

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02



2023-01-31

DiaSys reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit	
ALB	Bromcresol green	1 0220	5.42	4.17 - 6.67	g/dL	
Albumin			54.2	41.7 - 66.7	g/L	
AP	IFCC 37°C	1 0441	206	155 - 258	U/L	
Alkaline phosphatase			3.44	2.58 - 4.30	µkat/L	
	DGKC 1970 37°C	1 0401	330	248 - 413	U/L	
			5.51	4.13 - 6.88	µkat/L	
ALT/GPT	IFCC, with pyridoxal phosphate 37°C	1 2701 +	128	98.9 - 158	U/L	
Alanine aminotransferase			2 5010	2.14	1.65 - 2.63	µkat/L
	without pyridoxal phosphate 37°C	1 2701	130	99.9 - 160	U/L	
			2.16	1.66 - 2.66	µkat/L	
AST/GOT	IFCC, with pyridoxal phosphate 37°C	1 2601 +	180	139 - 222	U/L	
Aspartate aminotransferase			2 5010	3.01	2.31 - 3.70	µkat/L
	without pyridoxal phosphate 37°C	1 2601	190	146 - 234	U/L	
			3.17	2.44 - 3.90	µkat/L	
AMY	EPS G-7	1 0501	230	184 - 276	U/L	
Amylase			3.83	3.06 - 4.59	µkat/L	
PAMY	EPS G-7	1 0551	110	88.3 - 132	U/L	
Pancreatic amylase			1.84	1.47 - 2.21	µkat/L	
APOA1	Immunoturbidimetric	1 7102	200	160 - 240	mg/dL	
Apolipoprotein A1			2.00	1.60 - 2.40	g/L	
APOB	Immunoturbidimetric	1 7112	115	91.8 - 138	mg/dL	
Apolipoprotein B			1.15	0.918 - 1.38	g/L	
BILE	Colorimetric	1 2212	55.4	44.4 - 66.5	µmol/L	
Total Bile Acids	Enzymatic cycling method	1 2238	42.8	34.3 - 51.4	µmol/L	
DBIL	DCA	1 0821	1.60	1.18 - 2.01	mg/dL	
Direct Bilirubin			27.3	20.2 - 34.4	µmol/L	
	Jendrassik-Grof	1 0849	1.88	1.39 - 2.37	mg/dL	
			32.1	23.8 - 40.5	µmol/L	
TBIL	DCA	1 0811	4.61	3.41 - 5.81	mg/dL	
Total Bilirubin			78.8	58.3 - 99.3	µmol/L	
	Jendrassik-Grof	1 0849	5.16	3.82 - 6.50	mg/dL	
			88.2	65.3 - 111	µmol/L	
CA	Arsenazo	1 1130	3.08	2.74 - 3.42	mmol/L	
Calcium			12.3	11.0 - 13.7	mg/dL	
	Phosphonazo	1 1181	3.10	2.76 - 3.44	mmol/L	
			12.4	11.0 - 13.8	mg/dL	
CL	Colorimetric	1 1221	154	140 - 168	mmol/L	
Chloride			545	496 - 594	mg/dL	
CHOL	CHOD-PAP	1 1300 +	232	200 - 265	mg/dL	
Cholesterol			1 1350	6.01	5.17 - 6.85	mmol/L
CHE	Butyrylthiocholin	1 1401	9029	7404 - 10654	U/L	
Cholinesterase			150	123 - 178	µkat/L	
CK	DGKC, IFCC 37°C	1 1601	276	221 - 332	U/L	
Creatine kinase			4.61	3.68 - 5.53	µkat/L	

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02



2023-01-31

DiaSys reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	71.1	56.9 - 85.3	U/L
			1.19	0.948 - 1.42	µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.69	3.66 - 5.73	mg/dL
			415	324 - 506	µmol/L
	Jaffé, with compensation	1 1711	4.92	3.84 - 6.00	mg/dL
			435	339 - 531	µmol/L
Enzymatic PAP	1 1759	4.84	3.78 - 5.91	mg/dL	
		428	334 - 522	µmol/L	
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	100	78.1 - 122	U/L
			1.67	1.30 - 2.04	µkat/L
	Szasz 37°C	1 2801	88.6	69.1 - 108	U/L
GLDH Glutamat dehydrogenase	DGKC 1970 37°C	1 2411	34.7	27.7 - 41.6	U/L
			0.578	0.462 - 0.693	µkat/L
			1.48	1.15 - 1.80	µkat/L
GLUC Glucose	GOD-PAP	1 2500 +	283	238 - 329	mg/dL
			1 2550	15.7	13.2 - 18.2
	HK/G6P-DH	1 2511	279	234 - 323	mg/dL
			15.5	13.0 - 17.9	mmol/L
	Gluc-DH	1 2531	274	230 - 318	mg/dL
15.2	12.8 - 17.7	mmol/L			
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	260	208 - 312	U/L
			4.33	3.46 - 5.19	µkat/L
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	62.5	53.8 - 71.3	mg/dL
			1.62	1.39 - 1.84	mmol/L
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.973	0.778 - 1.17	mmol/L
			10.1	8.10 - 12.2	mg/dL
	β-HBDH 37°C	1 3711	1.07	0.855 - 1.28	mmol/L
11.1	8.90 - 13.4	mg/dL			
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	255	194 - 316	mg/dL
			2.55	1.94 - 3.16	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134	108 - 161	IU/mL
			323	258 - 387	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1355	1084 - 1626	mg/dL
			13.5	10.8 - 16.3	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.1 - 155	mg/dL
			1.21	0.871 - 1.55	g/L
FE Iron	Ferene	1 1911	245	211 - 279	µg/dL
			43.9	37.7 - 50.0	µmol/L
LACT Lactate	LDH UV	1 4001	32.1	25.4 - 38.9	mg/dL
			3.57	2.82 - 4.31	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	295	242 - 348	U/L
			4.92	4.04 - 5.81	µkat/L
	DGKC opt. 1970 37°C	1 4201	478	392 - 563	U/L
7.96	6.53 - 9.39	µkat/L			

DiaSera Level 2 Chemistry Control

LOT 291510

Cat. No. 15140-02



2023-01-31

DiaSys reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	127 3.28	109 - 145 2.82 - 3.74	mg/dL mmol/L
LPS Lipase	Colorimetric	1 4321	101 1.68	80.7 - 121 1.35 - 2.02	U/L µkat/L
MG Magnesium	Xylidyl blue	1 4610	1.95 4.75	1.64 - 2.27 3.99 - 5.51	mmol/L mg/dL
PL Phospholipids	Enzymatic	1 5741	259 3.35	207 - 311 2.68 - 4.01	mg/dL mmol/L
PO3 Phosphorus	Molybdate UV, substrate start	1 5211	7.24 2.34	5.93 - 8.54 1.92 - 2.76	mg/dL mmol/L
	Molybdate UV, sample start	1 5211	7.11 2.29	5.83 - 8.38 1.88 - 2.71	mg/dL mmol/L
K Potassium	Enzymatic	1 5221	7.61 29.8	6.93 - 8.30 27.1 - 32.4	mmol/L mg/dL
Na Sodium	Enzymatic	1 4808	156 358	147 - 165 337 - 380	mmol/L mg/dL
TP Total Protein	Biuret, without sample blank	1 2311	9.76 97.6	8.68 - 10.8 86.8 - 108	g/dL g/L
	Biuret, with sample blank	1 2311	8.61 86.1	7.66 - 9.56 76.6 - 95.6	g/dL g/L
TRF Transferrin	Immunoturbidimetric	1 7252	329 3.29	263 - 395 2.63 - 3.95	mg/dL g/L
TRIG Triglycerides	GPO-PAP	1 5760 1 5710	194 2.19	159 - 229 1.79 - 2.58	mg/dL mmol/L
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	230 41.2	184 - 276 33.0 - 49.4	µg/dL µmol/L
UREA Urea	Urease UV	1 3101	155 25.7	121 - 189 20.1 - 31.4	mg/dL mmol/L
	Colorimetric, Berthelot	1 3115	159 26.4	124 - 193 20.6 - 32.2	mg/dL mmol/L
UA Uric Acid	TBHBA	1 3021	8.25 491	7.10 - 9.41 422 - 559	mg/dL µmol/L
	TOOS	1 3001	8.40 500	7.22 - 9.58 430 - 570	mg/dL µmol/L



diaserve Laboratories GmbH
Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02



