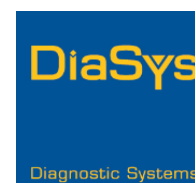


TruLab P

LOT 36872



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



2027-06-30



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

Value sheet version: 1

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	5.23 52.3	4.03 - 6.43 40.3 - 64.3	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	154 2.57	116 - 193 1.93 - 3.22	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 + 2 5010	117 1.94	89.8 - 143 1.50 - 2.39	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	116 1.93	89.3 - 143 1.49 - 2.38	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 + 2 5010	155 2.58	119 - 190 1.98 - 3.17	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	158 2.63	122 - 194 2.03 - 3.24	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	206 3.44	165 - 247 2.75 - 4.12	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	108 1.80	86.5 - 130 1.44 - 2.16	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	207 2.07	165 - 248 1.65 - 2.48	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	113 1.13	90.5 - 136 0.905 - 1.36	mg/dL g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	35.9	28.7 - 43.0	µmol/L
DBIL Direct Bilirubin	DCA	1 0821	2.14 36.7	1.59 - 2.70 27.1 - 46.2	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.74 81.0	3.50 - 5.97 59.9 - 102	mg/dL µmol/L
CA Calcium	Arsenazo	1 1130	3.11 12.5	2.77 - 3.45 11.1 - 13.8	mmol/L mg/dL
	Phosphonazo	1 1181	3.15 12.6	2.80 - 3.49 11.2 - 14.0	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	124 441	113 - 136 401 - 481	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	217 5.61	186 - 247 4.82 - 6.39	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	9310 155	7634 - 10985 127 - 183	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	216 3.60	173 - 259 2.88 - 4.31	U/L µkat/L

TruLab P

LOT 36872



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

 2027-06-30



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

Value sheet version: 1

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	56.2	45.0 - 67.5	U/L
			0.937	0.749 - 1.12	µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	5.54	4.32 - 6.76	mg/dL
			490	382 - 597	µmol/L
	Jaffé, with compensation	1 1711	5.87	4.58 - 7.16	mg/dL
			519	404 - 633	µmol/L
Enzymatic PAP	1 1759	5.60	4.37 - 6.83	mg/dL	
		495	386 - 604	µmol/L	
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	90.1	70.3 - 110	U/L
			1.50	1.17 - 1.83	µkat/L
	Szasz 37°C	1 2801	79.7	62.2 - 97	U/L
			1.33	1.04 - 1.62	µkat/L
GLDH Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	24.8	19.9 - 29.8	U/L
			0.414	0.331 - 0.497	µkat/L
GLUC Glucose	GOD-PAP	1 2500	272	228 - 315	mg/dL
			15.1	12.7 - 17.5	mmol/L
	HK/G6P-DH	1 2511	271	228 - 315	mg/dL
			15.1	12.6 - 17.5	mmol/L
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	253	203 - 304	U/L
			4.22	3.38 - 5.06	µkat/L
HDLC HDL-Cholesterol	Direct, colorimetric	1 3561	60.4	48.3 - 72.4	mg/dL
			1.56	1.25 - 1.87	mmol/L
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.979	0.783 - 1.17	mmol/L
			10.2	8.15 - 12.2	mg/dL
	β-HBDH 37°C	1 3711	0.941	0.753 - 1.13	mmol/L
			9.80	7.84 - 11.8	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	270	205 - 335	mg/dL
			2.70	2.05 - 3.35	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	108	86.4 - 130	IU/mL
			259	207 - 311	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1316	1053 - 1579	mg/dL
			13.2	10.5 - 15.8	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	122	87.6 - 156	mg/dL
			1.22	0.876 - 1.56	g/L
FE Iron	Ferene	1 1911	245	210 - 279	µg/dL
			43.8	37.7 - 50.0	µmol/L
LACT Lactate	LDH UV	1 4001	31.3	24.7 - 37.8	mg/dL
			3.47	2.74 - 4.20	mmol/L
LDH Lactate dehydrogenase	IFCC, modified	1 4251	280	229 - 330	U/L
			4.66	3.82 - 5.50	µkat/L

