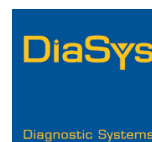


TruLab P

LOT 25895



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



2021-08



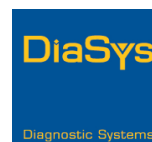
Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	5.15 51.5	3.97 - 6.33 39.7 - 63.3	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	167 2.79	125 - 209 2.09 - 3.48	U/L µkat/L
	DGKC 1970 37°C	1 0401	282 4.70	212 - 353 3.53 - 5.88	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 + 2 5010	122 2.03	93.7 - 150 1.56 - 2.49	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	124 2.06	95.2 - 152 1.59 - 2.54	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 + 2 5010	160 2.67	123 - 197 2.06 - 3.28	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	165 2.74	127 - 202 2.11 - 3.37	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	198 3.30	158 - 237 2.64 - 3.95	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	97.4 1.62	77.9 - 117 1.30 - 1.95	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	205 2.05	164 - 246 1.64 - 2.46	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	100 1.00	80.0 - 120 0.800 - 1.20	mg/dL g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	33.4	26.7 - 40.1	µmol/L
DBIL Direct Bilirubin	DCA	1 0821	1.60 27.3	1.18 - 2.01 20.2 - 34.4	mg/dL µmol/L
	Jendrassik-Grof	1 0849	1.56 26.7	1.16 - 1.97 19.8 - 33.7	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.55 77.9	3.37 - 5.74 57.6 - 98.1	mg/dL µmol/L
	Jendrassik-Grof	1 0849	5.02 85.8	3.71 - 6.32 63.5 - 108	mg/dL µmol/L
CA Calcium	Arsenazo	1 1130	2.90 11.6	2.58 - 3.22 10.3 - 12.9	mmol/L mg/dL
	Phosphonazo	1 1181	2.89 11.6	2.57 - 3.21 10.3 - 12.9	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	140 495	127 - 152 451 - 540	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300 + 1 1350	214 5.53	184 - 244 4.76 - 6.31	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	8993 150	7374 - 10612 123 - 177	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	248 4.14	199 - 298 3.31 - 4.96	U/L µkat/L

TruLab P

LOT 25895



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



2021-08



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	50.4	40.3 - 60.4	U/L
			0.839	0.671 - 1.01	µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.50	3.51 - 5.49	mg/dL
			398	310 - 485	µmol/L
	Jaffé, with compensation	1 1711	4.68	3.65 - 5.71	mg/dL
			414	323 - 505	µmol/L
Enzymatic PAP	1 1759	4.53	3.53 - 5.53	mg/dL	
		401	312 - 489	µmol/L	
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	92.9	72.5 - 113	U/L
			1.55	1.21 - 1.89	µkat/L
	Szasz 37°C	1 2801	82.2	64.1 - 100	U/L
GLDH Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	25.1	20.1 - 30.1	U/L
			0.418	0.335 - 0.502	µkat/L
			1.37	1.07 - 1.67	µkat/L
GLUC Glucose	GOD-PAP	1 2500 +	262	220 - 304	mg/dL
			14.5	12.2 - 16.9	mmol/L
	HK/G6P-DH	1 2511	268	225 - 311	mg/dL
			14.9	12.5 - 17.3	mmol/L
	Gluc-DH	1 2531	264	222 - 306	mg/dL
14.6			12.3 - 17.0	mmol/L	
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	244	195 - 293	U/L
			4.07	3.25 - 4.88	µkat/L
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	59.1	50.8 - 67.4	mg/dL
			1.53	1.31 - 1.74	mmol/L
			Direct, colorimetric	1 3561	62.4
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.924	0.739 - 1.11	mmol/L
			9.62	7.70 - 11.5	mg/dL
	β-HBDH 37°C	1 3711	0.983	0.786 - 1.18	mmol/L
			10.2	8.19 - 12.3	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	263	200 - 326	mg/dL
			2.63	2.00 - 3.26	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134	107 - 161	IU/mL
			322	258 - 386	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1284	1027 - 1541	mg/dL
			12.8	10.3 - 15.4	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.2 - 155	mg/dL
			1.21	0.872 - 1.55	g/L
FE Iron	Ferene	1 1911	257	221 - 293	µg/dL
			46.0	39.6 - 52.5	µmol/L
LACT Lactate	LDH UV	1 4001	30.3	23.9 - 36.6	mg/dL
			3.36	2.65 - 4.07	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	271	222 - 319	U/L
			4.51	3.70 - 5.32	µkat/L
	DGKC opt. 1970 37°C	1 4201	440	361 - 519	U/L
			7.33	6.01 - 8.65	µkat/L