2023-01-31

respons⁹¹⁰
DiaSys reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
ALB Albumin	Bromcresol green	1 0220	5.42 54.2	4.17 - 6.67 41.7 - 66.7	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	206 3.44	155 - 258 2.58 - 4.30	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 + 2 5010	128 2.14	98.9 - 158 1.65 - 2.63	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	130 2.16	99.9 - 160 1.66 - 2.66	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 + 2 5010	180 3.01	139 - 222 2.31 - 3.70	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	190 3.17	146 - 234 2.44 - 3.90	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	230 3.83	184 - 276 3.06 - 4.59	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	110 1.84	88.3 - 132 1.47 - 2.21	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	115 1.15	91.8 - 138 0.918 - 1.38	mg/dL g/L
BILE Total Bile Acids	Enzymatic cycling method	1 2238	42.8	34.3 - 51.4	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	4.61 78.8	3.41 - 5.81 58.3 - 99.3	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	3.10 12.4	2.76 - 3.44 11.0 - 13.8	mmol/L mg/dL
CL Chloride	Colorimetric	1 1221	154 545	140 - 168 496 - 594	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	232 6.01	200 - 265 5.17 - 6.85	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	9029 150	7404 - 10654 123 - 178	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	276 4.61	221 - 332 3.68 - 5.53	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	71.1 1.19	56.9 - 85.3 0.948 - 1.42	U/L µkat/L
CREA Creatinine	Jaffé , without compensation	1 1711	4.69 415	3.66 - 5.73 324 - 506	mg/dL µmol/L
	Enzymatic PAP	1 1759	4.84 428	3.78 - 5.91 334 - 522	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	100 1.67	78.1 - 122 1.30 - 2.04	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	283 15.7	238 - 329 13.2 - 18.2	mg/dL mmol/L
	HK/G6P-DH	1 2511	279 15.5	234 - 323 13.0 - 17.9	mg/dL mmol/L

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02



2023-01-31

respons[®]910
DiaSys reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	Unit
HDLC HDL-Cholesterol	Immuno-inhibition	1 3521	62.5 1.62	53.8 - 71.3 1.39 - 1.84	mg/dL mmol/L
HBUT β-Hydroxybutyrate	β-HBDH / Diaphorase 37°C	1 3701	0.973 10.1	0.778 - 1.17 8.10 - 12.2	mmol/L mg/dL
	β-HBDH 37°C	1 3711	1.07 11.1	0.855 - 1.28 8.90 - 13.4	mmol/L mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	255 2.55	194 - 316 1.94 - 3.16	mg/dL g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134 323	108 - 161 258 - 387	IU/mL ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1355 13.5	1084 - 1626 10.8 - 16.3	mg/dL g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121 1.21	87.1 - 155 0.871 - 1.55	mg/dL g/L
FE Iron	Ferene	1 1911	245 43.9	211 - 279 37.7 - 50.0	µg/dL µmol/L
LACT Lactate	LDH UV	1 4001	32.1 3.57	25.4 - 38.9 2.82 - 4.31	mg/dL mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	295 4.92	242 - 348 4.04 - 5.81	U/L µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	127 3.28	109 - 145 2.82 - 3.74	mg/dL mmol/L
LPS Lipase	Colorimetric	1 4321	101 1.68	80.7 - 121 1.35 - 2.02	U/L µkat/L
MG Magnesium	Xylidyl blue	1 4610	1.95 4.75	1.64 - 2.27 3.99 - 5.51	mmol/L mg/dL
PL Phospholipids	Enzymatic	1 5741	259 3.35	207 - 311 2.68 - 4.01	mg/dL mmol/L
PO3 Phosphorus	Molybdate UV	1 5211	7.24 2.34	5.93 - 8.54 1.92 - 2.76	mg/dL mmol/L
K Potassium	Enzymatic	1 5221	7.61 29.8	6.93 - 8.30 27.1 - 32.4	mmol/L mg/dL
Na Sodium	Enzymatic	1 4808	156 358	147 - 165 337 - 380	mmol/L mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.61 86.1	7.66 - 9.56 76.6 - 95.6	g/dL g/L
TRF Transferrin	Immunoturbidimetric	1 7252	329 3.29	263 - 395 2.63 - 3.95	mg/dL g/L
TRIG Triglycerides	GPO-PAP	1 5710	194 2.19	159 - 229 1.79 - 2.58	mg/dL mmol/L
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	230 41.2	184 - 276 33.0 - 49.4	µg/dL µmol/L
UREA Urea	Urease UV	1 3101	155 25.7	121 - 189 20.1 - 31.4	mg/dL mmol/L
UA Uric Acid	TOOS	1 3001	8.40 500	7.22 - 9.58 430 - 570	mg/dL µmol/L




diaserve Laboratories GmbH
Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

respons[®]920
DiaSys reagents

 **IVD**

Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3


Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromcresol green	1 0220	5.42 54.2	4.17 - 6.67 41.7 - 66.7	0.416 4.16	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	206 3.44	155 - 258 2.58 - 4.30	17.2 0.287	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	128	98.9 - 158	9.85	U/L
		2 5010	2.14	1.65 - 2.63	0.164	µkat/L
	without pyridoxal phosphate 37°C	1 2701	130 2.16	99.9 - 160 1.66 - 2.66	9.94 0.166	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	180	139 - 222	13.8	U/L
		2 5010	3.01	2.31 - 3.70	0.230	µkat/L
	without pyridoxal phosphate 37°C	1 2601	190 3.17	146 - 234 2.44 - 3.90	14.6 0.243	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	230 3.83	184 - 276 3.06 - 4.59	15.3 0.255	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	110 1.84	88.3 - 132 1.47 - 2.21	7.36 0.123	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	200 2.00	160 - 240 1.60 - 2.40	13.4 0.134	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	115 1.15	91.8 - 138 0.918 - 1.38	7.65 0.077	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
	DCA	1 0811	4.61 78.8	3.41 - 5.81 58.3 - 99.3	0.400 6.83	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	3.10 12.4	2.76 - 3.44 11.0 - 13.8	0.114 0.455	mmol/L mg/dL
	Colorimetric	1 1221	154 545	140 - 168 496 - 594	4.61 16.4	mmol/L mg/dL
CL Chloride	Direct ISE	960405	134 474	122 - 146 431 - 516	4.01	mmol/L mg/dL
	CHOD-PAP	1 1300	232 6.01	200 - 265 5.17 - 6.85	10.8 0.280	mg/dL mmol/L
	Butyrylthiocholin	1 1401	9029 150	7404 - 10654 123 - 178	542 9.03	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	276 4.61	221 - 332 3.68 - 5.53	18.4 0.307	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	71.1 1.19	56.9 - 85.3 0.948 - 1.42	4.74 0.079	U/L µkat/L
CREA Creatinine	Jaffé , without compensation	1 1711	4.69 415	3.66 - 5.73 324 - 506	0.344 30.4	mg/dL µmol/L
	Enzymatic PAP	1 1759	4.84 428	3.78 - 5.91 334 - 522	0.355 31.4	mg/dL µmol/L
	IFCC, DGKC 1994 37°C	1 2801	100 1.67	78.1 - 122 1.30 - 2.04	7.34 0.122	U/L µkat/L
GLUC Glucose	GOD-PAP	1 2500	283 15.7	238 - 329 13.2 - 18.2	15.1 0.839	mg/dL mmol/L
	HK/G6P-DH	1 2511	279 15.5	234 - 323 13.0 - 17.9	14.9 0.824	mg/dL mmol/L
	Immunoinhibition	1 3521	62.5 1.62	53.8 - 71.3 1.39 - 1.84	2.92 0.075	mg/dL mmol/L