TruLab P

LOT 36872



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



2027-06-30



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

Value sheet version: 1

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
LDLC	Direct, colorimetric	1 4131	130	104 - 157	mg/dL
LDL-Cholesterol			3.37	2.70 - 4.05	mmol/L
LPS	Colorimetric	1 4321	97.9	78.3 - 117	U/L
Lipase			1.63	1.30 - 1.96	µkat/L
MG	Xylidyl blue	1 4610	1.50	1.26 - 1.74	mmol/L
Magnesium			3.64	3.06 - 4.22	mg/dL
PO3	Molybdate UV, substrate start	1 5211	7.48	6.13 - 8.83	mg/dL
Phosphorus	Molybdate UV, sample start	1 5211	7.43	6.09 - 8.77	mg/dL
			2.42	1.98 - 2.85	mmol/L
K	Enzymatic	1 5221	7.86	7.16 - 8.57	mmol/L
			30.7	28.0 - 33.5	mg/dL
Potassium					
Na	Enzymatic	1 4808	152	143 - 161	mmol/L
Sodium			350	329 - 370	mg/dL
TP	Biuret, without sample blank	1 2311	9.59	8.53 - 10.6	g/dL
Total Protein			95.9	85.3 - 106	g/L
	Biuret, with sample blank	1 2311	8.55	7.61 - 9.49	g/dL
			85.5	76.1 - 94.9	g/L
TRF	Immunoturbidimetric	1 7252	322	257 - 386	mg/dL
Transferrin			3.22	2.57 - 3.86	g/L
TRIG	GPO-PAP	1 5710	187	153 - 220	mg/dL
Triglycerides			2.10	1.73 - 2.48	mmol/L
UREA	Urease UV	1 3101	139	108 - 169	mg/dL
Urea			23.1	18.0 - 28.2	mmol/L
UA	TBHBA	1 3021	8.57	7.37 - 9.77	mg/dL
Uric Acid			510	438 - 581	µmol/L
	TOOS	1 3001	8.52	7.33 - 9.72	mg/dL
			507	436 - 578	µmol/L



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TruLab P

LOT 36872



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

 2027-06-30



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

Value sheet version: 1

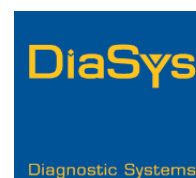
Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
GLUC	Amperometric	Biosensor	315	265 - 365	mg/dL
Glucose			17.5	14.7 - 20.3	mmol/L
LACT	Amperometric	Biosensor	39.7	31.4 - 48.0	mg/dL
Lactate			4.41	3.48 - 5.33	mmol/L



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

2027-06-30

respons[®]910



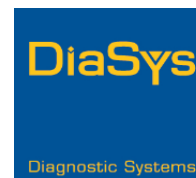
Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 1

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	5.23 52.3	4.03 - 6.43 40.3 - 64.3	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	154 2.57	116 - 193 1.93 - 3.22	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 + 2 5010	117 1.94	89.8 - 143 1.50 - 2.39	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	116 1.93	89.3 - 143 1.49 - 2.38	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 + 2 5010	155 2.58	119 - 190 1.98 - 3.17	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	158 2.63	122 - 194 2.03 - 3.24	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	206 3.44	165 - 247 2.75 - 4.12	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	108 1.80	86.5 - 130 1.44 - 2.16	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	207 2.07	165 - 248 1.65 - 2.48	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	113 1.13	90.5 - 136 0.905 - 1.36	mg/dL g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	35.9	28.7 - 43.0	µmol/L
DBIL Direct Bilirubin	DCA	1 0821	2.14 36.7	1.59 - 2.70 27.1 - 46.2	mg/dL µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.74 81.0	3.50 - 5.97 59.9 - 102	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	3.15 12.6	2.80 - 3.49 11.2 - 14.0	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	124 441	113 - 136 401 - 481	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	217 5.61	186 - 247 4.82 - 6.39	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	9310 155	7634 - 10985 127 - 183	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	216 3.60	173 - 259 2.88 - 4.31	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	56.2 0.937	45.0 - 67.5 0.749 - 1.12	U/L µkat/L
CREA Creatinine	Jaffé , without compensation	1 1711	5.54 490	4.32 - 6.76 382 - 597	mg/dL µmol/L
	Jaffé, with compensation	1 1711	5.87 519	4.58 - 7.16 404 - 633	mg/dL µmol/L
	Enzymatic PAP	1 1759	5.60 495	4.37 - 6.83 386 - 604	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	90.1 1.50	70.3 - 110 1.17 - 1.83	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	272 15.1	228 - 315 12.7 - 17.5	mg/dL mmol/L
	HK/G6P-DH	1 2511	271 15.1	228 - 315 12.6 - 17.5	mg/dL mmol/L
HDLC HDL-Cholesterol	Direct, colorimetric	1 3561	60.4 1.56	48.3 - 72.4 1.25 - 1.87	mg/dL mmol/L