TruLab P

LOT 25895

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



2021-08



IVD

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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	125	107 - 142	mg/dL
			3.23	2.78 - 3.68	mmol/L
	Direct, colorimetric	1 4131	128	110 - 146	mg/dL
			3.30	2.84 - 3.76	mmol/L
LPS Lipase	Colorimetric	1 4321	88.6	70.9 - 106	U/L
			1.48	1.18 - 1.77	µkat/L
MG Magnesium	Xylidyl blue	1 4610	1.75	1.47 - 2.03	mmol/L
			4.25	3.57 - 4.93	mg/dL
PL Phospholipids	Enzymatic	1 5741	247	197 - 296	mg/dL
			3.18	2.54 - 3.82	mmol/L
PO3 Phosphorus	Molybdate UV, substrate start	1 5211	6.41	5.25 - 7.56	mg/dL
			2.07	1.70 - 2.44	mmol/L
	Molybdate UV, sample start	1 5211	6.32	5.18 - 7.46	mg/dL
			2.04	1.67 - 2.41	mmol/L
K Potassium	Enzymatic	1 5221	6.33	5.76 - 6.90	mmol/L
			24.7	22.5 - 27.0	mg/dL
Na Sodium	Enzymatic	1 4808	159	149 - 169	mmol/L
			366	344 - 387	mg/dL
TP Total Protein	Biuret, without sample blank	1 2311	9.27	8.25 - 10.3	g/dL
			92.7	82.5 - 103	g/L
			83.9	74.7 - 93.1	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	348	278 - 418	mg/dL
			3.48	2.78 - 4.18	g/L
TRIG Triglycerides	GPO-PAP	1 5760	171	141 - 202	mg/dL
			1 5710	1.93	1.58 - 2.28
UREA Urea	Urease UV	1 3101	149	116 - 182	mg/dL
			24.8	19.3 - 30.2	mmol/L
			1 3115	163	127 - 199
UA Uric Acid	TBHBA	1 3021	6.80	5.85 - 7.75	mg/dL
			404	348 - 461	µmol/L
	TOOS	1 3001	6.84	5.88 - 7.80	mg/dL
			407	350 - 464	µmol/L



DiaSys Diagnostic Systems GmbH
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TruLab P

LOT 25895



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



2021-08

Sensostar **Sensostar**
GLHsix GL30 touch



IVD

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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
GLUC	Amperometric	Biosensor	295	248 - 343	mg/dL
Glucose			16.4	13.8 - 19.0	mmol/L
LACT	Amperometric	Biosensor	41.4	32.7 - 50.1	mg/dL
Lactate			4.60	3.63 - 5.57	mmol/L