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

respons[®]920
DiaSys reagents

 **IVD**

Updated sheets: <https://www.diaserve.de/en/value-sheet>

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	0.973	0.778 - 1.17	0.065	mmol/L
			10.1	8.10 - 12.2	0.675	mg/dL
	β-HBDH 37°C	1 3711	1.07	0.855 - 1.28	0.071	mmol/L
			11.1	8.90 - 13.4	0.742	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	255	194 - 316	20.4	mg/dL
			2.55	1.94 - 3.16	0.204	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134	108 - 161	8.96	IU/mL
			323	258 - 387	21.5	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1355	1084 - 1626	90.3	mg/dL
			13.5	10.8 - 16.3	0.903	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.1 - 155	11.3	mg/dL
			1.21	0.871 - 1.55	0.113	g/L
FE Iron	Ferene	1 1911	260	223 - 296	12.1	µg/dL
			46.5	40.0 - 53.0	2.17	µmol/L
LACT Lactate	LDH UV	1 4001	32.1	25.4 - 38.9	2.25	mg/dL
			3.57	2.82 - 4.31	0.250	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	295	242 - 348	17.7	U/L
			4.92	4.04 - 5.81	0.295	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	125	107 - 142	5.82	mg/dL
			3.22	2.77 - 3.68	0.150	mmol/L
LPS Lipase	Colorimetric	1 4321	101	80.7 - 121	6.73	U/L
			1.68	1.35 - 2.02	0.112	µkat/L
LI Lithium	Direct ISE	960406	2.12	1.82 - 2.42	0.099	mmol/L
			1.47	1.27 - 1.68	0.069	mg/dL
MG Magnesium	Xylidyl blue	1 4610	1.95	1.64 - 2.27	0.104	mmol/L
			4.75	3.99 - 5.51	0.253	mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	7.24	5.93 - 8.54	0.434	mg/dL
			2.34	1.92 - 2.76	0.140	mmol/L
K Potassium	Enzymatic	1 5221	7.61	6.93 - 8.30	0.228	mmol/L
			29.8	27.1 - 32.4	0.893	mg/dL
	Direct ISE	960403	6.82	6.20 - 7.43	0.205	mmol/L
			26.7	24.3 - 29.1	0.800	mg/dL
Na Sodium	Enzymatic	1 4808	156	147 - 165	3.12	mmol/L
			358	337 - 380	7.17	mg/dL
	Direct ISE	960402	167	157 - 177	3.33	mmol/L
			383	360 - 406	7.66	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.61	7.66 - 9.56	0.316	g/dL
			86.1	76.6 - 95.6	3.16	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	329	263 - 395	21.9	mg/dL
			3.29	2.63 - 3.95	0.219	g/L
TRIG Triglycerides	GPO-PAP	1 5710	194	159 - 229	11.7	mg/dL
			2.19	1.79 - 2.58	0.131	mmol/L
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	230	184 - 276	15.3	µg/dL
			41.2	33.0 - 49.4	2.746	µmol/L
UREA Urea	Urease UV	1 3101	155	121 - 189	11.3	mg/dL
			25.7	20.1 - 31.4	1.89	mmol/L
UA Uric Acid	TOOS	1 3001	8.40	7.22 - 9.58	0.392	mg/dL
			500	430 - 570	23.3	µmol/L




diaserve Laboratories GmbH
Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

respons[®]940
DiaSys reagents

Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3


Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromcresol green	1 0220	5.42 54.2	4.17 - 6.67 41.7 - 66.7	0.416 4.16	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	206 3.44	155 - 258 2.58 - 4.30	17.2 0.287	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 +	128	98.9 - 158	9.85	U/L
		2 5010	2.14	1.65 - 2.63	0.164	µkat/L
	without pyridoxal phosphate 37°C	1 2701	130 2.16	99.9 - 160 1.66 - 2.66	9.94 0.166	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 +	180	139 - 222	13.8	U/L
		2 5010	3.01	2.31 - 3.70	0.230	µkat/L
	without pyridoxal phosphate 37°C	1 2601	190 3.17	146 - 234 2.44 - 3.90	14.6 0.243	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	230 3.83	184 - 276 3.06 - 4.59	15.3 0.255	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	110 1.84	88.3 - 132 1.47 - 2.21	7.36 0.123	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	200 2.00	160 - 240 1.60 - 2.40	13.4 0.134	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	115 1.15	91.8 - 138 0.918 - 1.38	7.65 0.077	mg/dL g/L
DBIL Direct Bilirubin	DCA	1 0821	1.60	1.18 - 2.01	0.138	mg/dL
			27.3	20.2 - 34.4	2.37	µmol/L
TBIL Total Bilirubin	DCA	1 0811	4.61	3.41 - 5.81	0.400	mg/dL
			78.8	58.3 - 99.3	6.83	µmol/L
CA Calcium	Phosphonazo	1 1181	3.10	2.76 - 3.44	0.114	mmol/L
			12.4	11.0 - 13.8	0.455	mg/dL
CL Chloride	Colorimetric	1 1221	154	140 - 168	4.61	mmol/L
			545	496 - 594	16.4	mg/dL
			Direct ISE	960405	134 474	122 - 146 431 - 516
CHOL Cholesterol	CHOD-PAP	1 1300	232 6.01	200 - 265 5.17 - 6.85	10.8 0.280	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	9029 150	7404 - 10654 123 - 178	542 9.03	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	276 4.61	221 - 332 3.68 - 5.53	18.4 0.307	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	71.1 1.19	56.9 - 85.3 0.948 - 1.42	4.74 0.079	U/L µkat/L
CREA Creatinine	Jaffé , without compensation	1 1711	4.69	3.66 - 5.73	0.344	mg/dL
			415	324 - 506	30.4	µmol/L
			Enzymatic PAP	1 1759	4.84 428	3.78 - 5.91 334 - 522
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	100	78.1 - 122	7.34	U/L
			1.67	1.30 - 2.04	0.122	µkat/L
GLUC Glucose	GOD-PAP	1 2500	283	238 - 329	15.1	mg/dL
			15.7	13.2 - 18.2	0.839	mmol/L
			HK/G6P-DH	1 2511	279 15.5	234 - 323 13.0 - 17.9
HDLC HDL-Cholesterol	Immunoinhibition	1 3521	62.5 1.62	53.8 - 71.3 1.39 - 1.84	2.92 0.075	mg/dL mmol/L

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

respons[®]940
DiaSys reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

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	0.973	0.778 - 1.17	0.065	mmol/L
			10.1	8.10 - 12.2	0.675	mg/dL
	β-HBDH 37°C	1 3711	1.07	0.855 - 1.28	0.071	mmol/L
			11.1	8.90 - 13.4	0.742	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	255	194 - 316	20.4	mg/dL
			2.55	1.94 - 3.16	0.204	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134	108 - 161	8.96	IU/mL
			323	258 - 387	21.5	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1355	1084 - 1626	90.3	mg/dL
			13.5	10.8 - 16.3	0.903	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.1 - 155	11.3	mg/dL
			1.21	0.871 - 1.55	0.113	g/L
FE Iron	Ferene	1 1911	260	223 - 296	12.1	µg/dL
			46.5	40.0 - 53.0	2.17	µmol/L
LACT Lactate	LDH UV	1 4001	32.1	25.4 - 38.9	2.25	mg/dL
			3.57	2.82 - 4.31	0.250	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	295	242 - 348	17.7	U/L
			4.92	4.04 - 5.81	0.295	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	125	107 - 142	5.82	mg/dL
			3.22	2.77 - 3.68	0.150	mmol/L
LPS Lipase	Colorimetric	1 4321	101	80.7 - 121	6.73	U/L
			1.68	1.35 - 2.02	0.112	µkat/L
LI Lithium	Direct ISE	960406	2.12	1.82 - 2.42	0.099	mmol/L
			1.47	1.27 - 1.68	0.069	mg/dL
MG Magnesium	Xylidyl blue	1 4610	1.95	1.64 - 2.27	0.104	mmol/L
			4.75	3.99 - 5.51	0.253	mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	7.24	5.93 - 8.54	0.434	mg/dL
			2.34	1.92 - 2.76	0.140	mmol/L
K Potassium	Enzymatic	1 5221	7.61	6.93 - 8.30	0.228	mmol/L
			29.8	27.1 - 32.4	0.893	mg/dL
	Direct ISE	960403	6.82	6.20 - 7.43	0.205	mmol/L
			26.7	24.3 - 29.1	0.800	mg/dL
Na Sodium	Enzymatic	1 4808	156	147 - 165	3.12	mmol/L
			358	337 - 380	7.17	mg/dL
	Direct ISE	960402	167	157 - 177	3.33	mmol/L
			383	360 - 406	7.66	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.61	7.66 - 9.56	0.316	g/dL
			86.1	76.6 - 95.6	3.16	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	329	263 - 395	21.9	mg/dL
			3.29	2.63 - 3.95	0.219	g/L
TRIG Triglycerides	GPO-PAP	1 5710	194	159 - 229	11.7	mg/dL
			2.19	1.79 - 2.58	0.131	mmol/L
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	230	184 - 276	15.3	µg/dL
			41.2	33.0 - 49.4	2.746	µmol/L
UREA Urea	Urease UV	1 3101	155	121 - 189	11.3	mg/dL
			25.7	20.1 - 31.4	1.89	mmol/L
UA Uric Acid	TOOS	1 3001	8.40	7.22 - 9.58	0.392	mg/dL
			500	430 - 570	23.3	µmol/L




diaserve Laboratories GmbH
Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

BioMajesty[®]