TruLab P

LOT 36872



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

 2027-06-30

respons[®]910



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

Value sheet version: 1

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
HBUT β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.941 9.80	0.753 - 1.13 7.84 - 11.8	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	270 2.70	205 - 335 2.05 - 3.35	mg/dL g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	108 259	86.4 - 130 207 - 311	IU/mL ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1316 13.2	1053 - 1579 10.5 - 15.8	mg/dL g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	122 1.22	87.6 - 156 0.876 - 1.56	mg/dL g/L
FE Iron	Ferene	1 1911	245 43.8	210 - 279 37.7 - 50.0	µg/dL µmol/L
LACT Lactate	LDH UV	1 4001	31.3 3.47	24.7 - 37.8 2.74 - 4.20	mg/dL mmol/L
LDH Lactate dehydrogenase	IFCC, modified	1 4251	280 4.66	229 - 330 3.82 - 5.50	U/L µkat/L
LDLC LDL-Cholesterol	Direct, colorimetric	1 4131	130 3.37	104 - 157 2.70 - 4.05	mg/dL mmol/L
LPS Lipase	Colorimetric	1 4321	97.9 1.63	78.3 - 117 1.30 - 1.96	U/L µkat/L
MG Magnesium	Xylidyl blue	1 4610	1.50 3.64	1.26 - 1.74 3.06 - 4.22	mmol/L mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	7.48 2.42	6.13 - 8.83 1.98 - 2.85	mg/dL mmol/L
K Potassium	Enzymatic	1 5221	7.86 30.7	7.16 - 8.57 28.0 - 33.5	mmol/L mg/dL
Na Sodium	Enzymatic	1 4808	152 350	143 - 161 329 - 370	mmol/L mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.55 85.5	7.61 - 9.49 76.1 - 94.9	g/dL g/L
TRF Transferrin	Immunoturbidimetric	1 7252	322 3.22	257 - 386 2.57 - 3.86	mg/dL g/L
TRIG Triglycerides	GPO-PAP	1 5710	187 2.10	153 - 220 1.73 - 2.48	mg/dL mmol/L
UREA Urea	Urease UV	1 3101	139 23.1	108 - 169 18.0 - 28.2	mg/dL mmol/L
UA Uric Acid	TOOS	1 3001	8.52 507	7.33 - 9.72 436 - 578	mg/dL µmol/L