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TruLab P

LOT 25895



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



2021-08

respons⁹¹⁰



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	5.15 51.5	3.97 - 6.33 39.7 - 63.3	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	167 2.79	125 - 209 2.09 - 3.48	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	122	93.7 - 150	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	2.03 124	1.56 - 2.49 95.2 - 152	µkat/L U/L
			2.06	1.59 - 2.54	µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	160	123 - 197	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	2.67 165	2.06 - 3.28 127 - 202	µkat/L U/L
			2.74	2.11 - 3.37	µkat/L
AMY Amylase	EPS G-7	1 0501	198 3.30	158 - 237 2.64 - 3.95	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	97.4 1.62	77.9 - 117 1.30 - 1.95	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	205 2.05	164 - 246 1.64 - 2.46	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	100 1.00	80.0 - 120 0.800 - 1.20	mg/dL g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	33.4	26.7 - 40.1	µmol/L
DBIL Direct Bilirubin	DCA	1 0821	1.60 27.3	1.18 - 2.01 20.2 - 34.4	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.55 77.9	3.37 - 5.74 57.6 - 98.1	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.89 11.6	2.57 - 3.21 10.3 - 12.9	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	140 495	127 - 152 451 - 540	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	214 5.53	184 - 244 4.76 - 6.31	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	8993 150	7374 - 10612 123 - 177	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	248 4.14	199 - 298 3.31 - 4.96	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	50.4 0.839	40.3 - 60.4 0.671 - 1.01	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.50 398	3.51 - 5.49 310 - 485	mg/dL µmol/L
	Jaffé, with compensation	1 1711	4.68 414	3.65 - 5.71 323 - 505	mg/dL µmol/L
	Enzymatic PAP	1 1759	4.53 401	3.53 - 5.53 312 - 489	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	92.9 1.55	72.5 - 113 1.21 - 1.89	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	262 14.5	220 - 304 12.2 - 16.9	mg/dL mmol/L
	HK/G6P-DH	1 2511	268 14.9	225 - 311 12.5 - 17.3	mg/dL mmol/L
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	59.1 1.53	50.8 - 67.4 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

TruLab P

LOT 25895



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



2021-08

respons⁹¹⁰



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.924	0.739 - 1.11	mmol/L
			9.62	7.70 - 11.5	mg/dL
	β-HBDH 37°C	1 3711	0.983	0.786 - 1.18	mmol/L
			10.2	8.19 - 12.3	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	263	200 - 326	mg/dL
			2.63	2.00 - 3.26	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134	107 - 161	IU/mL
			322	258 - 386	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1284	1027 - 1541	mg/dL
			12.8	10.3 - 15.4	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.2 - 155	mg/dL
			1.21	0.872 - 1.55	g/L
FE Iron	Ferene	1 1911	257	221 - 293	μg/dL
			46.0	39.6 - 52.5	μmol/L
LACT Lactate	LDH UV	1 4001	30.3	23.9 - 36.6	mg/dL
			3.36	2.65 - 4.07	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	271	222 - 319	U/L
			4.51	3.70 - 5.32	μkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	125	107 - 142	mg/dL
			3.23	2.78 - 3.68	mmol/L
			128	110 - 146	mg/dL
	Direct, colorimetric	1 4131	3.30	2.84 - 3.76	mmol/L
LPS Lipase	Colorimetric	1 4321	88.6	70.9 - 106	U/L
			1.48	1.18 - 1.77	μkat/L
MG Magnesium	Xylidyl blue	1 4610	1.75	1.47 - 2.03	mmol/L
			4.25	3.57 - 4.93	mg/dL
PL Phospholipids	Enzymatic	1 5741	247	197 - 296	mg/dL
			3.18	2.54 - 3.82	mmol/L
PO3 Phosphorus	Molybdate UV	1 5211	6.41	5.25 - 7.56	mg/dL
			2.07	1.70 - 2.44	mmol/L
K Potassium	Enzymatic	1 5221	6.33	5.76 - 6.90	mmol/L
			24.7	22.5 - 27.0	mg/dL
Na Sodium	Enzymatic	1 4808	159	149 - 169	mmol/L
			366	344 - 387	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.39	7.47 - 9.31	g/dL
			83.9	74.7 - 93.1	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	348	278 - 418	mg/dL
			3.48	2.78 - 4.18	g/L
TRIG Triglycerides	GPO-PAP	1 5710	171	141 - 202	mg/dL
			1.93	1.58 - 2.28	mmol/L
UREA Urea	Urease UV	1 3101	149	116 - 182	mg/dL
			24.8	19.3 - 30.2	mmol/L
UA Uric Acid	TOOS	1 3001	6.84	5.88 - 7.80	mg/dL
			407	350 - 464	μmol/L



