chloride	Colorimetric	1 1221	108 384	98.5 - 118 349 - 418	mmol/L mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300 +	145 3.76	125 - 166 3.24 - 4.29	mg/dL mmol/L
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	5952 99.2	4881 - 7024 81.4 - 117	U/L µkat/L
<b>CK</b> Creatine kinase	DGKC, IFCC 37°C	1 1601	164 2.73	131 - 197 2.19 - 3.28	U/L µkat/L

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Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	36.0	28.8 - 43.1	U/L
			0.599	0.479 - 0.719	µkat/L
<b>CREA</b> Creatinine	Jaffé, without compensation	1 1711	1.48	1.15 - 1.80	mg/dL
			130	102 - 159	µmol/L
	Jaffé, with compensation	1 1711	1.34	1.05 - 1.64	mg/dL
			119	92.7 - 145	µmol/L
Enzymatic PAP	1 1759	1.33	1.04 - 1.62	mg/dL	
		117	91.6 - 143	µmol/L	
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	31.8	24.8 - 38.8	U/L
			0.530	0.413 - 0.647	µkat/L
	Szasz 37°C	1 2801	28.1	22.0 - 34.3	U/L
			0.469	0.366 - 0.572	µkat/L
<b>GLDH</b> Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	15.5	12.4 - 18.7	U/L
			0.259	0.207 - 0.311	µkat/L
<b>GLUC</b> Glucose	GOD-PAP	1 2500 +	91.4	76.8 - 106	mg/dL
			1 2550	5.07	4.26 - 5.88
	HK/G6P-DH	1 2511	88.9	74.7 - 103	mg/dL
			4.94	4.15 - 5.73	mmol/L
<b>HBDH</b> α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	126	101 - 152	U/L
			2.11	1.68 - 2.53	µkat/L
<b>HDLC</b> HDL-Cholesterol	Immuno-inhibition	1 3521	42.4	34.0 - 50.9	mg/dL
			1.10	0.878 - 1.32	mmol/L
	Direct, colorimetric	1 3561	42.7	34.2 - 51.3	mg/dL
			1.10	0.884 - 1.33	mmol/L
<b>HBUT</b> β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.318	0.254 - 0.382	mmol/L
			3.31	2.65 - 3.97	mg/dL
	β-HBDH 37°C	1 3711	0.318	0.254 - 0.382	mmol/L
			3.31	2.65 - 3.97	mg/dL
<b>IgA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	175	133 - 217	mg/dL
			1.75	1.33 - 2.17	g/L
<b>IgE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	71.6	57.3 - 85.9	IU/mL
			172	137 - 206	ng/mL
<b>IgG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	836	669 - 1004	mg/dL
			8.36	6.69 - 10.0	g/L
<b>IgM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	79.1	56.9 - 101	mg/dL
			0.791	0.569 - 1.01	g/L
<b>FE</b> Iron	Ferene	1 1911	79.9	68.7 - 91.1	µg/dL
			14.3	12.3 - 16.3	µmol/L
<b>LACT</b> Lactate	LDH UV	1 4001	11.4	8.99 - 13.8	mg/dL
			1.26	0.997 - 1.53	mmol/L
<b>LDH</b> Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	148	122 - 175	U/L
			2.47	2.03 - 2.92	µkat/L
	DGKC opt. 1970 37°C	1 4201	248	203 - 293	U/L
			4.14	3.39 - 4.88	µkat/L
IFCC, modified	1 4251	148	122 - 175	U/L	
		2.47	2.03 - 2.92	µkat/L	

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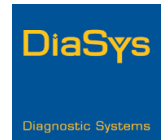
Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>LDLC</b> LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	79.6	63.7 - 95.5	mg/dL
			2.06	1.65 - 2.47	mmol/L
	Direct, colorimetric	1 4131	79.0	63.2 - 94.8	mg/dL
			2.04	1.63 - 2.45	mmol/L
<b>LPS</b> Lipase	Colorimetric	1 4321	55.1	44.1 - 66.1	U/L
			0.919	0.735 - 1.10	µkat/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	0.808	0.679 - 0.938	mmol/L
			1.96	1.65 - 2.28	mg/dL
<b>PL</b> Phospholipids	Enzymatic	1 5741	163	131 - 196	mg/dL
			2.11	1.69 - 2.53	mmol/L
<b>PO3</b> Phosphorus	Molybdate UV, substrate start	1 5211	2.98	2.44 - 3.52	mg/dL
			0.962	0.789 - 1.14	mmol/L
	Molybdate UV, sample start	1 5211	3.02	2.48 - 3.57	mg/dL
			0.976	0.801 - 1.15	mmol/L
<b>K</b> Potassium	Enzymatic	1 5221	4.24	3.86 - 4.63	mmol/L
			16.6	15.1 - 18.1	mg/dL
<b>Na</b> Sodium	Enzymatic	1 4808	121	114 - 128	mmol/L
			278	261 - 295	mg/dL
<b>TP</b> Total Protein	Biuret, without sample blank	1 2311	6.31	5.61 - 7.00	g/dL
			63.1	56.1 - 70.0	g/L
	Biuret, with sample blank	1 2311	5.63	5.01 - 6.25	g/dL
			56.3	50.1 - 62.5	g/L
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	213	170 - 255	mg/dL
			2.13	1.70 - 2.55	g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5760	80.5	66.0 - 95.0	mg/dL
		1 5710	0.906	0.743 - 1.07	mmol/L
<b>UIBC</b> Unsat. Iron Binding Cap.	Ferene	1 1921	228	182 - 273	µg/dL
			40.8	32.6 - 48.9	µmol/L
<b>UREA</b> Urea	Urease UV	1 3101	34.2	26.7 - 41.7	mg/dL
			5.69	4.44 - 6.95	mmol/L
	Colorimetric, Berthelot	1 3115	33.7	26.3 - 41.1	mg/dL
			5.61	4.37 - 6.84	mmol/L
<b>UA</b> Uric Acid	TBHBA	1 3021	4.99	4.29 - 5.69	mg/dL
			297	255 - 338	µmol/L
	TOOS	1 3001	5.00	4.30 - 5.70	mg/dL
			298	256 - 339	µmol/L



