


Trucal U

LOT 29909

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

 2022-04-20




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Value sheet version: 3

Short Name / Analyte	Method*	Reagent ID	Traceability	Value	Unit	
ALB Albumin	Bromcresol green	1 0220	ERM-DA 470	3.69 36.9	g/dL g/L	
AP Alkaline phosphatase	DGKC 1970 37°C	1 0401	DGKC recommended formulation 37°C	444 7.40	U/L µkat/L	
	IFCC 37°C	1 0441	IFCC recommended formulation 37°C	224 3.73	U/L µkat/L	
	IFCC with pyridoxal phosphate 37°C	1 2701 + 2 5010	Original IFCC formulation 37°C	98.5 1.64	U/L µkat/L	
ALT/GPT Alanine aminotransferase	IFCC w/o pyridoxal phosphate 37°C	1 2701	Modified IFCC formulation ε NADH, 37°C	101 1.69	U/L µkat/L	
	IFCC with pyridoxal phosphate 37°C	1 2601 + 2 5010	Original IFCC formulation 37°C	105 1.75	U/L µkat/L	
	IFCC w/o pyridoxal phosphate 37°C	1 2601	Modified IFCC formulation ε NADH, 37°C	109 1.82	U/L µkat/L	
AMY Amylase	EPS G-7	1 0501	Original IFCC formulation 37°C	193 3.22	U/L µkat/L	
	PAMY Pancreatic amylase	EPS G-7	Modified IFCC formulation ε p-Nitrophenol, 37°C	178 2.97	U/L µkat/L	
DBIL Direct Bilirubin	DCA	1 0821	Jendrassik-Grof	2.42 41.3 24.2	mg/dL µmol/L mg/L	
	TBIL Total Bilirubin	DCA	1 0811 SRM 916a	4.42 75.5 44.2	mg/dL µmol/L mg/L	
	BUN Urea N	Urease UV	1 3101 SRM 909b Level 1	50.0 17.8 0.500	mg/dL mmol/L g/L	
CA Calcium	Phosponazo	1 1181	AAS	2.83 5.67 11.4	mmol/L mval/L mg/dL	
	CHOL Cholesterol	CHOD-PAP	1 1300 GC-IDMS 1 1350	156 4.04 1.56	mg/dL mmol/L g/L	
		CHE Cholinesterase	Butyrylthiocholin	1 1401 DGKC reommended formulation 37°C	4843 80.7	U/L µkat/L
CK Creatine kinase	DGKC opt.	1 1601	Original IFCC formulation 37°C	353 5.88	U/L µkat/L	
	IFCC 37°C					
CREA Creatinine	Enzymatic PAP	1 1759	GC-IDMS	3.92 347 39.2	mg/dL µmol/L mg/L	
	Jaffé, w/o compensation	1 1711	GC-IDMS	3.85 341 38.5	mg/dL µmol/L mg/L	
	Jaffé, with compensation	1 1711	GC-IDMS	4.34 384 43.4	mg/dL µmol/L mg/L	
	FE Iron	Ferene	1 1911	SRM 682	187 33.5 1.87	µg/dL µmol/L mg/L

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GGT γ-Glutamyltransferase	Szasz liquid stand. IFCC	1 2801	Original IFCC formulation 37°C	127	U/L
				2.11	μkat/L
GLDH Glutamate dehydrogenase	DGKC 1970 37°C	1 2411	DGKC recommended formulation 37°C	25.5	U/L
				0.425	μkat/L
GLUC Glucose	GOD-PAP (10 min.)	1 2500	ID-MS	193	mg/dL
	GOD-PAP (5 min.)	1 2550		10.7	mmol/L
	HK/G6P-DH	1 2511		1.93	g/L
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	DGKC recommended formulation 37°C	264	U/L
				4.41	μkat/L
LACT Lactate	LDH UV	1 4001	Primary reference material	27.9	mg/dL
				3.10	mmol/L
				279	mg/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994	1 4211	Original IFCC formulation 37°C	265	U/L
				4.42	μkat/L
	DGKC 1970	14201	DGKC recommended formulation 37°C	438	U/L
LPS Lipase	Colorimetric	1 4321	Molar absorbance coefficient	98.1	U/L
				1.64	μkat/L
MG Magnesium	Xylidyl blue	1 4610	AAS	1.19	mmol/L
				2.38	mval/L
				2.89	mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	Internal Standard	5.63	mg/dL
				1.82	mmol/L
				56.3	mg/L
TP Total Protein	Biuret, with sample blank	1 2311	Modified Biuret method	5.63	g/dL
				56.3	g/L
	Biuret, w/o sample blank	1 2311	Modified Biuret method	6.16	g/dL
				61.6	g/L
TRIG Triglycerides	GPO-PAP	1 5760	GC-IDMS	143	mg/dL
		1 5710		1.61	mmol/L
				1.43	g/L
UIBC Unsat. Iron Binding Cap.	Ferene / Ferrozine	1 1921	Internal Standard	204	μg/dL
				36.6	μmol/L
				2.04	mg/L
				258	μg/dL
				46.2	μmol/L
2.58	mg/L				
UREA Urea	Urease UV	1 3101	SRM 909b Level 1	107	mg/dL
				17.8	mmol/L
				1.07	g/L
UA Uric Acid	Uricase - TOOS	1 3001	GC ID-MS	5.11	mg/dL
				304	μmol/L
				51.1	mg/L
	Uricase - TBHBA	1 3021	GC ID-MS	5.15	mg/dL
				306	μmol/L
			51.5	mg/L	

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