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TruLab P

LOT 25895



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



2021-08

respons[®]920



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB	Bromcresol green	1 0220	5.15	3.97 - 6.33	0.395	g/dL
Albumin			51.5	39.7 - 63.3	3.95	g/L
AP	IFCC 37°C	1 0441	167	125 - 209	13.9	U/L
Alkaline phosphatase			2.79	2.09 - 3.48	0.232	µkat/L
ALT/GPT	IFCC, with pyridoxal phosphate 37°C	1 2701 +	122	93.7 - 150	9.33	U/L
Alanine aminotransferase		2 5010	2.03	1.56 - 2.49	0.156	µkat/L
	without pyridoxal phosphate 37°C	1 2701	124	95.2 - 152	9.48	U/L
			2.06	1.59 - 2.54	0.158	µkat/L
AST/GOT	IFCC, with pyridoxal phosphate 37°C	1 2601 +	160	123 - 197	12.3	U/L
Aspartate aminotransferase		2 5010	2.67	2.06 - 3.28	0.205	µkat/L
	without pyridoxal phosphate 37°C	1 2601	165	127 - 202	12.6	U/L
			2.74	2.11 - 3.37	0.210	µkat/L
AMY	EPS G-7	1 0501	198	158 - 237	13.2	U/L
Amylase			3.30	2.64 - 3.95	0.220	µkat/L
PAMY	EPS G-7	1 0551	97.4	77.9 - 117	6.49	U/L
Pancreatic amylase			1.62	1.30 - 1.95	0.108	µkat/L
APOA1	Immunoturbidimetric	1 7102	205	164 - 246	13.7	mg/dL
Apolipoprotein A1			2.05	1.64 - 2.46	0.137	g/L
APOB	Immunoturbidimetric	1 7112	100	80.0 - 120	6.67	mg/dL
Apolipoprotein B			1.00	0.800 - 1.20	0.067	g/L
DBIL	DCA	1 0821	1.60	1.18 - 2.01	0.138	mg/dL
Direct Bilirubin			27.3	20.2 - 34.4	2.37	µmol/L
TBIL	DCA	1 0811	4.55	3.37 - 5.74	0.395	mg/dL
Total Bilirubin			77.9	57.6 - 98.1	6.75	µmol/L
CA	Phosphonazo	1 1181	2.89	2.57 - 3.21	0.106	mmol/L
Calcium			11.6	10.3 - 12.9	0.425	mg/dL
CL	Colorimetric	1 1221	140	127 - 152	4.19	mmol/L
Chloride			495	451 - 540	14.9	mg/dL
	Direct ISE	960405	141	128 - 154	4.23	mmol/L
			500	455 - 544	15.0	mg/dL
CHOL	CHOD-PAP	1 1300	214	184 - 244	9.98	mg/dL
Cholesterol			5.53	4.76 - 6.31	0.258	mmol/L
CHE	Butyrylthiocholin	1 1401	8993	7374 - 10612	540	U/L
Cholinesterase			150	123 - 177	8.99	µkat/L
CK	DGKC, IFCC 37°C	1 1601	248	199 - 298	16.5	U/L
Creatine kinase			4.14	3.31 - 4.96	0.276	µkat/L
CKMB	mAK, Immunological method, 37°C	1 1641	50.4	40.3 - 60.4	3.36	U/L
Creatine kinase			0.839	0.671 - 1.01	0.056	µkat/L
CREA	Jaffé , without compensation	1 1711	4.50	3.51 - 5.49	0.330	mg/dL
Creatinine			398	310 - 485	29.2	µmol/L
	Jaffé, with compensation	1 1711	4.68	3.65 - 5.71	0.343	mg/dL
			414	323 - 505	30.3	µmol/L
	Enzymatic PAP	1 1759	4.53	3.53 - 5.53	0.332	mg/dL
			401	312 - 489	29.4	µmol/L
GGT	IFCC, DGKC 1994 37°C	1 2801	92.9	72.5 - 113	6.81	U/L
γ-Glutamyltransferase			1.55	1.21 - 1.89	0.114	µkat/L
GLUC	GOD-PAP	1 2500	262	220 - 304	14.0	mg/dL
Glucose			14.5	12.2 - 16.9	0.776	mmol/L
	HK/G6P-DH	1 2511	268	225 - 311	14.3	mg/dL
			14.9	12.5 - 17.3	0.793	mmol/L
HDLC	Immunoinhibition	1 3521	59.1	50.8 - 67.4	2.76	mg/dL
HDL-Cholesterol			1.53	1.31 - 1.74	0.071	mmol/L
	Direct, colorimetric	1 3561	62.4	53.6 - 71.1	2.91	mg/dL
			1.61	1.39 - 1.84	0.075	mmol/L