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2026-03-31

**Sensostar** **Sensostar**  
GLHsix GL30 touch



**IVD**

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Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>GLUC</b>	Amperometric	Biosensor	92.1	77.3 - 107	mg/dL
Glucose			5.11	4.29 - 5.93	mmol/L
<b>LACT</b>	Amperometric	Biosensor	12.6	9.93 - 15.2	mg/dL
Lactate			1.40	1.10 - 1.69	mmol/L



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# LOT 33772



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

 2026-03-31

## respons<sup>®</sup>910



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Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.58 35.8	2.75 - 4.40 27.5 - 44.0	g/dL g/L
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	65.3 1.09	49.0 - 81.6 0.816 - 1.36	U/L µkat/L
<b>ALT/GPT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	48.5	37.4 - 59.7	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	0.809 48.2	0.623 - 0.99 37.1 - 59.3	µkat/L U/L
			0.803	0.619 - 0.99	µkat/L
<b>AST/GOT</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	38.2	29.4 - 47.0	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	0.637 39.9	0.490 - 0.783 30.7 - 49.0	µkat/L U/L
			0.665	0.512 - 0.817	µkat/L
<b>AMY</b> Amylase	EPS G-7	1 0501	71.0 1.18	56.8 - 85.2 0.947 - 1.42	U/L µkat/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	29.2 0.487	23.4 - 35.1 0.390 - 0.584	U/L µkat/L
<b>APOA1</b> Apolipoprotein A1	Immunoturbidimetric	1 7102	132 1.32	105 - 158 1.05 - 1.58	mg/dL g/L
<b>APOB</b> Apolipoprotein B	Immunoturbidimetric	1 7112	71.9 0.719	57.5 - 86.2 0.575 - 0.862	mg/dL g/L
<b>BILE</b> Total Bile Acids	Enzymatic cycling method	1 2238	9.70	7.76 - 11.6	µmol/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.876 15.0	0.648 - 1.10 11.1 - 18.9	mg/dL µmol/L
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.62 27.7	1.20 - 2.04 20.5 - 34.9	mg/dL µmol/L
<b>CA</b> Calcium	Phosphonazo	1 1181	2.21 8.84	1.96 - 2.45 7.87 - 9.81	mmol/L mg/dL
<b>CL</b> Chloride	Colorimetric	1 1221	108 384	98.5 - 118 349 - 418	mmol/L mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300	145 3.76	125 - 166 3.24 - 4.29	mg/dL mmol/L
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	5952 99.2	4881 - 7024 81.4 - 117	U/L µkat/L
<b>CK</b> Creatine kinase	DGKC, IFCC 37°C	1 1601	164 2.73	131 - 197 2.19 - 3.28	U/L µkat/L
<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	36.0 0.599	28.8 - 43.1 0.479 - 0.719	U/L µkat/L
<b>CREA</b> Creatinine	Jaffé, without compensation	1 1711	1.48 130	1.15 - 1.80 102 - 159	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.34 119	1.05 - 1.64 92.7 - 145	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.33 117	1.04 - 1.62 91.6 - 143	mg/dL µmol/L
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	31.8 0.530	24.8 - 38.8 0.413 - 0.647	U/L µkat/L
<b>GLUC</b> Glucose	GOD-PAP	1 2500	91.4 5.07	76.8 - 106 4.26 - 5.88	mg/dL mmol/L
	HK/G6P-DH	1 2511	88.9 4.94	74.7 - 103 4.15 - 5.73	mg/dL mmol/L

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5 9000 99 10 062 (20 x 5 mL)

