

TruLab P

LOT 29213

Cat. No. 5 9050 99 10 061 (6 x 5 mL)
5 9050 99 10 062 (20 x 5 mL)



2022-02-28



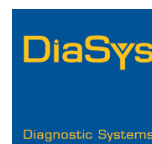
Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	5.24	4.03 - 6.44	g/dL
			52.4	40.3 - 64.4	g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	165	124 - 206	U/L
			2.75	2.06 - 3.43	µkat/L
	DGKC 1970 37°C	1 0401	261	196 - 326	U/L
			4.35	3.26 - 5.44	µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	115	88.9 - 142	U/L
			2 5010	1.92	1.48 - 2.37
	without pyridoxal phosphate 37°C	1 2701	115	88.8 - 142	U/L
			1.92	1.48 - 2.36	µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	153	118 - 188	U/L
			2 5010	2.55	1.96 - 3.13
	without pyridoxal phosphate 37°C	1 2601	158	122 - 194	U/L
			2.63	2.03 - 3.24	µkat/L
AMY Amylase	EPS G-7	1 0501	197	157 - 236	U/L
			3.28	2.62 - 3.93	µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	97.1	77.7 - 116	U/L
			1.62	1.29 - 1.94	µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	200	160 - 240	mg/dL
			2.00	1.60 - 2.40	g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	109	87.2 - 131	mg/dL
			1.09	0.872 - 1.31	g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	33.6	26.9 - 40.3	µmol/L
DBIL Direct Bilirubin	DCA	1 0821	1.54	1.14 - 1.94	mg/dL
			26.3	19.5 - 33.2	µmol/L
	Jendrassik-Grof	1 0849	1.55	1.15 - 1.96	mg/dL
			26.5	19.6 - 33.4	µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.29	3.17 - 5.40	mg/dL
			73.3	54.3 - 92.4	µmol/L
	Jendrassik-Grof	1 0849	4.93	3.65 - 6.21	mg/dL
			84.3	62.4 - 106	µmol/L
CA Calcium	Arsenazo	1 1130	2.87	2.55 - 3.19	mmol/L
			11.5	10.2 - 12.8	mg/dL
	Phosphonazo	1 1181	2.90	2.58 - 3.22	mmol/L
			11.6	10.4 - 12.9	mg/dL
CL Chloride	Colorimetric	1 1221	136	124 - 148	mmol/L
			482	439 - 526	mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300 +	213	183 - 242	mg/dL
			1 1350	5.50	4.73 - 6.27
CHE Cholinesterase	Butyrylthiocholin	1 1401	8974	7358 - 10589	U/L
			150	123 - 176	µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	236	189 - 284	U/L
			3.94	3.15 - 4.73	µkat/L

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5 9050 99 10 062 (20 x 5 mL)