JEOL BIOMAJESTY BM6010/C

SIEMENS ADVIA 1200

DiaSys reagents

Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3


Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromcresol green	1 0220	5.42 54.2	4.17 - 6.67 41.7 - 66.7	0.416 4.16	g/dL g/L
AP Alkaline phosphatase	IFCC 37°C	1 0441	206 3.44	155 - 258 2.58 - 4.30	17.2 0.287	U/L µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2701 + 2 5010	128 2.14	98.9 - 158 1.65 - 2.63	9.85 0.164	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2701	130 2.16	99.9 - 160 1.66 - 2.66	9.94 0.166	U/L µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate 37°C	1 2601 + 2 5010	180 3.01	139 - 222 2.31 - 3.70	13.8 0.230	U/L µkat/L
	without pyridoxal phosphate 37°C	1 2601	190 3.17	146 - 234 2.44 - 3.90	14.6 0.243	U/L µkat/L
AMY Amylase	EPS G-7	1 0501	230 3.83	184 - 276 3.06 - 4.59	15.3 0.255	U/L µkat/L
PAMY Pancreatic amylase	EPS G-7	1 0551	110 1.84	88.3 - 132 1.47 - 2.21	7.36 0.123	U/L µkat/L
APOA1 Apolipoprotein A1	Immunoturbidimetric	1 7102	200 2.00	160 - 240 1.60 - 2.40	13.4 0.134	mg/dL g/L
APOB Apolipoprotein B	Immunoturbidimetric	1 7112	115 1.15	91.8 - 138 0.918 - 1.38	7.65 0.077	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	4.61 78.8	3.41 - 5.81 58.3 - 99.3	0.400 6.83	mg/dL µmol/L
CA Calcium	Phosphonazo	1 1181	3.10 12.4	2.76 - 3.44 11.0 - 13.8	0.114 0.455	mmol/L mg/dL
CL Chloride	Indirect ISE	980132	128 454	116 - 139 413 - 495	3.84 13.6	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	1 1300	232 6.01	200 - 265 5.17 - 6.85	10.8 0.280	mg/dL mmol/L
CHE Cholinesterase	Butyrylthiocholin	1 1401	9029 150	7404 - 10654 123 - 178	542 9.03	U/L µkat/L
CK Creatine kinase	DGKC, IFCC 37°C	1 1601	276 4.61	221 - 332 3.68 - 5.53	18.4 0.307	U/L µkat/L
CKMB Creatine kinase	mAK, Immunological method, 37°C	1 1641	71.1 1.19	56.9 - 85.3 0.948 - 1.42	4.74 0.079	U/L µkat/L
CREA Creatinine	Jaffé, without compensation	1 1711	4.69 415	3.66 - 5.73 324 - 506	0.344 30.4	mg/dL µmol/L
	Enzymatic PAP	1 1759	4.84 428	3.78 - 5.91 334 - 522	0.355 31.4	mg/dL µmol/L
GGT γ-Glutamyltransferase	IFCC, DGKC 1994 37°C	1 2801	100 1.67	78.1 - 122 1.30 - 2.04	7.34 0.122	U/L µkat/L
GLUC Glucose	HK/G6P-DH	1 2511	279 15.5	234 - 323 13.0 - 17.9	14.9 0.824	mg/dL mmol/L
HDLC HDL-Cholesterol	Immuno-inhibition	1 3521	62.5 1.62	53.8 - 71.3 1.39 - 1.84	2.92 0.075	mg/dL mmol/L

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

BioMajesty[®]

JEOL BIOMAJESTY BM6010/C

SIEMENS ADVIA 1200

DiaSys reagents

Updated sheets: <https://www.diaserve.de/en/value-sheet>

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	0.973	0.778 - 1.17	0.065	mmol/L
			10.1	8.10 - 12.2	0.675	mg/dL
	β-HBDH 37°C	1 3711	1.07	0.855 - 1.28	0.071	mmol/L
			11.1	8.90 - 13.4	0.742	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	255	194 - 316	20.4	mg/dL
			2.55	1.94 - 3.16	0.204	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134	108 - 161	8.96	IU/mL
			323	258 - 387	21.5	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1355	1084 - 1626	90.3	mg/dL
			13.5	10.8 - 16.3	0.903	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.1 - 155	11.3	mg/dL
			1.21	0.871 - 1.55	0.113	g/L
FE Iron	Ferene	1 1911	245	211 - 279	11.4	µg/dL
			43.9	37.7 - 50.0	2.05	µmol/L
LACT Lactate	LDH UV	1 4001	32.1	25.4 - 38.9	2.25	mg/dL
			3.57	2.82 - 4.31	0.250	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	295	242 - 348	17.7	U/L
			4.92	4.04 - 5.81	0.295	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	127	109 - 145	5.92	mg/dL
			3.28	2.82 - 3.74	0.153	mmol/L
LPS Lipase	Colorimetric	1 4321	101	80.7 - 121	6.73	U/L
			1.68	1.35 - 2.02	0.112	µkat/L
MG Magnesium	Xylidyl blue	1 4610	1.95	1.64 - 2.27	0.104	mmol/L
			4.75	3.99 - 5.51	0.253	mg/dL
PL Phospholipids	Enzymatic	1 5741	259	207 - 311	17.3	mg/dL
			3.35	2.68 - 4.01	0.223	mmol/L
PO3 Phosphorus	Molybdate UV	1 5211	7.24	5.93 - 8.54	0.434	mg/dL
			2.34	1.92 - 2.76	0.140	mmol/L
K Potassium	Indirect ISE	980131	6.85	6.24 - 7.47	0.206	mmol/L
			26.8	24.4 - 29.2	0.804	mg/dL
Na Sodium	Indirect ISE	980130	154	144 - 163	3.07	mmol/L
			353	332 - 374	7.06	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.61	7.66 - 9.56	0.316	g/dL
			86.1	76.6 - 95.6	3.16	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	329	263 - 395	21.9	mg/dL
			3.29	2.63 - 3.95	0.219	g/L
TRIG Triglycerides	GPO-PAP	1 5710	194	159 - 229	11.7	mg/dL
			2.19	1.79 - 2.58	0.131	mmol/L
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	230	184 - 276	15.3	µg/dL
			41.2	33.0 - 49.4	2.75	µmol/L
UREA Urea	Urease UV	1 3101	155	121 - 189	11.3	mg/dL
			25.7	20.1 - 31.4	1.89	mmol/L
UA Uric Acid	TOOS	1 3001	8.40	7.22 - 9.58	0.392	mg/dL
			500	430 - 570	23.3	µmol/L




diaserve Laboratories GmbH
Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

BioMajesty[®]