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**respons<sup>910</sup>**



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Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
<b>HDLC</b> HDL-Cholesterol	Immuno-inhibition	1 3521	42.4	34.0 - 50.9	mg/dL
			1.10	0.878 - 1.32	mmol/L
	Direct, colorimetric	1 3561	42.7	34.2 - 51.3	mg/dL
			1.10	0.884 - 1.33	mmol/L
<b>HBUT</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.318	0.254 - 0.382	mmol/L
			3.31	2.65 - 3.97	mg/dL
<b>IgA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	175	133 - 217	mg/dL
			1.75	1.33 - 2.17	g/L
<b>IgE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	71.6	57.3 - 85.9	IU/mL
			172	137 - 206	ng/mL
<b>IgG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	836	669 - 1004	mg/dL
			8.36	6.69 - 10.0	g/L
<b>IgM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	79.1	56.9 - 101	mg/dL
			0.791	0.569 - 1.01	g/L
<b>FE</b> Iron	Ferene	1 1911	79.9	68.7 - 91.1	µg/dL
			14.3	12.3 - 16.3	µmol/L
<b>LACT</b> Lactate	LDH UV	1 4001	11.4	8.99 - 13.8	mg/dL
			1.26	0.997 - 1.53	mmol/L
<b>LDH</b> Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	148	122 - 175	U/L
			2.47	2.03 - 2.92	µkat/L
	IFCC, modified	1 4251	148	122 - 175	U/L
			2.47	2.03 - 2.92	µkat/L
<b>LDLC</b> LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	79.6	63.7 - 95.5	mg/dL
			2.06	1.65 - 2.47	mmol/L
	Direct, colorimetric	1 4131	79.0	63.2 - 94.8	mg/dL
			2.04	1.63 - 2.45	mmol/L
<b>LPS</b> Lipase	Colorimetric	1 4321	55.1	44.1 - 66.1	U/L
			0.919	0.735 - 1.10	µkat/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	0.808	0.679 - 0.938	mmol/L
			1.96	1.65 - 2.28	mg/dL
<b>PL</b> Phospholipids	Enzymatic	1 5741	163	131 - 196	mg/dL
			2.11	1.69 - 2.53	mmol/L
<b>PO3</b> Phosphorus	Molybdate UV	1 5211	2.98	2.44 - 3.52	mg/dL
			0.962	0.789 - 1.14	mmol/L
<b>K</b> Potassium	Enzymatic	1 5221	4.24	3.86 - 4.63	mmol/L
			16.6	15.1 - 18.1	mg/dL
<b>Na</b> Sodium	Enzymatic	1 4808	121	114 - 128	mmol/L
			278	261 - 295	mg/dL
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	5.63	5.01 - 6.25	g/dL
			56.3	50.1 - 62.5	g/L
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	213	170 - 255	mg/dL
			2.13	1.70 - 2.55	g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5710	80.5	66.0 - 95.0	mg/dL
			0.906	0.743 - 1.07	mmol/L
<b>UIBC</b> Unsat. Iron Binding Cap.	Ferene	1 1921	228	182 - 273	µg/dL
			40.8	32.6 - 48.9	µmol/L
<b>UREA</b> Urea	Urease UV	1 3101	34.2	26.7 - 41.7	mg/dL
			5.69	4.44 - 6.95	mmol/L
<b>UA</b> Uric Acid	TOOS	1 3001	5.00	4.30 - 5.70	mg/dL
			298	256 - 339	µmol/L



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Cat. No. 5 9000 99 10 061 (6 x 5 mL)  
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 2026-03-31