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TruLab P

LOT 36872



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

2027-06-30

respons[®]920



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

Value sheet version: 1

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit			
ALB Albumin	Bromcresol green	1 0220	5.23 52.3	4.03 - 6.43 40.3 - 64.3	0.401 4.01	g/dL g/L			
AP Alkaline phosphatase	IFCC 37°C	1 0441	154 2.57	116 - 193 1.93 - 3.22	12.9 0.214	U/L µkat/L			
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	117	89.8 - 143	8.94	U/L			
		2 5010	1.94	1.50 - 2.39	0.149	µkat/L			
	without pyridoxal phosphate 37°C	1 2701	116 1.93	89.3 - 143 1.49 - 2.38	8.89 0.148	U/L µkat/L			
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	155	119 - 190	11.9	U/L			
		2 5010	2.58	1.98 - 3.17	0.198	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	206	165 - 247	13.7	U/L			
			3.44	2.75 - 4.12	0.229	µkat/L			
PAMY Pancreatic amylase	EPS G-7	1 0551	108 1.80	86.5 - 130 1.44 - 2.16	7.21 0.120	U/L µkat/L			
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	207	165 - 248	13.8	mg/dL			
			2.07	1.65 - 2.48	0.138	g/L			
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	113	90.5 - 136	7.54	mg/dL			
			1.13	0.905 - 1.36	0.075	g/L			
DBIL Direct Bilirubin	DCA	1 0821	2.14	1.59 - 2.70	0.186	mg/dL			
			36.7	27.1 - 46.2	3.18	µmol/L			
TBIL Total Bilirubin	DCA	1 0811	4.74	3.50 - 5.97	0.410	mg/dL			
			81.0	59.9 - 102	7.02	µmol/L			
CA Calcium	Phosphonazo	1 1181	3.15	2.80 - 3.49	0.115	mmol/L			
			12.6	11.2 - 14.0	0.463	mg/dL			
CL Chloride	Colorimetric	1 1221	124	113 - 136	3.73	mmol/L			
			441	401 - 481	13.2	mg/dL			
			Direct ISE	960405	128	116 - 139	3.83	mmol/L	
			453	412 - 494	13.6	mg/dL			
			CHOL Cholesterol	CHOD-PAP	1 1300	217	186 - 247	10.1	mg/dL
			5.61			4.82 - 6.39	0.262	mmol/L	
CHE Cholinesterase	Butyrylthiocholin	1 1401	9310	7634 - 10985	559	U/L			
			155	127 - 183	9.31	µkat/L			
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	216	173 - 259	14.4	U/L			
			3.60	2.88 - 4.31	0.240	µkat/L			
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	56.2	45.0 - 67.5	3.75	U/L			
			0.937	0.749 - 1.12	0.062	µkat/L			
CREA Creatinine	Jaffé , without compensation	1 1711	5.54	4.32 - 6.76	0.406	mg/dL			
			490	382 - 597	35.9	µmol/L			
	Jaffé, with compensation	1 1711	5.87	4.58 - 7.16	0.430	mg/dL			
			519	404 - 633	38.0	µmol/L			
Enzymatic PAP	1 1759	5.60	4.37 - 6.83	0.410	mg/dL				
		495	386 - 604	36.3	µmol/L				
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	90.1 1.50	70.3 - 110 1.17 - 1.83	6.61 0.110	U/L µkat/L			
GLUC Glucose	GOD-PAP	1 2500	272	228 - 315	14.5	mg/dL			
			15.1	12.7 - 17.5	0.804	mmol/L			
	HK/G6P-DH	1 2511	271 15.1	228 - 315 12.6 - 17.5	14.5 0.803	mg/dL mmol/L			
HDLC HDL-Cholesterol	Direct, colorimetric	1 3561	60.4	48.3 - 72.4	4.02	mg/dL			
			1.56	1.25 - 1.87	0.104	mmol/L			

TruLab P

LOT 36872

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

 2027-06-30

respons[®]920



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

Value sheet version: 1

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HBUT β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.941 9.80	0.753 - 1.13 7.84 - 11.8	0.063 0.653	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	270 2.70	205 - 335 2.05 - 3.35	21.6 0.216	mg/dL g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	108 259	86.4 - 130 207 - 311	7.20 17.3	IU/mL ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1316 13.2	1053 - 1579 10.5 - 15.8	87.7 0.877	mg/dL g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	122 1.22	87.6 - 156 0.876 - 1.56	11.4 0.114	mg/dL g/L
FE Iron	Ferene	1 1911	253 45.3	218 - 289 39.0 - 51.7	11.8 2.12	µg/dL µmol/L
LACT Lactate	LDH UV	1 4001	31.3 3.47	24.7 - 37.8 2.74 - 4.20	2.19 0.243	mg/dL mmol/L
LDH Lactate dehydrogenase	IFCC, modified	1 4251	280 4.66	229 - 330 3.82 - 5.50	16.8 0.280	U/L µkat/L
LDLC LDL-Cholesterol	Direct, colorimetric	1 4131	131 3.39	105 - 157 2.71 - 4.07	8.74 0.226	mg/dL mmol/L
LPS Lipase	Colorimetric	1 4321	97.9 1.63	78.3 - 117 1.30 - 1.96	6.52 0.109	U/L µkat/L
LI Lithium	Direct ISE	960406	2.16 1.50	1.86 - 2.47 1.29 - 1.71	0.101 0.070	mmol/L mg/dL
MG Magnesium	Xylidyl blue	1 4610	1.50 3.64	1.26 - 1.74 3.06 - 4.22	0.080 0.194	mmol/L mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	7.48 2.42	6.13 - 8.83 1.98 - 2.85	0.449 0.145	mg/dL mmol/L
K Potassium	Enzymatic	1 5221	7.86 30.7	7.16 - 8.57 28.0 - 33.5	0.236 0.922	mmol/L mg/dL
	Direct ISE	960403	7.02 27.5	6.39 - 7.65 25.0 - 29.9	0.211 0.824	mmol/L mg/dL
Na Sodium	Enzymatic	1 4808	152 350	143 - 161 329 - 370	3.04 6.99	mmol/L mg/dL
	Direct ISE	960402	172 395	161 - 182 371 - 418	3.43 7.89	mmol/L mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.55 85.5	7.61 - 9.49 76.1 - 94.9	0.314 3.14	g/dL g/L
TRF Transferrin	Immunoturbidimetric	1 7252	322 3.22	257 - 386 2.57 - 3.86	21.4 0.214	mg/dL g/L
TRIG Triglycerides	GPO-PAP	1 5710	187 2.10	153 - 220 1.73 - 2.48	11.2 0.126	mg/dL mmol/L
UREA Urea	Urease UV	1 3101	139 23.1	108 - 169 18.0 - 28.2	10.2 1.69	mg/dL mmol/L
UA Uric Acid	TOOS	1 3001	8.52 507	7.33 - 9.72 436 - 578	0.398 23.7	mg/dL µmol/L