JEOL BIOMAJESTY BM6010/C

SIEMENS ADVIA 1200

Siemens reagents

Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3


Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB	Bromocresol green	10311832	5.60	4.31 - 6.88	0.429	g/dL
Albumin		ALB	56.0	43.1 - 68.8	4.29	g/L
ALT/GPT	Modified IFCC	10318168	134	103 - 164	10.2	U/L
Alanine aminotransferase		ALT	2.23	1.71 - 2.74	0.171	µkat/L
AST/GOT	Modified IFCC	10341132	190	147 - 234	14.6	U/L
Aspartate aminotransferase		AST	3.17	2.44 - 3.91	0.243	µkat/L
AMY	Ethylidene Blocked-pNPG7	10341130	254	203 - 305	17.0	U/L
Amylase		AMY	4.24	3.39 - 5.09	0.283	µkat/L
BUN	Urease with GLDH	10309051	68.4	53.4 - 83.5	5.02	mg/dL
Urea-N		UN	517	403 - 630	37.9	mmol/L
DBIL	Vandate Oxidation	10316610	1.67	1.24 - 2.10	0.145	mg/dL
Direct Bilirubin		DBIL_2	28.5	21.1 - 36.0	2.47	µmol/L
TBIL	Vanadate oxidation	10341115	5.29	3.91 - 6.66	0.458	mg/dL
Total Bilirubin		TBIL_2	90.4	66.9 - 114	7.84	µmol/L
CA	Arsenazo III	10341116	3.07	2.73 - 3.41	0.113	mmol/L
Calcium		CA_2	12.3	10.9 - 13.6	0.450	mg/dL
CL	Indirect ISE	980132	128	116 - 139	3.84	mmol/L
Chloride			454	413 - 495	13.6	mg/dL
CHOL	Enzymatic	10376501	232	199 - 264	10.8	mg/dL
Cholesterol		CHOL_2	6.00	5.16 - 6.84	0.280	mmol/L
CK	IFCC reference method	10729780	282	226 - 339	18.8	U/L
Creatine kinase		CK-L	4.70	3.76 - 5.64	0.314	µkat/L
CKMB	CKMB	10315502	74.3	59.5 - 89.2	4.96	U/L
Creatine kinase		11266257	1.24	0.991 - 1.49	0.083	µkat/L
CREA	Jaffe, alkaline picrate	10309050	5.11	3.98 - 6.23	0.374	mg/dL
Creatinine		CREA_2	451	352 - 551	33.1	µmol/L
	Creatininase	10335869	4.55	3.55 - 5.55	0.334	mg/dL
		ECRE_2	402	314 - 491	29.5	µmol/L
GGT	Modified IFCC	10316298	98.9	77.2 - 121	7.26	U/L
γ-Glutamyltransferase		GGT	1.65	1.29 - 2.01	0.121	µkat/L
GLUC	Glucose Oxidase	10492319	284	238 - 329	15.1	mg/dL
Glucose		GLUO	15.7	13.2 - 18.3	0.840	mmol/L
	Hexokinase	10335891	281	236 - 326	15.0	mg/dL
		GLUH3	15.6	13.1 - 18.1	0.831	mmol/L
HDLC	Elimination / catalase	10309507	66.8	57.4 - 76.1	3.12	mg/dL
HDL-Cholesterol		D-HDL	1.73	1.49 - 1.97	0.081	mmol/L
FE	Ferrozine	10341118	250	215 - 285	11.6	µg/dL
Iron		IRON_2	44.7	38.4 - 51.0	2.09	µmol/L
LDLC	Elimination / catalase	10311891	156	134 - 178	7.29	mg/dL
LDL-Cholesterol		DLDL	4.04	3.48 - 4.61	0.189	mmol/L
LPS	Colorimetric rate	10311896	89.9	71.9 - 108	6.00	U/L
Lipase		LIP	1.50	1.20 - 1.80	0.100	µkat/L
MG	Xylidyl blue	10309506	1.99	1.67 - 2.30	0.106	mmol/L
Magnesium		MG	4.82	4.05 - 5.60	0.257	mg/dL

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

BioMajesty[®]

JEOL BIOMAJESTY BM6010/C

SIEMENS ADVIA 1200

Siemens reagents

Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
PO3	Phosphomolybdate/UV	10309503	7.09	5.81 - 8.36	0.425	mg/dL
Phosphorus		IP	2.29	1.88 - 2.70	0.137	mmol/L
K	Indirect ISE	980131	6.85	6.24 - 7.47	0.206	mmol/L
Potassium			26.8	24.4 - 29.2	0.804	mg/dL
Na	Indirect ISE	980130	154	144 - 163	3.07	mmol/L
Sodium			353	332 - 374	7.06	mg/dL
TP	Biuret	10311878	8.36	7.44 - 9.28	0.307	g/dL
Total Protein		TP	83.6	74.4 - 92.8	3.07	g/L
TRIG	GPO-Trinder without serum blank	10335892	225	184 - 265	13.5	mg/dL
Triglycerides		TRIG_2	2.53	2.07 - 2.99	0.152	mmol/L
IBCT	Sequential release, uptake of iron	10309071	342	273 - 410	22.8	µg/dL
Iron Binding Capacity Total		TIBC	61.2	48.9 - 73.4	4.08	µmol/L
UREA	Urease with GLDH	10309051	146	114 - 179	10.7	mg/dL
Urea		UN	24.4	19.0 - 29.8	1.79	mmol/L
UA	Uricase/Peroxidase	10309492	8.69	7.47 - 9.90	0.405	mg/dL
Uric Acid		UA	517	444 - 589	24.1	µmol/L




diaserve Laboratories GmbH
Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

SIEMENS ADVIA 1800

DiaSys reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3


Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB	Bromcresol green	1 0220	5.42	4.17 - 6.67	0.416	g/dL
Albumin			54.2	41.7 - 66.7	4.16	g/L
AP	IFCC 37°C	1 0441	206	155 - 258	17.2	U/L
Alkaline phosphatase			3.44	2.58 - 4.30	0.287	µkat/L
ALT/GPT	IFCC, with pyridoxal phosphate 37°C	1 2701 +	128	98.9 - 158	9.85	U/L
Alanine aminotransferase		2 5010	2.14	1.65 - 2.63	0.164	µkat/L
	without pyridoxal phosphate 37°C	1 2701	130	99.9 - 160	9.94	U/L
			2.16	1.66 - 2.66	0.166	µkat/L
AST/GOT	IFCC, with pyridoxal phosphate 37°C	1 2601 +	180	139 - 222	13.8	U/L
Aspartate aminotransferase		2 5010	3.01	2.31 - 3.70	0.230	µkat/L
	without pyridoxal phosphate 37°C	1 2601	190	146 - 234	14.6	U/L
			3.17	2.44 - 3.90	0.243	µkat/L
AMY	EPS G-7	1 0501	230	184 - 276	15.3	U/L
Amylase			3.83	3.06 - 4.59	0.255	µkat/L
PAMY	EPS G-7	1 0551	110	88.3 - 132	7.36	U/L
Pancreatic amylase			1.84	1.47 - 2.21	0.123	µkat/L
APOA1	Immunoturbidimetric	1 7102	200	160 - 240	13.4	mg/dL
Apolipoprotein A1			2.00	1.60 - 2.40	0.134	g/L
APOB	Immunoturbidimetric	1 7112	115	91.8 - 138	7.65	mg/dL
Apolipoprotein B			1.15	0.918 - 1.38	0.077	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	4.61	3.41 - 5.81	0.400	mg/dL
Total Bilirubin			78.8	58.3 - 99.3	6.83	µmol/L
CA	Phosphonazo	1 1181	3.10	2.76 - 3.44	0.114	mmol/L
Calcium			12.4	11.0 - 13.8	0.455	mg/dL
CL	Indirect ISE	980132	128	116 - 139	3.84	mmol/L
Chloride			454	413 - 495	13.6	mg/dL
CHOL	CHOD-PAP	1 1300	232	200 - 265	10.8	mg/dL
Cholesterol			6.01	5.17 - 6.85	0.280	mmol/L
CHE	Butyrylthiocholin	1 1401	9029	7404 - 10654	542	U/L
Cholinesterase			150	123 - 178	9.03	µkat/L
CK	DGKC, IFCC 37°C	1 1601	276	221 - 332	18.4	U/L
Creatine kinase			4.61	3.68 - 5.53	0.307	µkat/L
CKMB	mAK, Immunological method, 37°C	1 1641	71.1	56.9 - 85.3	4.74	U/L
Creatine kinase			1.19	0.948 - 1.42	0.079	µkat/L
CREA	Jaffé, without compensation	1 1711	4.69	3.66 - 5.73	0.344	mg/dL
Creatinine			415	324 - 506	30.4	µmol/L
	Enzymatic PAP	1 1759	4.84	3.78 - 5.91	0.355	mg/dL
				428	334 - 522	31.4
GGT	IFCC, DGKC 1994 37°C	1 2801	100	78.1 - 122	7.34	U/L
γ-Glutamyltransferase			1.67	1.30 - 2.04	0.122	µkat/L
GLUC	HK/G6P-DH	1 2511	279	234 - 323	14.9	mg/dL
Glucose			15.5	13.0 - 17.9	0.824	mmol/L
HDLC	Immunoinhibition	1 3521	62.5	53.8 - 71.3	2.92	mg/dL
HDL-Cholesterol			1.62	1.39 - 1.84	0.075	mmol/L