**respons<sup>®</sup> 920**



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Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
<b>ALB</b>	Bromcresol green	1 0220	3.58	2.75 - 4.40	0.274	g/dL
Albumin			35.8	27.5 - 44.0	2.74	g/L
<b>AP</b>	IFCC 37°C	1 0441	65.3	49.0 - 81.6	5.44	U/L
Alkaline phosphatase			1.09	0.816 - 1.36	0.091	µkat/L
<b>ALT/GPT</b>	IFCC, with pyridoxal phosphate 37°C	1 2701 +	48.5	37.4 - 59.7	3.72	U/L
Alanine aminotransferase	without pyridoxal phosphate 37°C	2 5010	0.809	0.623 - 0.99	0.062	µkat/L
		1 2701	48.2	37.1 - 59.3	3.70	U/L
			0.803	0.619 - 0.99	0.062	µkat/L
<b>AST/GOT</b>	IFCC, with pyridoxal phosphate 37°C	1 2601 +	38.2	29.4 - 47.0	2.93	U/L
Aspartate aminotransferase		2 5010	0.637	0.490 - 0.783	0.049	µkat/L
	without pyridoxal phosphate 37°C	1 2601	39.9	30.7 - 49.0	3.06	U/L
			0.665	0.512 - 0.817	0.051	µkat/L
<b>AMY</b>	EPS G-7	1 0501	71.0	56.8 - 85.2	4.73	U/L
Amylase			1.18	0.947 - 1.42	0.079	µkat/L
<b>PAMY</b>	EPS G-7	1 0551	29.2	23.4 - 35.1	1.95	U/L
Pancreatic amylase			0.487	0.390 - 0.584	0.032	µkat/L
<b>APOA1</b>	Immunoturbidimetric	1 7102	132	105 - 158	8.77	mg/dL
Apolipoprotein A1			1.32	1.05 - 1.58	0.088	g/L
<b>APOB</b>	Immunoturbidimetric	1 7112	71.9	57.5 - 86.2	4.79	mg/dL
Apolipoprotein B			0.719	0.575 - 0.862	0.048	g/L
<b>DBIL</b>	DCA	1 0821	0.876	0.648 - 1.10	0.076	mg/dL
Direct Bilirubin			15.0	11.1 - 18.9	1.30	µmol/L
<b>TBIL</b>	DCA	1 0811	1.62	1.20 - 2.04	0.140	mg/dL
Total Bilirubin			27.7	20.5 - 34.9	2.40	µmol/L
<b>CA</b>	Phosphonazo	1 1181	2.21	1.96 - 2.45	0.081	mmol/L
Calcium			8.84	7.87 - 9.81	0.324	mg/dL
<b>CL</b>	Colorimetric	1 1221	108	98.5 - 118	3.25	mmol/L
Chloride			384	349 - 418	11.5	mg/dL
	Direct ISE	960405	106	96.9 - 116	3.19	mmol/L
			377	343 - 411	11.3	mg/dL
<b>CHOL</b>	CHOD-PAP	1 1300	145	125 - 166	6.79	mg/dL
Cholesterol			3.76	3.24 - 4.29	0.176	mmol/L
<b>CHE</b>	Butyrylthiocholin	1 1401	5952	4881 - 7024	357	U/L
Cholinesterase			99.2	81.4 - 117	5.95	µkat/L
<b>CK</b>	DGKC, IFCC 37°C	1 1601	164	131 - 197	10.9	U/L
Creatine kinase			2.73	2.19 - 3.28	0.182	µkat/L
<b>CKMB</b>	mAK, Immunological method, 37°C	1 1641	36.0	28.8 - 43.1	2.40	U/L
Creatine kinase			0.599	0.479 - 0.719	0.040	µkat/L
<b>CREA</b>	Jaffé, without compensation	1 1711	1.48	1.15 - 1.80	0.108	mg/dL
Creatinine			130	102 - 159	9.57	µmol/L
	Jaffé, with compensation	1 1711	1.34	1.05 - 1.64	0.099	mg/dL
			119	92.7 - 145	8.71	µmol/L
	Enzymatic PAP	1 1759	1.33	1.04 - 1.62	0.097	mg/dL
			117	91.6 - 143	8.62	µmol/L
<b>GGT</b>	IFCC, DGKC 1994 37°C	1 2801	31.8	24.8 - 38.8	2.33	U/L
γ-Glutamyltransferase			0.530	0.413 - 0.647	0.039	µkat/L
<b>GLUC</b>	GOD-PAP	1 2500	91.4	76.8 - 106	4.88	mg/dL
Glucose			5.07	4.26 - 5.88	0.271	mmol/L
	HK/G6P-DH	1 2511	88.9	74.7 - 103	4.74	mg/dL
			4.94	4.15 - 5.73	0.263	mmol/L
<b>HDLC</b>	Immunoinhibition	1 3521	42.4	34.0 - 50.9	2.83	mg/dL
HDL-Cholesterol			1.10	0.878 - 1.32	0.073	mmol/L
	Direct, colorimetric	1 3561	42.7	34.2 - 51.3	2.85	mg/dL
			1.10	0.884 - 1.33	0.074	mmol/L