TruLab P

LOT 25895



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

2021-08

respons[®] 920



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.924	0.739 - 1.11	0.062	mmol/L
			9.62	7.70 - 11.5	0.641	mg/dL
	β-HBDH 37°C	1 3711	0.983	0.786 - 1.18	0.066	mmol/L
			10.2	8.19 - 12.3	0.682	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	263	200 - 326	21.0	mg/dL
			2.63	2.00 - 3.26	0.210	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134	107 - 161	8.95	IU/mL
			322	258 - 386	21.5	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1284	1027 - 1541	85.6	mg/dL
			12.8	10.3 - 15.4	0.856	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.2 - 155	11.3	mg/dL
			1.21	0.872 - 1.55	0.113	g/L
FE Iron	Ferene	1 1911	271	233 - 309	12.7	µg/dL
			48.6	41.8 - 55.4	2.27	µmol/L
LACT Lactate	LDH UV	1 4001	30.3	23.9 - 36.6	2.12	mg/dL
			3.36	2.65 - 4.07	0.235	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	271	222 - 319	16.2	U/L
			4.51	3.70 - 5.32	0.271	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	123	106 - 140	5.73	mg/dL
			3.18	2.73 - 3.62	0.148	mmol/L
			128	110 - 146	5.96	mg/dL
	Direct, colorimetric	1 4131	3.30	2.84 - 3.76	0.154	mmol/L
LPS Lipase	Colorimetric	1 4321	88.6	70.9 - 106	5.91	U/L
			1.48	1.18 - 1.77	0.098	µkat/L
LI Lithium	Direct ISE	960406	1.84	1.58 - 2.10	0.086	mmol/L
			1.28	1.10 - 1.45	0.060	mg/dL
MG Magnesium	Xylidyl blue	1 4610	1.75	1.47 - 2.03	0.093	mmol/L
			4.25	3.57 - 4.93	0.227	mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	6.41	5.25 - 7.56	0.384	mg/dL
			2.07	1.70 - 2.44	0.124	mmol/L
K Potassium	Enzymatic	1 5221	6.33	5.76 - 6.90	0.190	mmol/L
			24.7	22.5 - 27.0	0.742	mg/dL
			6.35	5.78 - 6.92	0.191	mmol/L
	Direct ISE	960403	24.8	22.6 - 27.1	0.745	mg/dL
Na Sodium	Enzymatic	1 4808	159	149 - 169	3.18	mmol/L
			366	344 - 387	7.31	mg/dL
			164	154 - 174	3.28	mmol/L
	Direct ISE	960402	377	354 - 400	7.54	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.39	7.47 - 9.31	0.308	g/dL
			83.9	74.7 - 93.1	3.08	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	348	278 - 418	23.2	mg/dL
			3.48	2.78 - 4.18	0.232	g/L
TRIG Triglycerides	GPO-PAP	1 5710	171	141 - 202	10.3	mg/dL
			1.93	1.58 - 2.28	0.116	mmol/L
UREA Urea	Urease UV	1 3101	149	116 - 182	10.9	mg/dL
			24.8	19.3 - 30.2	1.82	mmol/L
UA Uric Acid	TOOS	1 3001	6.84	5.88 - 7.80	0.319	mg/dL
			407	350 - 464	19.0	µmol/L