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Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	53.0	42.4 - 63.6	U/L
			0.884	0.707 - 1.06	µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.60	3.59 - 5.61	mg/dL
			407	317 - 496	µmol/L
	Jaffé, with compensation	1 1711	4.81	3.75 - 5.87	mg/dL
			425	332 - 519	µmol/L
Enzymatic PAP	1 1759	4.65	3.62 - 5.67	mg/dL	
		411	320 - 501	µmol/L	
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	92.0	71.7 - 112	U/L
			1.53	1.20 - 1.87	µkat/L
	Szasz 37°C	1 2801	81.4	63.5 - 99.3	U/L
GLDH Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	25.0	20.0 - 30.0	U/L
			0.416	0.333 - 0.499	µkat/L
			GLUC Glucose	GOD-PAP	1 2500 +
14.5	12.2 - 16.8	mmol/L			
HK/G6P-DH	1 2511	257	216 - 298		
		14.3	12.0 - 16.6	mmol/L	
Gluc-DH	1 2531	262	220 - 304	mg/dL	
		14.6	12.2 - 16.9	mmol/L	
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	247	198 - 297	U/L
			4.12	3.30 - 4.94	µkat/L
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	59.1	50.8 - 67.3	mg/dL
			1.53	1.31 - 1.74	mmol/L
			Direct, colorimetric	1 3561	62.4
1.61	1.39 - 1.84	mmol/L			
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.907	0.725 - 1.09	mmol/L
			9.44	7.55 - 11.3	mg/dL
	β-HBDH 37°C	1 3711	0.977	0.781 - 1.17	mmol/L
10.2	8.13 - 12.2	mg/dL			
			IgA Immunoglobulin A	Immunoturbidimetric	1 7202
2.47	1.88 - 3.07	g/L			
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	136	109 - 163	IU/mL
			326	261 - 391	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1274	1019 - 1528	mg/dL
			12.7	10.2 - 15.3	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	123	88.4 - 157	mg/dL
			1.23	0.884 - 1.57	g/L
FE Iron	Ferene	1 1911	254	219 - 290	µg/dL
			45.5	39.2 - 51.9	µmol/L
LACT Lactate	LDH UV	1 4001	31.0	24.5 - 37.5	mg/dL
			3.44	2.71 - 4.16	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	265	217 - 313	U/L
			4.42	3.62 - 5.21	µkat/L
	DGKC opt. 1970 37°C	1 4201	430	352 - 507	U/L
7.16	5.87 - 8.45	µkat/L			

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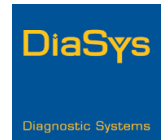
Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	122	105 - 140	mg/dL
			3.17	2.72 - 3.61	mmol/L
	Direct, colorimetric	1 4131	128	110 - 146	mg/dL
			3.30	2.84 - 3.76	mmol/L
LPS Lipase	Colorimetric	1 4321	87.2	69.8 - 105	U/L
			1.45	1.16 - 1.74	µkat/L
MG Magnesium	Xylidyl blue	1 4610	1.79	1.51 - 2.08	mmol/L
			4.36	3.66 - 5.06	mg/dL
PL Phospholipids	Enzymatic	1 5741	243	195 - 292	mg/dL
			3.14	2.51 - 3.77	mmol/L
PO3 Phosphorus	Molybdate UV, substrate start	1 5211	6.50	5.33 - 7.67	mg/dL
			2.10	1.72 - 2.48	mmol/L
			Molybdate UV, sample start	1 5211	6.45
			2.08	1.71 - 2.46	mmol/L
K Potassium	Enzymatic	1 5221	6.78	6.17 - 7.39	mmol/L
			26.5	24.1 - 28.9	mg/dL
Na Sodium	Enzymatic	1 4808	156	146 - 165	mmol/L
			358	336 - 379	mg/dL
TP Total Protein	Biuret, without sample blank	1 2311	9.39	8.35 - 10.4	g/dL
			93.9	83.5 - 104	g/L
			Biuret, with sample blank	1 2311	8.43
			84.3	75.0 - 93.6	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	324	259 - 389	mg/dL
			3.24	2.59 - 3.89	g/L
TRIG Triglycerides	GPO-PAP	1 5760	168	138 - 199	mg/dL
			1 5710	1.90	1.55 - 2.24
UREA Urea	Urease UV	1 3101	151	118 - 184	mg/dL
			25.1	19.6 - 30.6	mmol/L
			Colorimetric, Berthelot	1 3115	162
			26.9	21.0 - 32.8	mmol/L
UA Uric Acid	TBHBA	1 3021	6.76	5.81 - 7.70	mg/dL
			402	346 - 458	µmol/L
	TOOS	1 3001	6.74	5.80 - 7.68	mg/dL
			401	345 - 457	µmol/L



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

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Sensostar **Sensostar**
GLHsix GL30 touch



IVD

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

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
GLUC	Amperometric	Biosensor	*	-	mg/dL
Glucose				-	mmol/L
LACT	Amperometric	Biosensor	*	-	mg/dL
Lactate				-	mmol/L