# TruLab N

# LOT 33772



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

2026-03-31

## 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 ID	Value	Range	1 SD	Unit
<b>HBUT</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.318 3.31	0.254 - 0.382 2.65 - 3.97	0.021 0.221	mmol/L mg/dL
<b>IgA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	175 1.75	133 - 217 1.33 - 2.17	14.0 0.140	mg/dL g/L
<b>IgE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	71.6 172	57.3 - 85.9 137 - 206	4.77 11.5	IU/mL ng/mL
<b>IgG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	836 8.36	669 - 1004 6.69 - 10.0	55.8 0.558	mg/dL g/L
<b>IgM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	79.1 0.791	56.9 - 101 0.569 - 1.01	7.38 0.074	mg/dL g/L
<b>FE</b> Iron	Ferene	1 1911	80.2 14.4	68.9 - 91.4 12.3 - 16.4	3.74 0.670	µg/dL µmol/L
<b>LACT</b> Lactate	LDH UV	1 4001	11.4 1.26	8.99 - 13.8 0.997 - 1.53	0.796 0.088	mg/dL mmol/L
<b>LDH</b> Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	148 2.47	122 - 175 2.03 - 2.92	8.89 0.148	U/L µkat/L
	IFCC, modified	1 4251	148 2.47	122 - 175 2.03 - 2.92	8.90 0.148	U/L µkat/L
<b>LDLC</b> LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	81.1 2.10	64.9 - 97.3 1.68 - 2.52	5.41 0.140	mg/dL mmol/L
	Direct, colorimetric	1 4131	79.5 2.06	63.6 - 95.4 1.64 - 2.47	5.30 0.137	mg/dL mmol/L
<b>LPS</b> Lipase	Colorimetric	1 4321	55.1 0.919	44.1 - 66.1 0.735 - 1.10	3.67 0.061	U/L µkat/L
<b>LI</b> Lithium	Direct ISE	960406	0.972 0.675	0.836 - 1.11 0.580 - 0.769	0.045 0.031	mmol/L mg/dL
<b>MG</b> Magnesium	Xylydyl blue	1 4610	0.808 1.96	0.679 - 0.938 1.65 - 2.28	0.043 0.105	mmol/L mg/dL
<b>PO3</b> Phosphorus	Molybdate UV	1 5211	2.98 0.962	2.44 - 3.52 0.789 - 1.14	0.179 0.058	mg/dL mmol/L
<b>K</b> Potassium	Enzymatic	1 5221	4.24 16.6	3.86 - 4.63 15.1 - 18.1	0.127 0.498	mmol/L mg/dL
	Direct ISE	960403	4.02 15.7	3.66 - 4.38 14.3 - 17.1	0.121 0.471	mmol/L mg/dL
<b>Na</b> Sodium	Enzymatic	1 4808	121 278	114 - 128 261 - 295	2.42 5.56	mmol/L mg/dL
	Direct ISE	960402	135 311	127 - 144 293 - 330	2.71 6.23	mmol/L mg/dL
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	5.63 56.3	5.01 - 6.25 50.1 - 62.5	0.206 2.06	g/dL g/L
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	213 2.13	170 - 255 1.70 - 2.55	14.2 0.142	mg/dL g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5710	80.5 0.906	66.0 - 95.0 0.743 - 1.07	4.83 0.054	mg/dL mmol/L
<b>UIBC</b> Unsat.Iron Binding Cap.	Ferene	1 1921	228 40.8	182 - 273 32.6 - 48.9	15.2 2.72	µg/dL µmol/L
<b>UREA</b> Urea	Urease UV	1 3101	34.2 5.69	26.7 - 41.7 4.44 - 6.95	2.51 0.417	mg/dL mmol/L
<b>UA</b> Uric Acid	TOOS	1 3001	5.00 298	4.30 - 5.70 256 - 339	0.233 13.9	mg/dL µmol/L



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



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

 2026-03-31

**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 ID	Value	Range	1 SD	Unit
<b>ALB</b>	Bromcresol green	1 0220	3.58	2.75 - 4.40	0.274	g/dL
Albumin			35.8	27.5 - 44.0	2.74	g/L
<b>AP</b>	IFCC 37°C	1 0441	65.3	49.0 - 81.6	5.44	U/L
Alkaline phosphatase			1.09	0.816 - 1.36	0.091	µkat/L
<b>ALT/GPT</b>	IFCC, with pyridoxal phosphate 37°C	1 2701 +	48.5	37.4 - 59.7	3.72	U/L
Alanine aminotransferase	without pyridoxal phosphate 37°C	2 5010	0.809	0.623 - 0.99	0.062	µkat/L
		1 2701	48.2	37.1 - 59.3	3.70	U/L
			0.803	0.619 - 0.99	0.062	µkat/L
<b>AST/GOT</b>	IFCC, with pyridoxal phosphate 37°C	1 2601 +	38.2	29.4 - 47.0	2.93	U/L
Aspartate aminotransferase		2 5010	0.637	0.490 - 0.783	0.049	µkat/L
	without pyridoxal phosphate 37°C	1 2601	39.9	30.7 - 49.0	3.06	U/L
			0.665	0.512 - 0.817	0.051	µkat/L
<b>AMY</b>	EPS G-7	1 0501	71.0	56.8 - 85.2	4.73	U/L
Amylase			1.18	0.947 - 1.42	0.079	µkat/L
<b>PAMY</b>	EPS G-7	1 0551	29.2	23.4 - 35.1	1.95	U/L
Pancreatic amylase			0.487	0.390 - 0.584	0.032	µkat/L
<b>APOA1</b>	Immunoturbidimetric	1 7102	132	105 - 158	8.77	mg/dL
Apolipoprotein A1			1.32	1.05 - 1.58	0.088	g/L
<b>APOB</b>	Immunoturbidimetric	1 7112	71.9	57.5 - 86.2	4.79	mg/dL
Apolipoprotein B			0.719	0.575 - 0.862	0.048	g/L
<b>DBIL</b>	DCA	1 0821	0.876	0.648 - 1.10	0.076	mg/dL
Direct Bilirubin			15.0	11.1 - 18.9	1.30	µmol/L
<b>TBIL</b>	DCA	1 0811	1.62	1.20 - 2.04	0.140	mg/dL
Total Bilirubin			27.7	20.5 - 34.9	2.40	µmol/L
<b>CA</b>	Phosphonazo	1 1181	2.21	1.96 - 2.45	0.081	mmol/L
Calcium			8.84	7.87 - 9.81	0.324	mg/dL
<b>CL</b>	Colorimetric	1 1221	108	98.5 - 118	3.25	mmol/L
Chloride			384	349 - 418	11.5	mg/dL
	Direct ISE	960405	106	96.9 - 116	3.19	mmol/L
			377	343 - 411	11.3	mg/dL
<b>CHOL</b>	CHOD-PAP	1 1300	145	125 - 166	6.79	mg/dL
Cholesterol			3.76	3.24 - 4.29	0.176	mmol/L
<b>CHE</b>	Butyrylthiocholin	1 1401	5952	4881 - 7024	357	U/L
Cholinesterase			99.2	81.4 - 117	5.95	µkat/L
<b>CK</b>	DGKC, IFCC 37°C	1 1601	164	131 - 197	10.9	U/L
Creatine kinase			2.73	2.19 - 3.28	0.182	µkat/L
<b>CKMB</b>	mAK, Immunological method, 37°C	1 1641	36.0	28.8 - 43.1	2.40	U/L
Creatine kinase			0.599	0.479 - 0.719	0.040	µkat/L
<b>CREA</b>	Jaffé, without compensation	1 1711	1.48	1.15 - 1.80	0.108	mg/dL
Creatinine			130	102 - 159	9.57	µmol/L
	Jaffé, with compensation	1 1711	1.34	1.05 - 1.64	0.099	mg/dL
			119	92.7 - 145	8.71	µmol/L
	Enzymatic PAP	1 1759	1.33	1.04 - 1.62	0.097	mg/dL
			117	91.6 - 143	8.62	µmol/L
<b>GGT</b>	IFCC, DGKC 1994 37°C	1 2801	31.8	24.8 - 38.8	2.33	U/L
γ-Glutamyltransferase			0.530	0.413 - 0.647	0.039	µkat/L
<b>GLUC</b>	GOD-PAP	1 2500	91.4	76.8 - 106	4.88	mg/dL
Glucose			5.07	4.26 - 5.88	0.271	mmol/L
	HK/G6P-DH	1 2511	88.9	74.7 - 103	4.74	mg/dL
			4.94	4.15 - 5.73	0.263	mmol/L
<b>HDLC</b>	Immuno-inhibition	1 3521	42.4	34.0 - 50.9	2.83	mg/dL
HDL-Cholesterol			1.10	0.878 - 1.32	0.073	mmol/L
	Direct, colorimetric	1 3561	42.7	34.2 - 51.3	2.85	mg/dL
			1.10	0.884 - 1.33	0.074	mmol/L