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

SIEMENS ADVIA 1800

DiaSys reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

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	0.973	0.778 - 1.17	0.065	mmol/L
			10.1	8.10 - 12.2	0.675	mg/dL
	β-HBDH 37°C	1 3711	1.07	0.855 - 1.28	0.071	mmol/L
			11.1	8.90 - 13.4	0.742	mg/dL
IgA Immunoglobulin A	Immunoturbidimetric	1 7202	255	194 - 316	20.4	mg/dL
			2.55	1.94 - 3.16	0.204	g/L
IgE Immunoglobulin E	Immunoturbidimetric	1 7239	134	108 - 161	8.96	IU/mL
			323	258 - 387	21.5	ng/mL
IgG Immunoglobulin G	Immunoturbidimetric	1 7212	1355	1084 - 1626	90.3	mg/dL
			13.5	10.8 - 16.3	0.903	g/L
IgM Immunoglobulin M	Immunoturbidimetric	1 7222	121	87.1 - 155	11.3	mg/dL
			1.21	0.871 - 1.55	0.113	g/L
FE Iron	Ferene	1 1911	245	211 - 279	11.4	µg/dL
			43.9	37.7 - 50.0	2.05	µmol/L
LACT Lactate	LDH UV	1 4001	32.1	25.4 - 38.9	2.25	mg/dL
			3.57	2.82 - 4.31	0.250	mmol/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 37°C	1 4211	295	242 - 348	17.7	U/L
			4.92	4.04 - 5.81	0.295	µkat/L
LDLC LDL-Cholesterol	Homogenous Select, TruCal Lipid	1 4121	127	109 - 145	5.92	mg/dL
			3.28	2.82 - 3.74	0.153	mmol/L
LPS Lipase	Colorimetric	1 4321	101	80.7 - 121	6.73	U/L
			1.68	1.35 - 2.02	0.112	µkat/L
MG Magnesium	Xylidyl blue	1 4610	1.95	1.64 - 2.27	0.104	mmol/L
			4.75	3.99 - 5.51	0.253	mg/dL
PL Phospholipids	Enzymatic	1 5741	259	207 - 311	17.3	mg/dL
			3.35	2.68 - 4.01	0.223	mmol/L
PO3 Phosphorus	Molybdate UV	1 5211	7.24	5.93 - 8.54	0.434	mg/dL
			2.34	1.92 - 2.76	0.140	mmol/L
K Potassium	Indirect ISE	980131	6.85	6.24 - 7.47	0.206	mmol/L
			26.8	24.4 - 29.2	0.804	mg/dL
Na Sodium	Indirect ISE	980130	154	144 - 163	3.07	mmol/L
			353	332 - 374	7.06	mg/dL
TP Total Protein	Biuret, with sample blank	1 2311	8.61	7.66 - 9.56	0.316	g/dL
			86.1	76.6 - 95.6	3.16	g/L
TRF Transferrin	Immunoturbidimetric	1 7252	329	263 - 395	21.9	mg/dL
			3.29	2.63 - 3.95	0.219	g/L
TRIG Triglycerides	GPO-PAP	1 5710	194	159 - 229	11.7	mg/dL
			2.19	1.79 - 2.58	0.131	mmol/L
UIBC Unsat. Iron Binding Cap.	Ferene	1 1921	230	184 - 276	15.3	µg/dL
			41.2	33.0 - 49.4	2.75	µmol/L
UREA Urea	Urease UV	1 3101	155	121 - 189	11.3	mg/dL
			25.7	20.1 - 31.4	1.89	mmol/L
UA Uric Acid	TOOS	1 3001	8.40	7.22 - 9.58	0.392	mg/dL
			500	430 - 570	23.3	µmol/L




diaserve Laboratories GmbH
Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

SIEMENS ADVIA 1800

Siemens reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3


Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB	Bromcresol green	10311832	5.60	4.31 - 6.88	0.429	g/dL
Albumin		ALB	56.0	43.1 - 68.8	4.29	g/L
ALT/GPT	Modified IFCC	10318168	134	103 - 164	10.2	U/L
Alanine aminotransferase		ALT	2.23	1.71 - 2.74	0.171	µkat/L
AST/GOT	Modified IFCC	10341132	190	147 - 234	14.6	U/L
Aspartate aminotransferase		AST	3.17	2.44 - 3.91	0.243	µkat/L
AMY	Ethylidene Blocked-pNPG7	10341130	254	203 - 305	17.0	U/L
Amylase		AMY	4.24	3.39 - 5.09	0.283	µkat/L
BUN	Urease with GLDH	10309051	68.4	53.4 - 83.5	5.02	mg/dL
Urea-N		UN	24.4	19.0 - 29.8	1.79	mmol/L
DBIL	Vandate Oxidation	10316610	1.67	1.24 - 2.10	0.145	mg/dL
Direct Bilirubin		DBIL_2	28.5	21.1 - 36.0	2.47	µmol/L
TBIL	Vanadate oxidation	10341115	5.29	3.91 - 6.66	0.458	mg/dL
Total Bilirubin		TBIL_2	90.4	66.9 - 114	7.84	µmol/L
CA	Arsenazo III	10341116	3.07	2.73 - 3.41	0.113	mmol/L
Calcium		CA_2	12.3	10.9 - 13.6	0.450	mg/dL
CL	Indirect ISE	980132	128	116 - 139	3.84	mmol/L
Chloride			454	413 - 495	13.6	mg/dL
CHOL	Enzymatic	10376501	232	199 - 264	10.8	mg/dL
Cholesterol		CHOL_2	6.00	5.16 - 6.84	0.280	mmol/L
CK	IFCC reference method	10729780	282	226 - 339	18.8	U/L
Creatine kinase		CK_L	4.70	3.76 - 5.64	0.314	µkat/L
CKMB	CKMB	10315502	74.3	59.5 - 89.2	4.96	U/L
Creatine kinase		11266257	1.24	0.991 - 1.49	0.083	µkat/L
CREA	Jaffe, alkaline picrate	10309050	5.11	3.98 - 6.23	0.374	mg/dL
Creatinine		CREA_2	451	352 - 551	33.1	µmol/L
	Creatininase	10335869	4.55	3.55 - 5.55	0.334	mg/dL
		ECRE_2	402	314 - 491	29.5	µmol/L
GGT	Modified IFCC	10316298	98.9	77.2 - 121	7.26	U/L
γ-Glutamyltransferase		GGT	1.65	1.29 - 2.01	0.121	µkat/L
GLUC	Glucose Oxidase	10492319	284	238 - 329	15.1	mg/dL
Glucose		GLUO	15.7	13.2 - 18.3	0.840	mmol/L
	Hexokinase	10335891	281	236 - 326	15.0	mg/dL
		GLUH3	15.6	13.1 - 18.1	0.831	mmol/L
HDLC	Elimination / catalase	10309507	66.8	57.4 - 76.1	3.12	mg/dL
HDL-Cholesterol		D-HDL	1.73	1.49 - 1.97	0.081	mmol/L
FE	Ferrozine	10341118	250	215 - 285	11.6	µg/dL
Iron		IRON_2	44.7	38.4 - 51.0	2.09	µmol/L
LDLC	Elimination / catalase	10311891	156	134 - 178	7.29	mg/dL
LDL-Cholesterol		DLDL	4.04	3.48 - 4.61	0.189	mmol/L
LPS	Colorimetric rate	10311896	89.9	71.9 - 108	6.00	U/L
Lipase		LIP	1.50	1.20 - 1.80	0.100	µkat/L
MG	Xylidyl blue	10309506	1.99	1.67 - 2.30	0.106	mmol/L
Magnesium		MG	4.82	4.05 - 5.60	0.257	mg/dL
PO3	Phosphomolybdate/UV	10309503	7.09	5.81 - 8.36	0.425	mg/dL
Phosphorus		IP	2.29	1.88 - 2.70	0.137	mmol/L
K	Indirect ISE	980131	6.85	6.24 - 7.47	0.206	mmol/L
Potassium			26.8	24.4 - 29.2	0.804	mg/dL
Na	Indirect ISE	980130	154	144 - 163	3.07	mmol/L
Sodium			353	332 - 374	7.06	mg/dL