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

TruLab P

LOT 25895



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



2021-08

respons[®]940



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromcresol green	1 0220	5.15 51.5	3.97 - 6.33 39.7 - 63.3	0.395 3.95	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	167 2.79	125 - 209 2.09 - 3.48	13.9 0.232	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	122	93.7 - 150	9.33	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	2.03 124	1.56 - 2.49 95.2 - 152	0.156 9.48	µkat/L U/L
			2.06	1.59 - 2.54	0.158	µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	160	123 - 197	12.3	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	2.67 165	2.06 - 3.28 127 - 202	0.205 12.6	µkat/L U/L
			2.74	2.11 - 3.37	0.210	µkat/L
AMY Amylase	EPS G-7	1 0501	198 3.30	158 - 237 2.64 - 3.95	13.2 0.220	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	97.4 1.62	77.9 - 117 1.30 - 1.95	6.49 0.108	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	205 2.05	164 - 246 1.64 - 2.46	13.7 0.137	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	100 1.00	80.0 - 120 0.800 - 1.20	6.67 0.067	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	1.60 27.3	1.18 - 2.01 20.2 - 34.4	0.138 2.37	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.55 77.9	3.37 - 5.74 57.6 - 98.1	0.395 6.75	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.89 11.6	2.57 - 3.21 10.3 - 12.9	0.106 0.425	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	140 495	127 - 152 451 - 540	4.19 14.9	mmol/L mg/dL
	Direct ISE	960405	141 500	128 - 154 455 - 544	4.23 15.0	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	214 5.53	184 - 244 4.76 - 6.31	9.98 0.258	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	8993 150	7374 - 10612 123 - 177	540 8.99	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	248 4.14	199 - 298 3.31 - 4.96	16.5 0.276	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	50.4 0.839	40.3 - 60.4 0.671 - 1.01	3.36 0.056	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.50 398	3.51 - 5.49 310 - 485	0.330 29.2	mg/dL µmol/L
	Jaffé, with compensation	1 1711	4.68 414	3.65 - 5.71 323 - 505	0.343 30.3	mg/dL µmol/L
	Enzymatic PAP	1 1759	4.53 401	3.53 - 5.53 312 - 489	0.332 29.4	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	92.9 1.55	72.5 - 113 1.21 - 1.89	6.81 0.114	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	262 14.5	220 - 304 12.2 - 16.9	14.0 0.776	mg/dL mmol/L
	HK/G6P-DH	1 2511	268 14.9	225 - 311 12.5 - 17.3	14.3 0.793	mg/dL mmol/L
HDLC HDL-Cholesterol	Immuno-inhibition	1 3521	59.1 1.53	50.8 - 67.4 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 25895