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5 9050 99 10 062 (20 x 5 mL)

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respons[®]910



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

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	5.24 52.4	4.03 - 6.44 40.3 - 64.4	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	165 2.75	124 - 206 2.06 - 3.43	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	115	88.9 - 142	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	1.92 115 1.92	1.48 - 2.37 88.8 - 142 1.48 - 2.36	µkat/L U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	153	118 - 188	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	2.55 158 2.63	1.96 - 3.13 122 - 194 2.03 - 3.24	µkat/L U/L µkat/L
AMY Amylase	EPS G-7	1 0501	197 3.28	157 - 236 2.62 - 3.93	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	97.1 1.62	77.7 - 116 1.29 - 1.94	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	200 2.00	160 - 240 1.60 - 2.40	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	109 1.09	87.2 - 131 0.872 - 1.31	mg/dL g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	33.6	26.9 - 40.3	µmol/L
DBIL Direct Bilirubin	DCA	1 0821	1.54 26.3	1.14 - 1.94 19.5 - 33.2	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.29 73.3	3.17 - 5.40 54.3 - 92.4	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.90 11.6	2.58 - 3.22 10.4 - 12.9	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	136 482	124 - 148 439 - 526	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	213 5.50	183 - 242 4.73 - 6.27	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	8974 150	7358 - 10589 123 - 176	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	236 3.94	189 - 284 3.15 - 4.73	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	53.0 0.884	42.4 - 63.6 0.707 - 1.06	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.60 407	3.59 - 5.61 317 - 496	mg/dL µmol/L
	Jaffé, with compensation	1 1711	4.81 425	3.75 - 5.87 332 - 519	mg/dL µmol/L
	Enzymatic PAP	1 1759	4.65 411	3.62 - 5.67 320 - 501	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	92.0 1.53	71.7 - 112 1.20 - 1.87	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	261 14.5	219 - 303 12.2 - 16.8	mg/dL mmol/L
	HK/G6P-DH	1 2511	257 14.3	216 - 298 12.0 - 16.6	mg/dL mmol/L
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	59.1 1.53	50.8 - 67.3 1.31 - 1.74	mg/dL mmol/L
	Direct, colorimetric	1 3561	62.4 1.61	53.6 - 71.1 1.39 - 1.84	mg/dL mmol/L

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respons[®]910



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Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.907	0.725 - 1.09	mmol/L
			9.44	7.55 - 11.3	mg/dL
	β-HBDH 37°C	1 3711	0.977	0.781 - 1.17	mmol/L
			10.2	8.13 - 12.2	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	247	188 - 307	mg/dL
			2.47	1.88 - 3.07	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	136	109 - 163	IU/mL
			326	261 - 391	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1274	1019 - 1528	mg/dL
			12.7	10.2 - 15.3	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	123	88.4 - 157	mg/dL
			1.23	0.884 - 1.57	g/L
FE Iron	Ferene	1 1911	254	219 - 290	µg/dL
			45.5	39.2 - 51.9	µmol/L
LACT Lactate	LDH UV	1 4001	31.0	24.5 - 37.5	mg/dL
			3.44	2.71 - 4.16	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	265	217 - 313	U/L
			4.42	3.62 - 5.21	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	122	105 - 140	mg/dL
			3.17	2.72 - 3.61	mmol/L
	Direct, colorimetric	1 4131	128	110 - 146	mg/dL
			3.30	2.84 - 3.76	mmol/L
LPS Lipase	Colorimetric	1 4321	87.2	69.8 - 105	U/L
			1.45	1.16 - 1.74	µkat/L
MG Magnesium	Xylidyl blue	1 4610	1.79	1.51 - 2.08	mmol/L
			4.36	3.66 - 5.06	mg/dL
PL Phospholipids	Enzymatic	1 5741	243	195 - 292	mg/dL
			3.14	2.51 - 3.77	mmol/L
PO3 Phosphorus	Molybdate UV	1 5211	6.50	5.33 - 7.67	mg/dL
			2.10	1.72 - 2.48	mmol/L
K Potassium	Enzymatic	1 5221	6.78	6.17 - 7.39	mmol/L
			26.5	24.1 - 28.9	mg/dL
Na Sodium	Enzymatic	1 4808	156	146 - 165	mmol/L
			358	336 - 379	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.43	7.50 - 9.36	g/dL
			84.3	75.0 - 93.6	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	324	259 - 389	mg/dL
			3.24	2.59 - 3.89	g/L
TRIG Triglycerides	GPO-PAP	1 5710	168	138 - 199	mg/dL
			1.90	1.55 - 2.24	mmol/L
UREA Urea	Urease UV	1 3101	151	118 - 184	mg/dL
			25.1	19.6 - 30.6	mmol/L
UA Uric Acid	TOOS	1 3001	6.74	5.80 - 7.68	mg/dL
			401	345 - 457	µmol/L