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

SIEMENS ADVIA 1800

Siemens reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
TP	Biuret	10311878	8.36	7.44 - 9.28	0.307	g/dL
Total Protein		TP	83.6	74.4 - 92.8	3.07	g/L
TRIG	GPO-Trinder without serum blank	10335892	225	184 - 265	13.5	mg/dL
Triglycerides		TRIG_2	2.53	2.07 - 2.99	0.152	mmol/L
IBCT	Sequential release, uptake of iron	10309071	342	273 - 410	22.8	µg/dL
Iron Binding Capacity Total		TIBC	61.2	48.9 - 73.4	4.08	µmol/L
UREA	Urease with GLDH	10309051	146	114 - 179	10.7	mg/dL
Urea		UN	24.4	19.0 - 29.8	1.79	mmol/L
UA	Uricase/Peroxidase	10309492	8.69	7.47 - 9.90	0.405	mg/dL
Uric Acid		UA	517	444 - 589	24.1	µmol/L




diaserve Laboratories GmbH
 Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

SIEMENS DIMENSION ExL/RxL/Expand

Siemens reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3


Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromocresol purple	DF13	5.11 51.1	3.93 - 6.28 39.3 - 62.8	0.392 3.92	g/dL g/L
AP Alkaline phosphatase	P-Nitrophenylphosphat	DF150	214 3.57	161 - 268 2.68 - 4.46	17.8 0.297	U/L µkat/L
ALT/GPT Alanine aminotransferase	Pyridoxal-5-Phosphate / Lactatdehydrogenase	DF143	133 2.22	103 - 164 1.71 - 2.74	10.2 0.171	U/L µkat/L
AST/GOT Aspartate aminotransferase	Pyridoxal-5-Phosphate / Malatdehydrogenase	DF41A	168 2.80	130 - 207 2.16 - 3.45	12.9 0.215	U/L µkat/L
AMY Amylase	CNPG3	DF17A	246 4.10	197 - 295 3.28 - 4.92	16.4 0.273	U/L µkat/L
BUN Urea-N	Urease with GLDH	11097593	69.1 24.6	53.9 - 84.3 19.2 - 30.1	5.07 1.81	mg/dL mmol/L
DBIL Direct Bilirubin	Diazotized sulfanil acide	DF125	1.10 18.8	0.814 - 1.39 13.9 - 23.7	0.095 1.63	mg/dL µmol/L
TBIL Total Bilirubin	Diazotized sulfanil acide	DF167	4.38 74.9	3.24 - 5.52 55.4 - 94.4	0.380 6.49	mg/dL µmol/L
CA Calcium	O-Cresophtalein complex	DF23A	3.09 12.3	2.75 - 3.43 11.0 - 13.7	0.113 0.453	mmol/L mg/dL
CL Chloride	Multisensor, indirect potentiometric	S600	122 433	111 - 133 394 - 472	3.66 13.0	mmol/L mg/dL
CHOL Cholesterol	CHOD-PAP	DF27	194 5.03	167 - 222 4.32 - 5.73	9.08 0.235	mg/dL mmol/L
CK Creatine kinase	Creatinphosphate / ADP / G6-Phosphat Dehydrogenase	DF38	263 4.38	210 - 315 3.50 - 5.26	17.5 0.292	U/L µkat/L
CKMB Creatine kinase	Immunoinhibition of CK-M	DF32	77.2 1.29	61.8 - 92.6 1.03 - 1.54	5.15 0.086	U/L µkat/L
CREA Creatinine	Alkaline Picrate, Jaffe	DF33B	4.98 440	3.88 - 6.07 343 - 537	0.365 32.3	mg/dL µmol/L
GGT γ-Glutamyltransferase	GCNA with Glycyllycin	DF45A	113 1.88	87.8 - 137 1.46 - 2.29	8.26 0.138	U/L µkat/L
GLUC Glucose	Hexokinase/G6-PDH	DF40	285 15.8	240 - 331 13.3 - 18.4	15.2 0.844	mg/dL mmol/L
HDLC HDL-Cholesterol	Cholesterol oxidase / esterase	DF48B	61.7 1.60	53.1 - 70.4 1.37 - 1.82	2.88 0.074	mg/dL mmol/L
FE Iron	Ferene	DF85	239 42.8	206 - 273 36.8 - 48.8	11.2 2.00	µg/dL µmol/L
LDH Lactate dehydrogenase	Lactate / pyruvate	DF54	283 4.72	232 - 334 3.87 - 5.57	17.0 0.283	U/L µkat/L
LDLC LDL-Cholesterol	Cholesterol esterase / oxidase	DF131	125 3.24	108 - 143 2.78 - 3.69	5.84 0.151	mg/dL mmol/L
LPS Lipase	Colorimetric Glycerin derivat	DF56	474 7.89	379 - 568 6.31 - 9.47	31.6 0.526	U/L µkat/L
MG Magnesium	Methylthymol blue-complex	DF57	2.04 4.96	1.71 - 2.37 4.17 - 5.75	0.109 0.265	mmol/L mg/dL
PO3 Phosphorus	Molybdate UV	DF61A	6.63 2.142	5.44 - 7.83 1.756 - 2.53	0.398 0.129	mg/dL mmol/L
K Potassium	Multisensor, indirect potentiometric	S600	7.01 27.4	6.38 - 7.64 25.0 - 29.9	0.210 0.823	mmol/L mg/dL
Na Sodium	Multisensor, indirect potentiometric	S600	156 359	147 - 166 337 - 380	3.12 7.18	mmol/L mg/dL

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

SIEMENS DIMENSION ExL/RxL/Expand

Siemens reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
TP	Biuret	DF73	9.20	8.19 - 10.2	0.337	g/dL
Total Protein			92.0	81.9 - 102	3.37	g/L
TRIG	GPO-PAP	DF69A	204	168 - 241	12.3	mg/dL
Triglycerides			2.30	1.89 - 2.72	0.138	mmol/L
IBCT	Ferene	DF84	431	344 - 517	28.7	µg/dL
Total Iron Binding Capacity			77.1	61.7 - 92.5	5.14	µmol/L
UREA	Urease, Glutamatdehydrogenase	DF21	148	115 - 180	10.8	mg/dL
Urea			24.6	19.2 - 30.1	1.81	mmol/L
UA	Uricase/Allantoin	DF77	8.06	6.93 - 9.19	0.376	mg/dL
Uric Acid			479	412 - 547	22.4	µmol/L




diaserve Laboratories GmbH
 Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

PENTRA C200/C400

Horiba reagents



Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB	Bromcresol green	A11A01664	5.17	3.98 - 6.36	0.396	g/dL
Albumin			51.7	39.8 - 63.6	3.96	g/L
AP	IFCC AMP buffer	A11A01626	227	170 - 283	18.9	U/L
Alkaline phosphatase			3.78	2.83 - 4.72	0.315	µkat/L
ALT/GPT	Modified IFCC	A11A01627	139	107 - 172	10.7	U/L
Alanine aminotransferase			2.32	1.79 - 2.86	0.178	µkat/L
AST/GOT	Modified IFCC	A11A01629	195	150 - 240	15.0	U/L
Aspartate aminotransferase			3.26	2.51 - 4.01	0.250	µkat/L
AMY	EPS G-7	A11A01628	262	210 - 314	17.5	U/L
Amylase			4.37	3.49 - 5.24	0.291	µkat/L
DBIL	DCA	A11A01636	1.69	1.25 - 2.13	0.147	mg/dL
Direct Bilirubin			28.9	21.4 - 36.4	2.51	µmol/L
TBIL	DCA	A11A01639	5.14	3.80 - 6.47	0.445	mg/dL
Total Bilirubin			87.9	65.0 - 111	7.62	µmol/L
CA	Arsenazo	A11A01633	3.09	2.75 - 3.43	0.113	mmol/L
Calcium			12.4	11.0 - 13.7	0.453	mg/dL
CHOL	CHOD-PAP	A11A01634	235	202 - 268	11.0	mg/dL
Cholesterol			6.08	5.23 - 6.93	0.284	mmol/L
CK	N Actylcysteine IFCC/SFBC/DGKC	A11A01632	264	211 - 317	17.6	U/L
Creatine kinase			4.40	3.52 - 5.28	0.294	µkat/L
CKMB	NAC - Immunoinhibition DGKC/IFCC	A11A01643	37.1	29.7 - 44.5	2.47	U/L
Creatine kinase			0.618	0.494 - 0.741	0.041	µkat/L
CREA	Alkaline picrate, Jaffe	A11A01933	4.34	3.39 - 5.30	0.319	mg/dL
Creatinine			384	299 - 468	28.2	µmol/L
GGT	Szasz	A11A01630	94.8	73.9 - 116	6.95	U/L
γ-Glutamyltransferase			1.58	1.23 - 1.93	0.116	µkat/L
GLUC	Oxidase, GOD-POD Trinder	A11A01668	270	227 - 314	14.4	mg/dL
Glucose			15.0	12.6 - 17.4	0.801	mmol/L
HDLC	Direct, without precipitation	A11A01636	73.9	63.5 - 84.2	3.45	mg/dL
HDL-Cholesterol			1.91	1.64 - 2.18	0.089	mmol/L
FE	Ferene	A11A01637	198	170 - 225	9.22	µg/dL
Iron			35.4	30.4 - 40.3	1.65	µmol/L
LDH	PL DGKC	A11A01824	512	420 - 604	30.7	U/L
Lactate dehydrogenase			8.53	6.99 - 10.1	0.512	µkat/L
LDLC	Direct, without precipitation	A11A01638	138	118 - 157	6.43	mg/dL
LDL-Cholesterol			3.56	3.06 - 4.06	0.166	mmol/L
LPS	Enzymatic colorimetric	A11A01631	98.7	79.0 - 118	6.58	U/L
Lipase			1.64	1.32 - 1.97	0.110	µkat/L
MG	Xylidyl blue	A11A01646	1.82	1.53 - 2.11	0.097	mmol/L
Magnesium			4.42	3.72 - 5.13	0.236	mg/dL
PO3	Molybdate UV	A11A01665	7.23	5.93 - 8.53	0.434	mg/dL
Phosphorus			2.33	1.91 - 2.76	0.140	mmol/L
TP	Biuret	A11A01933	8.30	7.39 - 9.21	0.304	g/dL
Total Protein			83.0	73.9 - 92.1	3.04	g/L
TRIG	GPO-PAP	A11A01640	187	153 - 221	11.2	mg/dL
Triglycerides			2.11	1.73 - 2.49	0.126	mmol/L
UREA	Urease with GLDH	A11A01641	131	102 - 160	9.63	mg/dL
Urea			21.9	17.0 - 26.7	1.60	mmol/L
UA	Uricase	A11A01670	7.80	6.70 - 8.89	0.364	mg/dL
Uric Acid			464	399 - 529	21.6	µmol/L