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



2021-08

respons[®]940



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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.924	0.739 - 1.11	0.062	mmol/L
			9.62	7.70 - 11.5	0.641	mg/dL
	β-HBDH 37°C	1 3711	0.983	0.786 - 1.18	0.066	mmol/L
			10.2	8.19 - 12.3	0.682	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	263	200 - 326	21.0	mg/dL
			2.63	2.00 - 3.26	0.210	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134	107 - 161	8.95	IU/mL
			322	258 - 386	21.5	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1284	1027 - 1541	85.6	mg/dL
			12.8	10.3 - 15.4	0.856	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.2 - 155	11.3	mg/dL
			1.21	0.872 - 1.55	0.113	g/L
FE Iron	Ferene	1 1911	271	233 - 309	12.7	µg/dL
			48.6	41.8 - 55.4	2.27	µmol/L
LACT Lactate	LDH UV	1 4001	30.3	23.9 - 36.6	2.12	mg/dL
			3.36	2.65 - 4.07	0.235	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	271	222 - 319	16.2	U/L
			4.51	3.70 - 5.32	0.271	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	123	106 - 140	5.73	mg/dL
			3.18	2.73 - 3.62	0.148	mmol/L
			128	110 - 146	5.96	mg/dL
	Direct, colorimetric	1 4131	3.30	2.84 - 3.76	0.154	mmol/L
LPS Lipase	Colorimetric	1 4321	88.6	70.9 - 106	5.91	U/L
			1.48	1.18 - 1.77	0.098	µkat/L
LI Lithium	Direct ISE	960406	1.84	1.58 - 2.10	0.086	mmol/L
			1.28	1.10 - 1.45	0.060	mg/dL
MG Magnesium	Xylidyl blue	1 4610	1.75	1.47 - 2.03	0.093	mmol/L
			4.25	3.57 - 4.93	0.227	mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	6.41	5.25 - 7.56	0.384	mg/dL
			2.07	1.70 - 2.44	0.124	mmol/L
K Potassium	Enzymatic	1 5221	6.33	5.76 - 6.90	0.190	mmol/L
			24.7	22.5 - 27.0	0.742	mg/dL
			6.35	5.78 - 6.92	0.191	mmol/L
	Direct ISE	960403	24.8	22.6 - 27.1	0.745	mg/dL
Na Sodium	Enzymatic	1 4808	159	149 - 169	3.18	mmol/L
			366	344 - 387	7.31	mg/dL
			164	154 - 174	3.28	mmol/L
	Direct ISE	960402	377	354 - 400	7.54	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.39	7.47 - 9.31	0.308	g/dL
			83.9	74.7 - 93.1	3.08	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	348	278 - 418	23.2	mg/dL
			3.48	2.78 - 4.18	0.232	g/L
TRIG Triglycerides	GPO-PAP	1 5710	171	141 - 202	10.3	mg/dL
			1.93	1.58 - 2.28	0.116	mmol/L
UREA Urea	Urease UV	1 3101	149	116 - 182	10.9	mg/dL
			24.8	19.3 - 30.2	1.82	mmol/L
UA Uric Acid	TOOS	1 3001	6.84	5.88 - 7.80	0.319	mg/dL
			407	350 - 464	19.0	µmol/L



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TruLab P

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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: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromcresol green	1 0220	5.15 51.5	3.97 - 6.33 39.7 - 63.3	0.395 3.95	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	167 2.79	125 - 209 2.09 - 3.48	13.9 0.232	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	122	93.7 - 150	9.33	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2701	2.03 124	1.56 - 2.49 95.2 - 152	0.156 9.48	µkat/L U/L
			2.06	1.59 - 2.54	0.158	µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	160	123 - 197	12.3	U/L
	without pyridoxal phosphate 37°C	2 5010 1 2601	2.67 165	2.06 - 3.28 127 - 202	0.205 12.6	µkat/L U/L
			2.74	2.11 - 3.37	0.210	µkat/L
AMY Amylase	EPS G-7	1 0501	198 3.30	158 - 237 2.64 - 3.95	13.2 0.220	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	97.4 1.62	77.9 - 117 1.30 - 1.95	6.49 0.108	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	205 2.05	164 - 246 1.64 - 2.46	13.7 0.137	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	100 1.00	80.0 - 120 0.800 - 1.20	6.67 0.067	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	1.60 27.3	1.18 - 2.01 20.2 - 34.4	0.138 2.37	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.55 77.9	3.37 - 5.74 57.6 - 98.1	0.395 6.75	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	2.89 11.6	2.57 - 3.21 10.3 - 12.9	0.106 0.425	mmol/L mg/dL
CL Chloride	Indirect ISE	980132	135 478	123 - 147 435 - 521	4.04 14.3	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	214 5.53	184 - 244 4.76 - 6.31	9.98 0.258	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	8993 150	7374 - 10612 123 - 177	540 8.99	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	248 4.14	199 - 298 3.31 - 4.96	16.5 0.276	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	50.4 0.839	40.3 - 60.4 0.671 - 1.01	3.36 0.056	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.50 398	3.51 - 5.49 310 - 485	0.330 29.2	mg/dL µmol/L
	Jaffé, with compensation	1 1711	4.68 414	3.65 - 5.71 323 - 505	0.343 30.3	mg/dL µmol/L
	Enzymatic PAP	1 1759	4.53 401	3.53 - 5.53 312 - 489	0.332 29.4	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	92.9 1.55	72.5 - 113 1.21 - 1.89	6.81 0.114	U/L µkat/L
GLUC Glucose	HK/G6P-DH	1 2511	268 14.9	225 - 311 12.5 - 17.3	14.3 0.793	mg/dL mmol/L
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	59.1 1.53	50.8 - 67.4 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 25895