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

 2026-03-31

**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 ID	Value	Range	1 SD	Unit
<b>HBUT</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.318 3.31	0.254 - 0.382 2.65 - 3.97	0.021 0.221	mmol/L mg/dL
<b>IgA</b> Immunoglobulin A	Immunoturbidimetric	1 7202	175 1.75	133 - 217 1.33 - 2.17	14.0 0.140	mg/dL g/L
<b>IgE</b> Immunoglobulin E	Immunoturbidimetric	1 7239	71.6 172	57.3 - 85.9 137 - 206	4.77 11.5	IU/mL ng/mL
<b>IgG</b> Immunoglobulin G	Immunoturbidimetric	1 7212	836 8.36	669 - 1004 6.69 - 10.0	55.8 0.558	mg/dL g/L
<b>IgM</b> Immunoglobulin M	Immunoturbidimetric	1 7222	79.1 0.791	56.9 - 101 0.569 - 1.01	7.38 0.074	mg/dL g/L
<b>FE</b> Iron	Ferene	1 1911	80.2 14.4	68.9 - 91.4 12.3 - 16.4	3.74 0.670	µg/dL µmol/L
<b>LACT</b> Lactate	LDH UV	1 4001	11.4 1.26	8.99 - 13.8 0.997 - 1.53	0.796 0.088	mg/dL mmol/L
<b>LDH</b> Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	148 2.47	122 - 175 2.03 - 2.92	8.89 0.148	U/L µkat/L
	IFCC, modified	1 4251	148 2.47	122 - 175 2.03 - 2.92	8.90 0.148	U/L µkat/L
<b>LDLC</b> LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	81.1 2.10	64.9 - 97.3 1.68 - 2.52	5.41 0.140	mg/dL mmol/L
	Direct, colorimetric	1 4131	79.5 2.06	63.6 - 95.4 1.64 - 2.47	5.30 0.137	mg/dL mmol/L
<b>LPS</b> Lipase	Colorimetric	1 4321	55.1 0.919	44.1 - 66.1 0.735 - 1.10	3.67 0.061	U/L µkat/L
<b>LI</b> Lithium	Direct ISE	960406	0.972 0.675	0.836 - 1.11 0.580 - 0.769	0.045 0.031	mmol/L mg/dL
<b>MG</b> Magnesium	Xylidyl blue	1 4610	0.808 1.96	0.679 - 0.938 1.65 - 2.28	0.043 0.105	mmol/L mg/dL
<b>PO3</b> Phosphorus	Molybdate UV	1 5211	2.98 0.962	2.44 - 3.52 0.789 - 1.14	0.179 0.058	mg/dL mmol/L
<b>K</b> Potassium	Enzymatic	1 5221	4.24 16.6	3.86 - 4.63 15.1 - 18.1	0.127 0.498	mmol/L mg/dL
	Direct ISE	960403	4.02 15.7	3.66 - 4.38 14.3 - 17.1	0.121 0.471	mmol/L mg/dL
<b>Na</b> Sodium	Enzymatic	1 4808	121 278	114 - 128 261 - 295	2.42 5.56	mmol/L mg/dL
	Direct ISE	960402	135 311	127 - 144 293 - 330	2.71 6.23	mmol/L mg/dL
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	5.63 56.3	5.01 - 6.25 50.1 - 62.5	0.206 2.06	g/dL g/L
<b>TRF</b> Transferrin	Immunoturbidimetric	1 7252	213 2.13	170 - 255 1.70 - 2.55	14.2 0.142	mg/dL g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5710	80.5 0.906	66.0 - 95.0 0.743 - 1.07	4.83 0.054	mg/dL mmol/L
<b>UIBC</b> Unsat.Iron Binding Cap.	Ferene	1 1921	228 40.8	182 - 273 32.6 - 48.9	15.2 2.72	µg/dL µmol/L
<b>UREA</b> Urea	Urease UV	1 3101	34.2 5.69	26.7 - 41.7 4.44 - 6.95	2.51 0.417	mg/dL mmol/L
<b>UA</b> Uric Acid	TOOS	1 3001	5.00 298	4.30 - 5.70 256 - 339	0.233 13.9	mg/dL µmol/L