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Alte Strasse 9 65558 Holzheim Germany
www.diasys-diagnostics.com

TruLab P

LOT 36872



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

2027-06-30

respons[®]940



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

Value sheet version: 1

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit			
ALB Albumin	Bromcresol green	1 0220	5.23 52.3	4.03 - 6.43 40.3 - 64.3	0.401 4.01	g/dL g/L			
AP Alkaline phosphatase	IFCC 37°C	1 0441	154 2.57	116 - 193 1.93 - 3.22	12.9 0.214	U/L µkat/L			
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	117	89.8 - 143	8.94	U/L			
		2 5010	1.94	1.50 - 2.39	0.149	µkat/L			
	without pyridoxal phosphate 37°C	1 2701	116 1.93	89.3 - 143 1.49 - 2.38	8.89 0.148	U/L µkat/L			
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	155	119 - 190	11.9	U/L			
		2 5010	2.58	1.98 - 3.17	0.198	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	206	165 - 247	13.7	U/L			
			3.44	2.75 - 4.12	0.229	µkat/L			
PAMY Pancreatic amylase	EPS G-7	1 0551	108 1.80	86.5 - 130 1.44 - 2.16	7.21 0.120	U/L µkat/L			
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	207	165 - 248	13.8	mg/dL			
			2.07	1.65 - 2.48	0.138	g/L			
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	113	90.5 - 136	7.54	mg/dL			
			1.13	0.905 - 1.36	0.075	g/L			
DBIL Direct Bilirubin	DCA	1 0821	2.14	1.59 - 2.70	0.186	mg/dL			
			36.7	27.1 - 46.2	3.18	µmol/L			
TBIL Total Bilirubin	DCA	1 0811	4.74	3.50 - 5.97	0.410	mg/dL			
			81.0	59.9 - 102	7.02	µmol/L			
CA Calcium	Phosphonazo	1 1181	3.15	2.80 - 3.49	0.115	mmol/L			
			12.6	11.2 - 14.0	0.463	mg/dL			
CL Chloride	Colorimetric	1 1221	124	113 - 136	3.73	mmol/L			
			441	401 - 481	13.2	mg/dL			
			Direct ISE	960405	128	116 - 139	3.83	mmol/L	
			453	412 - 494	13.6	mg/dL			
			CHOL Cholesterol	CHOD-PAP	1 1300	217	186 - 247	10.1	mg/dL
			5.61			4.82 - 6.39	0.262	mmol/L	
CHE Cholinesterase	Butyrylthiocholin	1 1401	9310	7634 - 10985	559	U/L			
			155	127 - 183	9.31	µkat/L			
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	216	173 - 259	14.4	U/L			
			3.60	2.88 - 4.31	0.240	µkat/L			
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	56.2	45.0 - 67.5	3.75	U/L			
			0.937	0.749 - 1.12	0.062	µkat/L			
CREA Creatinine	Jaffé , without compensation	1 1711	5.54	4.32 - 6.76	0.406	mg/dL			
			490	382 - 597	35.9	µmol/L			
	Jaffé, with compensation	1 1711	5.87	4.58 - 7.16	0.430	mg/dL			
			519	404 - 633	38.0	µmol/L			
Enzymatic PAP	1 1759	5.60	4.37 - 6.83	0.410	mg/dL				
		495	386 - 604	36.3	µmol/L				
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	90.1	70.3 - 110	6.61	U/L			
			1.50	1.17 - 1.83	0.110	µkat/L			
GLUC Glucose	GOD-PAP	1 2500	272	228 - 315	14.5	mg/dL			
			15.1	12.7 - 17.5	0.804	mmol/L			
	HK/G6P-DH	1 2511	271	228 - 315	14.5	mg/dL			
			15.1	12.6 - 17.5	0.803	mmol/L			
			HDLC HDL-Cholesterol	Direct, colorimetric	1 3561	60.4	48.3 - 72.4	4.02	mg/dL
1.56	1.25 - 1.87	0.104	mmol/L						