diaserve Laboratories GmbH
Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

SIEMENS ATELLICA SOLUTION



SIEMENS ATELLICA DIRECT LOAD CH930

Siemens reagents

Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3


Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
ALB Albumin	Bromcresol green	11097590	5.77	4.45 - 7.10	0.443	g/dL
			57.7	44.5 - 71.0	4.43	g/L
	Bromcresol purple	11097530	4.73	3.65 - 5.82	0.363	g/dL
			47.3	36.5 - 58.2	3.63	g/L
AP Alkaline phosphatase	IFCC	11097600	218	163 - 272	18.1	U/L
			3.63	2.72 - 4.54	0.302	µkat/L
ALT/GPT Alanine aminotransferase	IFCC, with pyridoxal phosphate	11097638	139	107 - 171	10.7	U/L
			2.32	1.79 - 2.85	0.178	µkat/L
	modified IFCC 37°C without pyridoxal phosphate	11097605	145	112 - 179	11.1	U/L
			2.42	1.87 - 2.98	0.186	µkat/L
AST/GOT Aspartate aminotransferase	IFCC, with pyridoxal phosphate	11097639	178	137 - 219	13.6	U/L
			2.97	2.28 - 3.65	0.227	µkat/L
	modified IFCC 37°C without pyridoxal phosphate	11097607	203	156 - 250	15.6	U/L
			3.39	2.61 - 4.16	0.260	µkat/L
AMY Amylase	Ethylidene Blocked-pNPG7	11097603	203	163 - 244	13.5	U/L
			3.39	2.71 - 4.06	0.226	µkat/L
BUN Urea-N	Urease with GLDH	11097593	69.3	54.0 - 84.5	5.08	mg/dL
			24.8	19.3 - 30.2	1.82	mmol/L
DBIL Direct Bilirubin	Vanadate oxidation	11097532	1.77	1.31 - 2.24	0.154	mg/dL
			30.4	22.5 - 38.2	2.63	µmol/L
TBIL Total Bilirubin	Vanadate oxidation	11097531	5.16	3.82 - 6.50	0.447	mg/dL
			88.2	65.3 - 111	7.64	µmol/L
CA Calcium	Arsenazo	11097644	3.18	2.83 - 3.52	0.116	mmol/L
			12.7	11.3 - 14.1	0.466	mg/dL
CL Chloride	Indirect ISE	11099315	133	121 - 145	3.99	mmol/L
			472	429 - 514	14.1	mg/dL
CHOL Cholesterol	CHOD-PAP	11097609	230	198 - 262	10.7	mg/dL
			5.95	5.12 - 6.78	0.278	mmol/L
CK Creatine kinase	Enzymatic	11097640	253	202 - 303	16.8	U/L
			4.21	3.37 - 5.05	0.281	µkat/L
CREA Creatinine	Alkaline picrate, Jaffe	11097596	4.98	3.89 - 6.08	0.365	mg/dL
			440	344 - 537	32.3	µmol/L
	Enzymatic	11097533	4.57	3.56 - 5.57	0.335	mg/dL
GGT γ-Glutamyltransferase	Modified IFCC	11097597	404	315 - 492	29.6	µmol/L
			99.7	77.8 - 122	7.31	U/L
GLUC Glucose	Hexokinase	11097592	1.66	1.30 - 2.03	0.122	µkat/L
			282	237 - 327	15.0	mg/dL
HDLC HDL-Cholesterol	Elimination / catalase	11097630	15.6	13.1 - 18.1	0.834	mmol/L
			60.8	52.3 - 69.3	2.84	mg/dL
FE Iron	Ferrozine	11097601	1.57	1.35 - 1.79	0.073	mmol/L
			253	218 - 288	11.8	µg/dL
LDH Lactate dehydrogenase	Lactate / NAD	11097594	45.3	39.0 - 51.6	2.11	µmol/L
			279	228 - 329	16.7	U/L
LDLC LDL-Cholesterol	Elimination / catalase	11097632	4.64	3.81 - 5.48	0.279	µkat/L
			143	123 - 163	6.66	mg/dL
LPS Lipase	Colorimetric rate	11097606	3.69	3.17 - 4.21	0.172	mmol/L
			99.5	79.6 - 119	6.63	U/L
			1.66	1.33 - 1.99	0.111	µkat/L

DiaSera Level 2

Chemistry Control

LOT 291510

Cat. No. 15140-02

 2023-01-31

SIEMENS ATELLICA SOLUTION



SIEMENS ATELLICA DIRECT LOAD CH930

Siemens reagents

Updated sheets: <https://www.diaserve.de/en/value-sheet>

Value sheet version: 3

Short Name / Analyte	Method	Reagent ID	Value	Range	1 SD	Unit
MG	Xylidyl blue	11097612	1.99	1.67 - 2.30	0.106	mmol/L
Magnesium			4.82	4.05 - 5.60	0.257	mg/dL
PO3	Phosphomolybdate	11097611	7.14	5.86 - 8.43	0.428	mg/dL
Phosphorus			2.306	1.891 - 2.72	0.138	mmol/L
K	Indirect ISE	11099315	6.86	6.24 - 7.48	0.206	mmol/L
Potassium			26.8	24.4 - 29.2	0.805	mg/dL
Na	Indirect ISE	11099315	156	147 - 166	3.13	mmol/L
Sodium			360	338 - 381	7.19	mg/dL
TP	Biuret	11097604	8.44	7.51 - 9.37	0.309	g/dL
Total Protein			84.4	75.1 - 93.7	3.09	g/L
TRIG	GPO	11097591	210	172 - 248	12.6	mg/dL
Triglycerides			2.37	1.94 - 2.79	0.142	mmol/L
IBCT	Sequential release and uptake of iron	11097601	378	302 - 453	25.2	µg/dL
Total Iron Binding Capacity			67.7	54.1 - 81.2	4.51	µmol/L
UREA	Urease with GLDH	11097593	149	116 - 182	10.9	mg/dL
Urea			24.8	19.3 - 30.2	1.82	mmol/L
UA	Uricase/Peroxidase	11097608	8.70	7.48 - 9.92	0.406	mg/dL
Uric Acid			517	445 - 590	24.1	µmol/L



diaserve Laboratories GmbH
Seeshaupter Str. 27 82393 Iffeldorf Germany
www.diaserve.de