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# TruLab N

**LOT** 33772

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

 2026-03-31

**BioMajesty**<sup>®</sup>



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 ID	Value	Range	1 SD	Unit
<b>ALB</b> Albumin	Bromcresol green	1 0220	3.58 35.8	2.75 - 4.40 27.5 - 44.0	0.274 2.74	g/dL g/L
<b>AP</b> Alkaline phosphatase	IFCC 37°C	1 0441	65.3 1.09	49.0 - 81.6 0.816 - 1.36	5.44 0.091	U/L µkat/L
<b>ALT/GPT</b> Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 + 2 5010	48.5 0.809	37.4 - 59.7 0.623 - 0.99	3.72 0.062	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	48.2 0.803	37.1 - 59.3 0.619 - 0.99	3.70 0.062	U/L µkat/L
<b>AST/GOT</b> Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 + 2 5010	38.2 0.637	29.4 - 47.0 0.490 - 0.783	2.93 0.049	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	39.9 0.665	30.7 - 49.0 0.512 - 0.817	3.06 0.051	U/L µkat/L
<b>AMY</b> Amylase	EPS G-7	1 0501	71.0 1.18	56.8 - 85.2 0.947 - 1.42	4.73 0.079	U/L µkat/L
<b>PAMY</b> Pancreatic amylase	EPS G-7	1 0551	29.2 0.487	23.4 - 35.1 0.390 - 0.584	1.95 0.032	U/L µkat/L
<b>APOA1</b> Apolipoprotein A1	Immunoturbidimetric	1 7102	132 1.32	105 - 158 1.05 - 1.58	8.77 0.088	mg/dL g/L
<b>APOB</b> Apolipoprotein B	Immunoturbidimetric	1 7112	71.9 0.719	57.5 - 86.2 0.575 - 0.862	4.79 0.048	mg/dL g/L
<b>DBIL</b> Direct Bilirubin	DCA	1 0821	0.876 15.0	0.648 - 1.10 11.1 - 18.9	0.076 1.30	mg/dL µmol/L
<b>TBIL</b> Total Bilirubin	DCA	1 0811	1.62 27.7	1.20 - 2.04 20.5 - 34.9	0.140 2.40	mg/dL µmol/L
<b>CA</b> Calcium	Phosphonazo	1 1181	2.21 8.84	1.96 - 2.45 7.87 - 9.81	0.081 0.324	mmol/L mg/dL
<b>CL</b> Chloride	Indirect ISE	980132	104 370	95.0 - 114 337 - 403	3.13 11.1	mmol/L mg/dL
<b>CHOL</b> Cholesterol	CHOD-PAP	1 1300	145 3.76	125 - 166 3.24 - 4.29	6.79 0.176	mg/dL mmol/L
<b>CHE</b> Cholinesterase	Butyrylthiocholin	1 1401	5952 99.2	4881 - 7024 81.4 - 117	357 5.95	U/L µkat/L
<b>CK</b> Creatine kinase	DGKC, IFCC 37°C	1 1601	164 2.73	131 - 197 2.19 - 3.28	10.9 0.182	U/L µkat/L
<b>CKMB</b> Creatine kinase	mAK, Immunological method, 37°C	1 1641	36.0 0.599	28.8 - 43.1 0.479 - 0.719	2.40 0.040	U/L µkat/L
<b>CREA</b> Creatinine	Jaffé, without compensation	1 1711	1.48 130	1.15 - 1.80 102 - 159	0.108 9.57	mg/dL µmol/L
	Jaffé, with compensation	1 1711	1.34 119	1.05 - 1.64 92.7 - 145	0.099 8.71	mg/dL µmol/L
	Enzymatic PAP	1 1759	1.33 117	1.04 - 1.62 91.6 - 143	0.097 8.62	mg/dL µmol/L
<b>GGT</b> γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	31.8 0.530	24.8 - 38.8 0.413 - 0.647	2.33 0.039	U/L µkat/L
<b>GLUC</b> Glucose	HK/G6P-DH	1 2511	88.9 4.94	74.7 - 103 4.15 - 5.73	4.74 0.263	mg/dL mmol/L