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Value sheet version: 1

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HBUT β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.941	0.753 - 1.13	0.063	mmol/L
			9.80	7.84 - 11.8	0.653	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	270	205 - 335	21.6	mg/dL
			2.70	2.05 - 3.35	0.216	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	108	86.4 - 130	7.20	IU/mL
			259	207 - 311	17.3	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1316	1053 - 1579	87.7	mg/dL
			13.2	10.5 - 15.8	0.877	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	122	87.6 - 156	11.4	mg/dL
			1.22	0.876 - 1.56	0.114	g/L
FE Iron	Ferene	1 1911	253	218 - 289	11.8	µg/dL
			45.3	39.0 - 51.7	2.12	µmol/L
LACT Lactate	LDH UV	1 4001	31.3	24.7 - 37.8	2.19	mg/dL
			3.47	2.74 - 4.20	0.243	mmol/L
LDH Lactate dehydrogenase	IFCC, modified	1 4251	280	229 - 330	16.8	U/L
			4.66	3.82 - 5.50	0.280	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	126	101 - 151	8.41	mg/dL
			3.26	2.61 - 3.92	0.218	mmol/L
	Direct, colorimetric	1 4131	131	105 - 157	8.74	mg/dL
			3.39	2.71 - 4.07	0.226	mmol/L
LPS Lipase	Colorimetric	1 4321	97.9	78.3 - 117	6.52	U/L
			1.63	1.30 - 1.96	0.109	µkat/L
LI Lithium	Direct ISE	960406	2.15	1.85 - 2.45	0.100	mmol/L
			1.49	1.28 - 1.70	0.070	mg/dL
MG Magnesium	Xylidyl blue	1 4610	1.50	1.26 - 1.74	0.080	mmol/L
			3.64	3.06 - 4.22	0.194	mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	7.48	6.13 - 8.83	0.449	mg/dL
			2.42	1.98 - 2.85	0.145	mmol/L
K Potassium	Enzymatic	1 5221	7.86	7.16 - 8.57	0.236	mmol/L
			30.7	28.0 - 33.5	0.922	mg/dL
	Direct ISE	960403	7.02	6.39 - 7.65	0.211	mmol/L
			27.5	25.0 - 29.9	0.824	mg/dL
Na Sodium	Enzymatic	1 4808	152	143 - 161	3.04	mmol/L
			350	329 - 370	6.99	mg/dL
	Direct ISE	960402	172	161 - 182	3.43	mmol/L
			395	371 - 418	7.89	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.55	7.61 - 9.49	0.314	g/dL
			85.5	76.1 - 94.9	3.14	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	322	257 - 386	21.4	mg/dL
			3.22	2.57 - 3.86	0.214	g/L
TRIG Triglycerides	GPO-PAP	1 5710	187	153 - 220	11.2	mg/dL
			2.10	1.73 - 2.48	0.126	mmol/L
UREA Urea	Urease UV	1 3101	139	108 - 169	10.2	mg/dL
			23.1	18.0 - 28.2	1.69	mmol/L
UA Uric Acid	TOOS	1 3001	8.52	7.33 - 9.72	0.398	mg/dL
			507	436 - 578	23.7	µmol/L



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5 9050 99 10 062 (20 x 5 mL)

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BioMajesty[®]