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Cat. No. 5 9050 99 10 061 (6 x 5 mL)
5 9050 99 10 062 (20 x 5 mL)

2022-02-28

respons[®] 920



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

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromcresol green	1 0220	5.24 52.4	4.03 - 6.44 40.3 - 64.4	0.401 4.01	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	165 2.75	124 - 206 2.06 - 3.43	13.7 0.229	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	115	88.9 - 142	8.85	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	1.92 115	1.48 - 2.37 88.8 - 142	0.147 8.84	µkat/L U/L
			1.92	1.48 - 2.36	0.147	µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	153	118 - 188	11.7	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	2.55 158	1.96 - 3.13 122 - 194	0.195 12.1	µkat/L U/L
			2.63	2.03 - 3.24	0.202	µkat/L
AMY Amylase	EPS G-7	1 0501	197 3.28	157 - 236 2.62 - 3.93	13.1 0.219	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	97.1 1.62	77.7 - 116 1.29 - 1.94	6.47 0.108	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	200 2.00	160 - 240 1.60 - 2.40	13.3 0.133	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	109 1.09	87.2 - 131 0.872 - 1.31	7.27 0.073	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	1.54 26.3	1.14 - 1.94 19.5 - 33.2	0.133 2.28	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.29 73.3	3.17 - 5.40 54.3 - 92.4	0.372 6.36	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.90 11.6	2.58 - 3.22 10.4 - 12.9	0.106 0.427	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	136 482	124 - 148 439 - 526	4.08 14.5	mmol/L mg/dL
	Direct ISE	960405	138 490	126 - 151 446 - 534	4.15 14.7	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	213 5.50	183 - 242 4.73 - 6.27	9.92 0.257	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	8974 150	7358 - 10589 123 - 176	538 8.97	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	236 3.94	189 - 284 3.15 - 4.73	15.8 0.263	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	53.0 0.884	42.4 - 63.6 0.707 - 1.06	3.54 0.059	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.60 407	3.59 - 5.61 317 - 496	0.337 29.8	mg/dL µmol/L
	Jaffé, with compensation	1 1711	4.81 425	3.75 - 5.87 332 - 519	0.353 31.2	mg/dL µmol/L
	Enzymatic PAP	1 1759	4.65 411	3.62 - 5.67 320 - 501	0.341 30.1	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	92.0 1.53	71.7 - 112 1.20 - 1.87	6.74 0.112	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	261 14.5	219 - 303 12.2 - 16.8	13.9 0.772	mg/dL mmol/L
	HK/G6P-DH	1 2511	257 14.3	216 - 298 12.0 - 16.6	13.7 0.761	mg/dL mmol/L
HDLC HDL-Cholesterol	Immuno-inhibition	1 3521	59.1 1.53	50.8 - 67.3 1.31 - 1.74	2.76 0.071	mg/dL mmol/L
	Direct, colorimetric	1 3561	62.4 1.61	53.6 - 71.1 1.39 - 1.84	2.91 0.075	mg/dL mmol/L