# TruLab N

# LOT 33772

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

 2026-03-31

## 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 ID	Value	Range	1 SD	Unit
<b>HDLC</b> HDL-Cholesterol	Immuno-inhibition	1 3521	42.4	34.0 - 50.9	2.83	mg/dL
	Direct, colorimetric	1 3561	1.10	0.878 - 1.32	0.073	mmol/L
<b>HBUT</b> β-Hydroxybutyrate	β-HBDH 37°C	1 3711	42.7	34.2 - 51.3	2.85	mg/dL
			1.10	0.884 - 1.33	0.074	mmol/L
<b>IgA</b> Immunoglobulin A	Immuno-turbidimetric	1 7202	0.318	0.254 - 0.382	0.021	mmol/L
			3.31	2.65 - 3.97	0.221	mg/dL
<b>IgE</b> Immunoglobulin E	Immuno-turbidimetric	1 7239	175	133 - 217	14.0	mg/dL
			1.75	1.33 - 2.17	0.140	g/L
<b>IgG</b> Immunoglobulin G	Immuno-turbidimetric	1 7212	71.6	57.3 - 85.9	4.77	IU/mL
			172	137 - 206	11.5	ng/mL
<b>IgM</b> Immunoglobulin M	Immuno-turbidimetric	1 7222	836	669 - 1004	55.8	mg/dL
			8.36	6.69 - 10.0	0.558	g/L
<b>FE</b> Iron	Ferene	1 1911	79.1	56.9 - 101	7.38	mg/dL
			0.791	0.569 - 1.01	0.074	g/L
<b>LACT</b> Lactate	LDH UV	1 4001	79.9	68.7 - 91.1	3.73	µg/dL
			14.3	12.3 - 16.3	0.668	µmol/L
<b>LDH</b> Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	11.4	8.99 - 13.8	0.796	mg/dL
	IFCC, modified	1 4251	1.26	0.997 - 1.53	0.088	mmol/L
<b>LDLC</b> LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	148	122 - 175	8.89	U/L
	Direct, colorimetric	1 4131	2.47	2.03 - 2.92	0.148	µkat/L
<b>LPS</b> Lipase	Colorimetric	1 4321	148	122 - 175	8.90	U/L
			2.47	2.03 - 2.92	0.148	µkat/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	79.6	63.7 - 95.5	5.31	mg/dL
			2.06	1.65 - 2.47	0.137	mmol/L
<b>PL</b> Phospholipids	Enzymatic	1 5741	79.0	63.2 - 94.8	5.27	mg/dL
			2.04	1.63 - 2.45	0.136	mmol/L
<b>PO3</b> Phosphorus	Molybdate UV	1 5211	55.1	44.1 - 66.1	3.67	U/L
			0.919	0.735 - 1.10	0.061	µkat/L
<b>K</b> Potassium	Indirect ISE	980131	0.808	0.679 - 0.938	0.043	mmol/L
			1.96	1.65 - 2.28	0.105	mg/dL
<b>Na</b> Sodium	Indirect ISE	980130	163	131 - 196	10.9	mg/dL
			2.11	1.69 - 2.53	0.141	mmol/L
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	2.98	2.44 - 3.52	0.179	mg/dL
			0.962	0.789 - 1.14	0.058	mmol/L
<b>TRF</b> Transferrin	Immuno-turbidimetric	1 7252	3.95	3.59 - 4.30	0.118	mmol/L
			15.4	14.0 - 16.8	0.463	mg/dL
<b>TRIG</b> Triglycerides	GPO-PAP	1 5710	128	121 - 136	2.57	mmol/L
			295	277 - 313	5.90	mg/dL
<b>UIBC</b> Unsat.Iron Binding Cap.	Ferene	1 1921	5.63	5.01 - 6.25	0.206	g/dL
			56.3	50.1 - 62.5	2.06	g/L
<b>UREA</b> Urea	Urease UV	1 3101	213	170 - 255	14.2	mg/dL
			2.13	1.70 - 2.55	0.142	g/L
<b>UA</b> Uric Acid	TOOS	1 3001	80.5	66.0 - 95.0	4.83	mg/dL
			0.906	0.743 - 1.07	0.054	mmol/L



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