

Cat. No. 5 9100 99 10 063 (20 x 3 mL)  
 5 9100 99 10 064 (6 x 3 mL)

[www.proline.co.id/user-area/documents/value-sheets/](http://www.proline.co.id/user-area/documents/value-sheets/)

Value sheet version: 2

Short Name / Analyte	Method*	Reagent ID	Traceability	Value	Unit
<b>ALB</b>	Bromcresol green	1 0220	ERM-DA 470	3.64	g/dL
Albumin				36.4	g/L
<b>AP</b>	DGKC 1970 37°C	1 0401	DGKC recommended formulation	500	U/L
Alkaline phosphatase	IFCC 37°C	1 0441	IFCC recommended formulation	8.33	µkat/L
			37°C	255	U/L
			37°C	4.24	µkat/L
<b>ALT/GPT</b>	IFCC	1 2701 +	Original IFCC formulation	95.8	U/L
Alanine aminotransferase	with pyridoxal phosphate 37°C	2 5010	37°C	1.60	µkat/L
	w/o pyridoxal phosphate 37°C	1 2701	Modified IFCC formulation	98.3	U/L
			ε NADH, 37°C	1.64	µkat/L
<b>AST/GOT</b>	IFCC	1 2601 +	Original IFCC formulation	100	U/L
Aspartate aminotransferase	with pyridoxal phosphate 37°C	2 5010	37°C	1.67	µkat/L
	w/o pyridoxal phosphate 37°C	1 2601	Modified IFCC formulation	103	U/L
			ε NADH, 37°C	1.72	µkat/L
<b>AMY</b>	EPS G-7	1 0501	Original IFCC formulation	181	U/L
Amylase			37°C	3.01	µkat/L
<b>PAMY</b>	EPS G-7	1 0551	Modified IFCC formulation	167	U/L
Pancreatic amylase			ε p-Nitrophenol, 37°C	2.79	µkat/L
<b>DBIL</b>	DCA	1 0821	Jendrassik-Grof	2.45	mg/dL
Direct Bilirubin				41.9	µmol/L
				24.5	mg/L
<b>TBIL</b>	DCA	1 0811	SRM 916a	4.11	mg/dL
Total Bilirubin				70.2	µmol/L
				41.1	mg/L
<b>BUN</b>	Urease UV	1 3101	SRM 909b Level 1	49.5	mg/dL
Urea N				17.6	mmol/L
				0.495	g/L
	Colorimetric, Berthelot	1 3115	SRM 909b Level 1	51.3	mg/dL
				18.3	mmol/L
				0.513	g/L
<b>CA</b>	Arsenazo	1 1130	AAS	2.53	mmol/L
Calcium				5.05	mval/L
				10.1	mg/dL
	Phosponazo	1 1181	AAS	2.73	mmol/L
				5.46	mval/L
				10.9	mg/dL
<b>CHOL</b>	CHOD-PAP	1 1300	GC-IDMS	160	mg/dL
Cholesterol		1 1350		4.13	mmol/L
				1.60	g/L
<b>CHE</b>	Butyrylthiocholin	1 1401	DGKC recommended formulation	4734	U/L
Cholinesterase			37°C	78.9	µkat/L
<b>CK</b>	DGKC opt.	1 1601	Original IFCC formulation	361	U/L
Creatine kinase	IFCC 37°C		37°C	6.02	µkat/L
<b>CREA</b>	Enzymatic PAP	1 1759	GC-IDMS	3.81	mg/dL
Creatinine				337	µmol/L
				38.1	mg/L
	Jaffé, w/o compensation	1 1711	GC-IDMS	3.81	mg/dL
				336	µmol/L
				38.1	mg/L
	Jaffé, with compensation	1 1711	GC-IDMS	4.30	mg/dL
				380	µmol/L
				43.0	mg/L
<b>FE</b>	Ferene	1 1911	SRM 682	192	µg/dL
Iron				34.4	µmol/L
				1.92	mg/L
	Ferene respons@920	1 1911	SRM 682	198	µg/dL
				35.4	µmol/L
				1.98	mg/L

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<b>GGT</b> γ-Glutamyltransferase	Szasz liquid stand. Szasz	1 2801	Original formulation	87.3	U/L
			Persijn/v.d.Slik 1976, 37°C	1.46	µkat/L
	Szasz liquid stand. IFCC	1 2801	Original IFCC formulation	98.7	U/L
			37°C	1.65	µkat/L
<b>GLDH</b> Glutamate dehydrogenase	DGKC 1970 37°C	1 2411	DGKC recommended formulation	25.9	U/L
			37°C	0.432	µkat/L
<b>GLUC</b> Glucose	GOD-PAP (10 min.)	1 2500	ID-MS	189	mg/dL
	GOD-PAP (5 min.)	1 2550		10.5	mmol/L
	HK/G6P-DH	1 2511		1.89	g/L
	Gluc-DH	1 2531			
<b>HBDH</b> α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	DGKC recommended formulation	263	U/L
			37°C	4.39	µkat/L
<b>LACT</b> Lactate	LDH UV	1 4001	Primary reference material	28.1	mg/dL
				3.12	mmol/L
				281	mg/L
<b>LDH</b> Lactate dehydrogenase	IFCC, DGKC 1994	1 4211	Original IFCC formulation	245	U/L
			37°C	4.09	µkat/L
	DGKC 1970	1 4201	DGKC recommended formulation	420	U/L
			37°C	7.00	µkat/L
	IFCC, modified	1 4251	Original IFCC formulation	239	U/L
			37°C	3.99	µkat/L
<b>LPS</b> Lipase	Colorimetric	1 4321	Molar absorbance coefficient	102	U/L
				1.70	µkat/L
<b>MG</b> Magnesium	Xylidyl blue	1 4610	AAS	1.14	mmol/L
				2.28	mval/L
				2.77	mg/dL
<b>PO3</b> Phosphorus	Molybdate UV	1 5211	Internal Standard	5.59	mg/dL
				1.80	mmol/L
				55.9	mg/L
<b>TP</b> Total Protein	Biuret, with sample blank	1 2311	Modified Biuret method	5.41	g/dL
				54.1	g/L
	Biuret, w/o sample blank	1 2311	Modified Biuret method	5.94	g/dL
				59.4	g/L
<b>TRIG</b> Triglycerides	GPO-PAP	1 5760	GC-IDMS	144	mg/dL
		1 5710		1.62	mmol/L
				1.44	g/L
<b>UIBC</b> Unsat. Iron Binding Cap.	Ferene / Ferrozine	1 1921	Internal Standard	228	µg/dL
				40.8	µmol/L
				2.28	mg/L
<b>UREA</b> Urea	Urease UV	1 3101	SRM 909b Level 1	106	mg/dL
				17.6	mmol/L
				1.06	g/L
	Calorimetric, Berthelot	1 3115	SRM 909b Level 1	110	mg/dL
				18.3	mmol/L
				1.10	g/L
<b>UA</b> Uric Acid	Uricase - TOOS	1 3001	GC ID-MS	5.42	mg/dL
				322	µmol/L
				54.2	mg/L
	Uricase - TBHBA	1 3021	GC ID-MS	5.43	mg/dL
				323	µmol/L
			54.3	mg/L	

\*This value sheet is short version. For other methods, please ask your distributors or email to [support@proline.co.id](mailto:support@proline.co.id)



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