TruLab P

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Cat. No. 5 9050 99 10 061 (6 x 5 mL)
5 9050 99 10 062 (20 x 5 mL)

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respons[®]920



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Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.907	0.725 - 1.09	0.060	mmol/L
			9.44	7.55 - 11.3	0.629	mg/dL
	β-HBDH 37°C	1 3711	0.977	0.781 - 1.17	0.065	mmol/L
			10.2	8.13 - 12.2	0.678	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	247	188 - 307	19.8	mg/dL
			2.47	1.88 - 3.07	0.198	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	136	109 - 163	9.05	IU/mL
			326	261 - 391	21.7	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1274	1019 - 1528	84.9	mg/dL
			12.7	10.2 - 15.3	0.849	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	123	88.4 - 157	11.5	mg/dL
			1.23	0.884 - 1.57	0.115	g/L
FE Iron	Ferene	1 1911	274	236 - 312	12.8	μg/dL
LACT Lactate	LDH UV	1 4001	31.0	24.5 - 37.5	2.17	mg/dL
			3.44	2.71 - 4.16	0.241	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	265	217 - 313	15.9	U/L
			4.42	3.62 - 5.21	0.265	μkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	121	104 - 138	5.65	mg/dL
			3.13	2.69 - 3.57	0.146	mmol/L
			128	110 - 146	5.96	mg/dL
	Direct, colorimetric	1 4131	128	110 - 146	5.96	mg/dL
			3.30	2.84 - 3.76	0.154	mmol/L
LPS Lipase	Colorimetric	1 4321	87.2	69.8 - 105	5.82	U/L
			1.45	1.16 - 1.74	0.097	μkat/L
LI Lithium	Direct ISE	960406	1.82	1.57 - 2.08	0.085	mmol/L
			1.26	1.09 - 1.44	0.059	mg/dL
MG Magnesium	Xylydyl blue	1 4610	1.79	1.51 - 2.08	0.096	mmol/L
			4.36	3.66 - 5.06	0.233	mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	6.50	5.33 - 7.67	0.390	mg/dL
			2.10	1.72 - 2.48	0.126	mmol/L
K Potassium	Enzymatic	1 5221	6.78	6.17 - 7.39	0.203	mmol/L
			26.5	24.1 - 28.9	0.795	mg/dL
			6.20	5.64 - 6.75	0.186	mmol/L
	Direct ISE	960403	24.2	22.0 - 26.4	0.727	mg/dL
Na Sodium	Enzymatic	1 4808	156	146 - 165	3.11	mmol/L
			358	336 - 379	7.16	mg/dL
			164	154 - 173	3.27	mmol/L
	Direct ISE	960402	376	354 - 399	7.52	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.43	7.50 - 9.36	0.309	g/dL
			84.3	75.0 - 93.6	3.09	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	324	259 - 389	21.6	mg/dL
			3.24	2.59 - 3.89	0.216	g/L
TRIG Triglycerides	GPO-PAP	1 5710	168	138 - 199	10.1	mg/dL
			1.90	1.55 - 2.24	0.114	mmol/L
UREA Urea	Urease UV	1 3101	151	118 - 184	11.1	mg/dL
			25.1	19.6 - 30.6	1.84	mmol/L
UA Uric Acid	TOOS	1 3001	6.74	5.80 - 7.68	0.314	mg/dL
			401	345 - 457	18.7	μmol/L



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

TruLab P

LOT 29213



Cat. No. 5 9050 99 10 061 (6 x 5 mL)
5 9050 99 10 062 (20 x 5 mL)

