



Short Name / Analyte	Method*	Reagent ID	Traceability	Value	Unit
ALB	Bromcresol green	1 0220	ERM-DA 470	3.74	g/dL
Albumin				37.4	g/L
AP	IFCC 37°C	1 0441	IFCC recommended formulation	227	U/L
Alkaline Phosphatase			37°C	3.79	µkat/L
ALT/GPT	IFCC	1 2701 +	Original IFCC formulation	96.8	U/L
Alanine aminotransferase	with pyridoxal phosphate 37°C	2 5010	37°C	1.61	µkat/L
	w/o pyridoxal phosphate 37°C	1 2701	Modified IFCC formulation	98.5	U/L
			ε NADH, 37°C	1.64	µkat/L
AST/GOT	IFCC	1 2601 +	Original IFCC formulation	97.6	U/L
Aspartate aminotransferase	with pyridoxal phosphate 37°C	2 5010	37°C	1.63	µkat/L
	w/o pyridoxal phosphate 37°C	1 2601	Modified IFCC formulation	100	U/L
			ε NADH, 37°C	1.67	µkat/L
AMY	EPS G-7	1 0501	Original IFCC formulation	182	U/L
Amylase			37°C	3.04	µkat/L
PAMY	EPS G-7	1 0551	Modified IFCC formulation	165	U/L
Pancreatic amylase			ε p-Nitrophenol, 37°C	2.75	µkat/L
DBIL	DCA	1 0821	Jendrassik-Grof	2.38	mg/dL
Direct Bilirubin				40.8	µmol/L
				23.8	mg/L
TBIL	DCA	1 0811	SRM 916a	4.04	mg/dL
Total Bilirubin				69.0	µmol/L
				40.4	mg/L
BUN	Urease UV	1 3101	SRM 909b Level 1	49.3	mg/dL
Urea N				17.6	mmol/L
				0.493	g/L
	Colorimetric, Berthelot	1 3115	SRM 909b Level 1	46.7	mg/dL
				16.6	mmol/L
				0.467	g/L
CA	Arsenazo	1 1130	AAS	2.55	mmol/L
Calcium				5.10	mval/L
				10.2	mg/dL
	Phosphonazo	1 1181	AAS	2.74	mmol/L
				5.47	mval/L
				11.0	mg/dL
CHOL	CHOD-PAP	1 1300	GC-IDMS	161	mg/dL
Cholesterol				4.17	mmol/L
				1.61	g/L
CHE	Butyrylthiocholin	1 1401	DGKC recommended formulation	4902	U/L
Cholinesterase			37°C	81.7	µkat/L
CK	DGKC opt.	1 1601	Original IFCC formulation	391	U/L
Creatine kinase	IFCC 37°C		37°C	6.51	µkat/L
CREA	Enzymatic PAP	1 1759	GC-IDMS	3.97	mg/dL
Creatinine				351	µmol/L
				39.7	mg/L
	Jaffé, w/o compensation	1 1711	GC-IDMS	3.96	mg/dL
				350	µmol/L
				39.6	mg/L
	Jaffé, with compensation	1 1711	GC-IDMS	4.39	mg/dL
				388	µmol/L
				43.9	mg/L
FE	Ferene	1 1911	SRM 682	194	µg/dL
Iron				34.8	µmol/L
				1.94	mg/L
	Ferene respons@920	1 1911	SRM 682	196	µg/dL
				35.1	µmol/L
				1.96	mg/L

Proline TruCal U

LOT 35523

Cat. No. 5 9100 99 88 064 (6 x 3 mL)



2025-12-31

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Value sheet version: 1

Short Name / Analyte	Method*	Reagent ID	Traceability	Value	Unit
GGT γ-Glutamyltransferase	Szasz liquid stand. Szasz	1 2801	Original formulation	86.2	U/L
			Persijn/v.d.Slik 1976, 37°C	1.44	μkat/L
	Szasz liquid stand. IFCC	1 2801	Original IFCC formulation	97.4	U/L
GLDH Glutamate dehydrogenase			37°C	1.62	μkat/L
	DGKC 1970 37°C	1 2411	DGKC recommended formulation	25.1	U/L
GLUC Glucose			37°C	0.418	μkat/L
	GOD-PAP (10 min.)	1 2500	ID-MS	193	mg/dL
	HK/G6P-DH	1 2511		10.7	mmol/L
HBDH α-Hydroxybutyrate dehydro.				1.93	g/L
	DGKC 37°C	1 3201	DGKC recommended formulation	261	U/L
LACT Lactate			37°C	4.35	μkat/L
	LDH UV	1 4001	Primary reference material	28.0	mg/dL
				3.10	mmol/L
LDH Lactate dehydrogenase				280	mg/L
	IFCC, modified	1 4251	Original IFCC formulation	266	U/L
LPS Lipase			37°C	4.44	μkat/L
	Colorimetric	1 4321	Molar absorbance coefficient	110	U/L
MG Magnesium				1.83	μkat/L
	Xylidyl blue	1 4610	AAS	1.15	mmol/L
				2.30	mval/L
PO3 Phosphorus				2.80	mg/dL
	Molybdate UV	1 5211	Internal Standard	5.65	mg/dL
				1.83	mmol/L
TP Total Protein				56.5	mg/L
	Biuret, with sample blank	1 2311	Modified Biuret method	5.58	g/dL
				55.8	g/L
	Biuret, w/o sample blank	1 2311	Modified Biuret method	6.08	g/dL
				60.8	g/L
TRIG Triglycerides	GPO-PAP	1 5710	GC-IDMS	133	mg/dL
				1.50	mmol/L
				1.33	g/L
UIBC Unsat. Iron Binding Cap.	Ferene / Ferrozine	1 1921	Internal Standard	220	μg/dL
				39.3	μmol/L
				2.20	mg/L
UREA Urea	Urease UV	1 3101	SRM 909b Level 1	106	mg/dL
				17.6	mmol/L
				1.06	g/L
UA Uric Acid	Uricase - TOOS	1 3001	GC ID-MS	5.10	mg/dL
				303	μmol/L
				51.0	mg/L
	Uricase - TBHBA	1 3021	GC ID-MS	5.19	mg/dL
				309	μmol/L
				51.9	mg/L

*This value sheet is short version. For other methods, please ask your distributors or email to technical.support@proline.co.id**DiaSys Diagnostic Systems GmbH**

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