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

2021-08

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

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.924 9.62	0.739 - 1.11 7.70 - 11.5	0.062 0.641	mmol/L mg/dL
	β-HBDH 37°C	1 3711	0.983 10.2	0.786 - 1.18 8.19 - 12.3	0.066 0.682	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	263	200 - 326	21.0	mg/dL
			2.63	2.00 - 3.26	0.210	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134	107 - 161	8.95	IU/mL
			322	258 - 386	21.5	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1284	1027 - 1541	85.6	mg/dL
			12.8	10.3 - 15.4	0.856	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.2 - 155	11.3	mg/dL
			1.21	0.872 - 1.55	0.113	g/L
FE Iron	Ferene	1 1911	257 46.0	221 - 293 39.6 - 52.5	12.0 2.15	µg/dL µmol/L
LACT Lactate	LDH UV	1 4001	30.3	23.9 - 36.6	2.12	mg/dL
			3.36	2.65 - 4.07	0.235	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	271	222 - 319	16.2	U/L
			4.51	3.70 - 5.32	0.271	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	125	107 - 142	5.82	mg/dL
			3.23	2.78 - 3.68	0.151	mmol/L
			1 4131	128	110 - 146	5.96
	Direct, colorimetric		3.30	2.84 - 3.76	0.154	mmol/L
LPS Lipase	Colorimetric	1 4321	88.6	70.9 - 106	5.91	U/L
			1.48	1.18 - 1.77	0.098	µkat/L
MG Magnesium	Xylidyl blue	1 4610	1.75	1.47 - 2.03	0.093	mmol/L
			4.25	3.57 - 4.93	0.227	mg/dL
PL Phospholipids	Enzymatic	1 5741	247	197 - 296	16.4	mg/dL
			3.18	2.54 - 3.82	0.212	mmol/L
PO3 Phosphorus	Molybdate UV	1 5211	6.41	5.25 - 7.56	0.384	mg/dL
			2.07	1.70 - 2.44	0.124	mmol/L
K Potassium	Indirect ISE	980131	6.22	5.66 - 6.78	0.187	mmol/L
			24.3	22.1 - 26.5	0.730	mg/dL
Na Sodium	Indirect ISE	980130	153	144 - 163	3.07	mmol/L
			353	332 - 374	7.06	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.39	7.47 - 9.31	0.308	g/dL
			83.9	74.7 - 93.1	3.08	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	348	278 - 418	23.2	mg/dL
			3.48	2.78 - 4.18	0.232	g/L
TRIG Triglycerides	GPO-PAP	1 5710	171	141 - 202	10.3	mg/dL
			1.93	1.58 - 2.28	0.116	mmol/L
UREA Urea	Urease UV	1 3101	149	116 - 182	10.9	mg/dL
			24.8	19.3 - 30.2	1.82	mmol/L
UA Uric Acid	TOOS	1 3001	6.84	5.88 - 7.80	0.319	mg/dL
			407	350 - 464	19.0	µmol/L



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