2022-02-28

respons[®]940



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

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromcresol green	1 0220	5.24 52.4	4.03 - 6.44 40.3 - 64.4	0.401 4.01	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	165 2.75	124 - 206 2.06 - 3.43	13.7 0.229	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 + 2 5010	115 1.92	88.9 - 142 1.48 - 2.37	8.85 0.147	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	115 1.92	88.8 - 142 1.48 - 2.36	8.84 0.147	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 + 2 5010	153 2.55	118 - 188 1.96 - 3.13	11.7 0.195	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	158 2.63	122 - 194 2.03 - 3.24	12.1 0.202	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	197 3.28	157 - 236 2.62 - 3.93	13.1 0.219	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	97.1 1.62	77.7 - 116 1.29 - 1.94	6.47 0.108	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	200 2.00	160 - 240 1.60 - 2.40	13.3 0.133	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	109 1.09	87.2 - 131 0.872 - 1.31	7.27 0.073	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	1.54 26.3	1.14 - 1.94 19.5 - 33.2	0.133 2.28	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.29 73.3	3.17 - 5.40 54.3 - 92.4	0.372 6.36	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.90 11.6	2.58 - 3.22 10.4 - 12.9	0.106 0.427	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	136 482	124 - 148 439 - 526	4.08 14.5	mmol/L mg/dL
	Direct ISE	960405	138 490	126 - 151 446 - 534	4.15 14.7	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	213 5.50	183 - 242 4.73 - 6.27	9.92 0.257	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	8974 150	7358 - 10589 123 - 176	538 8.97	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	236 3.94	189 - 284 3.15 - 4.73	15.8 0.263	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	53.0 0.884	42.4 - 63.6 0.707 - 1.06	3.54 0.059	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.60 407	3.59 - 5.61 317 - 496	0.337 29.8	mg/dL µmol/L
	Jaffé, with compensation	1 1711	4.81 425	3.75 - 5.87 332 - 519	0.353 31.2	mg/dL µmol/L
	Enzymatic PAP	1 1759	4.65 411	3.62 - 5.67 320 - 501	0.341 30.1	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	92.0 1.53	71.7 - 112 1.20 - 1.87	6.74 0.112	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	261 14.5	219 - 303 12.2 - 16.8	13.9 0.772	mg/dL mmol/L
	HK/G6P-DH	1 2511	257 14.3	216 - 298 12.0 - 16.6	13.7 0.761	mg/dL mmol/L
HDLC HDL-Cholesterol	Immuno-inhibition	1 3521	59.1 1.53	50.8 - 67.3 1.31 - 1.74	2.76 0.071	mg/dL mmol/L
	Direct, colorimetric	1 3561	62.4 1.61	53.6 - 71.1 1.39 - 1.84	2.91 0.075	mg/dL mmol/L

TruLab P

LOT 29213



Cat. No. 5 9050 99 10 061 (6 x 5 mL)
5 9050 99 10 062 (20 x 5 mL)