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ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	117	89.8 - 143	8.94	U/L
		2 5010	1.94	1.50 - 2.39	0.149	µkat/L
	without pyridoxal phosphate 37°C	1 2701	116 1.93	89.3 - 143 1.49 - 2.38	8.89 0.148	U/L µkat/L
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			81.0	59.9 - 102	7.02	µmol/L
CA Calcium	Phosphonazo	1 1181	3.15	2.80 - 3.49	0.115	mmol/L
			12.6	11.2 - 14.0	0.463	mg/dL
CL Chloride	Indirect ISE	980132	120 427	109 - 131 388 - 465	3.61 12.8	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	217	186 - 247	10.1	mg/dL
			5.61	4.82 - 6.39	0.262	mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	9310	7634 - 10985	559	U/L
			155	127 - 183	9.31	µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	216	173 - 259	14.4	U/L
			3.60	2.88 - 4.31	0.240	µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	56.2	45.0 - 67.5	3.75	U/L
			0.937	0.749 - 1.12	0.062	µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	5.54	4.32 - 6.76	0.406	mg/dL
			490	382 - 597	35.9	µmol/L
	Jaffé, with compensation	1 1711	5.87	4.58 - 7.16	0.430	mg/dL
			519	404 - 633	38.0	µmol/L
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		495	386 - 604	36.3	µmol/L	
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GLUC Glucose	HK/G6P-DH	1 2511	271	228 - 315	14.5	mg/dL
			15.1	12.6 - 17.5	0.803	mmol/L

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Value sheet version: 1

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
HDLC HDL-Cholesterol	Direct, colorimetric	1 3561	60.4 1.56	48.3 - 72.4 1.25 - 1.87	4.02 0.104	mg/dL mmol/L
HBUT β-Hydroxybutyrate	β-HBDH 37°C	1 3711	0.941 9.80	0.753 - 1.13 7.84 - 11.8	0.063 0.653	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	270 2.70	205 - 335 2.05 - 3.35	21.6 0.216	mg/dL g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	108 259	86.4 - 130 207 - 311	7.20 17.3	IU/mL ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1316 13.2	1053 - 1579 10.5 - 15.8	87.7 0.877	mg/dL g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	122 1.22	87.6 - 156 0.876 - 1.56	11.4 0.114	mg/dL g/L
FE Iron	Ferene	1 1911	245 43.8	210 - 279 37.7 - 50.0	11.4 2.05	μg/dL μmol/L
LACT Lactate	LDH UV	1 4001	31.3 3.47	24.7 - 37.8 2.74 - 4.20	2.19 0.243	mg/dL mmol/L
LDH Lactate dehydrogenase	IFCC, modified	1 4251	280 4.66	229 - 330 3.82 - 5.50	16.8 0.280	U/L μkat/L
LDLC LDL-Cholesterol	Direct, colorimetric	1 4131	130 3.37	104 - 157 2.70 - 4.05	8.70 0.225	mg/dL mmol/L
LPS Lipase	Colorimetric	1 4321	97.9 1.63	78.3 - 117 1.30 - 1.96	6.52 0.109	U/L μkat/L
MG Magnesium	Xylidyl blue	1 4610	1.50 3.64	1.26 - 1.74 3.06 - 4.22	0.080 0.194	mmol/L mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	7.48 2.42	6.13 - 8.83 1.98 - 2.85	0.449 0.145	mg/dL mmol/L
K Potassium	Indirect ISE	980131	6.61 25.8	6.02 - 7.21 23.5 - 28.2	0.198 0.775	mmol/L mg/dL
Na Sodium	Indirect ISE	980130	155 356	146 - 164 335 - 378	3.10 7.13	mmol/L mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.55 85.5	7.61 - 9.49 76.1 - 94.9	0.314 3.14	g/dL g/L
TRF Transferrin	Immunoturbidimetric	1 7252	322 3.22	257 - 386 2.57 - 3.86	21.4 0.214	mg/dL g/L
TRIG Triglycerides	GPO-PAP	1 5710	187 2.10	153 - 220 1.73 - 2.48	11.2 0.126	mg/dL mmol/L
UREA Urea	Urease UV	1 3101	139 23.1	108 - 169 18.0 - 28.2	10.2 1.69	mg/dL mmol/L
UA Uric Acid	TOOS	1 3001	8.52 507	7.33 - 9.72 436 - 578	0.398 23.7	mg/dL μmol/L



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