2022-02-28

respons[®]940



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

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.907	0.725 - 1.09	0.060	mmol/L
			9.44	7.55 - 11.3	0.629	mg/dL
	β-HBDH 37°C	1 3711	0.977	0.781 - 1.17	0.065	mmol/L
			10.2	8.13 - 12.2	0.678	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	247	188 - 307	19.8	mg/dL
			2.47	1.88 - 3.07	0.198	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	136	109 - 163	9.05	IU/mL
			326	261 - 391	21.7	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1274	1019 - 1528	84.9	mg/dL
			12.7	10.2 - 15.3	0.849	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	123	88.4 - 157	11.5	mg/dL
			1.23	0.884 - 1.57	0.115	g/L
FE Iron	Ferene	1 1911	274	236 - 312	12.8	µg/dL
			49.1	42.2 - 55.9	2.29	µmol/L
LACT Lactate	LDH UV	1 4001	31.0	24.5 - 37.5	2.17	mg/dL
			3.44	2.71 - 4.16	0.241	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	265	217 - 313	15.9	U/L
			4.42	3.62 - 5.21	0.265	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	121	104 - 138	5.65	mg/dL
			3.13	2.69 - 3.57	0.146	mmol/L
			1 4131	128	110 - 146	5.96
			3.30	2.84 - 3.76	0.154	mmol/L
LPS Lipase	Colorimetric	1 4321	87.2	69.8 - 105	5.82	U/L
			1.45	1.16 - 1.74	0.097	µkat/L
LI Lithium	Direct ISE	960406	1.82	1.57 - 2.08	0.085	mmol/L
			1.26	1.09 - 1.44	0.059	mg/dL
MG Magnesium	Xylidyl blue	1 4610	1.79	1.51 - 2.08	0.096	mmol/L
			4.36	3.66 - 5.06	0.233	mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	6.50	5.33 - 7.67	0.390	mg/dL
			2.10	1.72 - 2.48	0.126	mmol/L
K Potassium	Enzymatic	1 5221	6.78	6.17 - 7.39	0.203	mmol/L
			26.5	24.1 - 28.9	0.795	mg/dL
			Direct ISE	960403	6.20	5.64 - 6.75
			24.2	22.0 - 26.4	0.727	mg/dL
Na Sodium	Enzymatic	1 4808	156	146 - 165	3.11	mmol/L
			358	336 - 379	7.16	mg/dL
			Direct ISE	960402	164	154 - 173
			376	354 - 399	7.52	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.43	7.50 - 9.36	0.309	g/dL
			84.3	75.0 - 93.6	3.09	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	324	259 - 389	21.6	mg/dL
			3.24	2.59 - 3.89	0.216	g/L
TRIG Triglycerides	GPO-PAP	1 5710	168	138 - 199	10.1	mg/dL
			1.90	1.55 - 2.24	0.114	mmol/L
UREA Urea	Urease UV	1 3101	151	118 - 184	11.1	mg/dL
			25.1	19.6 - 30.6	1.84	mmol/L
UA Uric Acid	TOOS	1 3001	6.74	5.80 - 7.68	0.314	mg/dL
			401	345 - 457	18.7	µmol/L



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TruLab P

LOT 29213



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5 9050 99 10 062 (20 x 5 mL)

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

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromcresol green	1 0220	5.24 52.4	4.03 - 6.44 40.3 - 64.4	0.401 4.01	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	165 2.75	124 - 206 2.06 - 3.43	13.7 0.229	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	115	88.9 - 142	8.85	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	1.92 115	1.48 - 2.37 88.8 - 142	0.147 8.84	µkat/L U/L
			1.92	1.48 - 2.36	0.147	µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	153	118 - 188	11.7	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	2.55 158	1.96 - 3.13 122 - 194	0.195 12.1	µkat/L U/L
			2.63	2.03 - 3.24	0.202	µkat/L
AMY Amylase	EPS G-7	1 0501	197 3.28	157 - 236 2.62 - 3.93	13.1 0.219	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	97.1 1.62	77.7 - 116 1.29 - 1.94	6.47 0.108	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	200 2.00	160 - 240 1.60 - 2.40	13.3 0.133	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	109 1.09	87.2 - 131 0.872 - 1.31	7.27 0.073	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	1.54 26.3	1.14 - 1.94 19.5 - 33.2	0.133 2.28	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.29 73.3	3.17 - 5.40 54.3 - 92.4	0.372 6.36	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.90 11.6	2.58 - 3.22 10.4 - 12.9	0.106 0.427	mmol/L mg/dL
CL Chloride	Indirect ISE	980132	134 476	122 - 146 433 - 518	4.02 14.3	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	213 5.50	183 - 242 4.73 - 6.27	9.92 0.257	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	8974 150	7358 - 10589 123 - 176	538 8.97	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	236 3.94	189 - 284 3.15 - 4.73	15.8 0.263	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	53.0 0.884	42.4 - 63.6 0.707 - 1.06	3.54 0.059	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.60 407	3.59 - 5.61 317 - 496	0.337 29.8	mg/dL µmol/L
	Jaffé, with compensation	1 1711	4.81 425	3.75 - 5.87 332 - 519	0.353 31.2	mg/dL µmol/L
	Enzymatic PAP	1 1759	4.65 411	3.62 - 5.67 320 - 501	0.341 30.1	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	92.0 1.53	71.7 - 112 1.20 - 1.87	6.74 0.112	U/L µkat/L
GLUC Glucose	HK/G6P-DH	1 2511	257 14.3	216 - 298 12.0 - 16.6	13.7 0.761	mg/dL mmol/L
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	59.1 1.53	50.8 - 67.3 1.31 - 1.74	2.76 0.071	mg/dL mmol/L
	Direct, colorimetric	1 3561	62.4 1.61	53.6 - 71.1 1.39 - 1.84	2.91 0.075	mg/dL mmol/L

Cat. No. 5 9050 99 10 061 (6 x 5 mL)
5 9050 99 10 062 (20 x 5 mL)

 2022-02-28

BioMajesty®



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

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.907	0.725 - 1.09	0.060	mmol/L
			9.44	7.55 - 11.3	0.629	mg/dL
	β-HBDH 37°C	1 3711	0.977	0.781 - 1.17	0.065	mmol/L
			10.2	8.13 - 12.2	0.678	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	247	188 - 307	19.8	mg/dL
			2.47	1.88 - 3.07	0.198	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	136	109 - 163	9.05	IU/mL
			326	261 - 391	21.7	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1274	1019 - 1528	84.9	mg/dL
			12.7	10.2 - 15.3	0.849	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	123	88.4 - 157	11.5	mg/dL
			1.23	0.884 - 1.57	0.115	g/L
FE Iron	Ferene	1 1911	254	219 - 290	11.9	µg/dL
LACT Lactate	LDH UV	1 4001	31.0	24.5 - 37.5	2.17	mg/dL
			3.44	2.71 - 4.16	0.241	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	265	217 - 313	15.9	U/L
			4.42	3.62 - 5.21	0.265	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	122	105 - 140	5.71	mg/dL
			3.17	2.72 - 3.61	0.148	mmol/L
			128	110 - 146	5.96	mg/dL
	Direct, colorimetric	1 4131	128	110 - 146	5.96	mg/dL
			3.30	2.84 - 3.76	0.154	mmol/L
LPS Lipase	Colorimetric	1 4321	87.2	69.8 - 105	5.82	U/L
			1.45	1.16 - 1.74	0.097	µkat/L
MG Magnesium	Xylidyl blue	1 4610	1.79	1.51 - 2.08	0.096	mmol/L
			4.36	3.66 - 5.06	0.233	mg/dL
PL Phospholipids	Enzymatic	1 5741	243	195 - 292	16.2	mg/dL
			3.14	2.51 - 3.77	0.209	mmol/L
PO3 Phosphorus	Molybdate UV	1 5211	6.50	5.33 - 7.67	0.390	mg/dL
			2.10	1.72 - 2.48	0.126	mmol/L
K Potassium	Indirect ISE	980131	6.20	5.64 - 6.75	0.186	mmol/L
			24.2	22.0 - 26.4	0.727	mg/dL
Na Sodium	Indirect ISE	980130	153	144 - 162	3.06	mmol/L
			351	330 - 372	7.03	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.43	7.50 - 9.36	0.309	g/dL
			84.3	75.0 - 93.6	3.09	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	324	259 - 389	21.6	mg/dL
			3.24	2.59 - 3.89	0.216	g/L
TRIG Triglycerides	GPO-PAP	1 5710	168	138 - 199	10.1	mg/dL
			1.90	1.55 - 2.24	0.114	mmol/L
UREA Urea	Urease UV	1 3101	151	118 - 184	11.1	mg/dL
			25.1	19.6 - 30.6	1.84	mmol/L
UA Uric Acid	TOOS	1 3001	6.74	5.80 - 7.68	0.314	mg/dL
			401	345 - 457	18.7	µmol/L



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