

TruCal U

LOT 29745

1/2

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



2022-03-31



Updated sheets: www.proline.co.id/user-area/documents/value-sheets/

Value sheet version: 2

Short Name / Analyte	Method	Reagent ID	Traceability	Value	Unit	
ALB	Bromcresol green	1 0220	ERM-DA 470	3.57	g/dL	
Albumin				35.7	g/L	
AP	DGKC 1970 37°C	1 0401	DGKC recommended formulation	446	U/L	
Alkaline phosphatase			37°C	7.43	µkat/L	
	IFCC 37°C	1 0441	IFCC recommended formulation	226	U/L	
			37°C	3.76	µkat/L	
ALT/GPT	IFCC	1 2701 +	Original IFCC formulation	100	U/L	
Alanine aminotransferase	with pyridoxal phosphate 37°C	2 5010	37°C	1.67	µkat/L	
	w/o pyridoxal phosphate 37°C	1 2701	Modified IFCC formulation	103	U/L	
			ε NADH, 37°C	1.71	µkat/L	
AST/GOT	IFCC	1 2601 +	Original IFCC formulation	100	U/L	
Aspartate aminotransferase	with pyridoxal phosphate 37°C	2 5010	37°C	1.66	µkat/L	
	w/o pyridoxal phosphate 37°C	1 2601	Modified IFCC formulation	105	U/L	
			ε NADH, 37°C	1.75	µkat/L	
AMY	EPS G-7	1 0501	Original IFCC formulation	181	U/L	
Amylase			37°C	3.02	µkat/L	
PAMY	EPS G-7	1 0551	Modified IFCC formulation	168	U/L	
Pancreatic amylase			ε p-Nitrophenol, 37°C	2.79	µkat/L	
DBIL	DCA	1 0821	Jendrassik-Grof	2.37	mg/dL	
Direct Bilirubin				40.6	µmol/L	
				23.7	mg/L	
TBIL	DCA	1 0811	SRM 916a	4.03	mg/dL	
Total Bilirubin				68.9	µmol/L	
				40.3	mg/L	
BUN	Urease UV	1 3101	SRM 909b Level 1	49.5	mg/dL	
Urea N				17.6	mmol/L	
				0.495	g/L	
CA	Phosphonazo	1 1181	AAS	2.76	mmol/L	
Calcium				5.53	mval/L	
				11.1	mg/dL	
CHOL	CHOD-PAP	1 1300	GC-IDMS	168	mg/dL	
Cholesterol		1 1350		4.34	mmol/L	
				1.68	g/L	
CHE	Butyrylthiocholin	1 1401	DGKC reommended formulation	4558	U/L	
Cholinesterase			37°C	76.0	µkat/L	
CK	DGKC opt.	1 1601	Original IFCC formulation	363	U/L	
Creatine kinase	IFCC 37°C		37°C	6.05	µkat/L	
CREA	Enzymatic PAP	1 1759	GC-IDMS	3.90	mg/dL	
Creatinine				345	µmol/L	
				39.0	mg/L	
		Jaffé, w/o compensation	1 1711	GC-IDMS	3.87	mg/dL
				342	µmol/L	
				38.7	mg/L	
		Jaffé, with compensation	1 1711	GC-IDMS	4.35	mg/dL
				385	µmol/L	
				43.5	mg/L	
FE	Ferene	1 1911	SRM 682	188	µg/dL	
Iron				33.6	µmol/L	
				1.88	mg/L	

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GGT γ-Glutamyltransferase	Szasz liquid stand. IFCC	1 2801	Original IFCC formulation 37°C	145 2.41	U/L μkat/L
GLDH Glutamate dehydrogenase	DGKC 1970 37°C	1 2411	DGKC recommended formulation 37°C	27.0 0.451	U/L μkat/L
GLUC Glucose	GOD-PAP (10 min.) GOD-PAP (5 min.) HK/G6P-DH	1 2500 1 2550 1 2511	ID-MS	192 10.6 1.92	mg/dL mmol/L g/L
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	DGKC recommended formulation 37°C	283 4.71	U/L μkat/L
LACT Lactate	LDH UV	1 4001	Primary reference material	28.0 3.10 280	mg/dL mmol/L mg/L
LDH Lactate dehydrogenase	IFCC, DGKC 1994 DGKC 1970	1 4211 14201	Original IFCC formulation 37°C DGKC recommended formulation 37°C	276 4.60 460 7.66	U/L μkat/L U/L μkat/L
LPS Lipase	Colorimetric	1 4321	Molar absorbance coefficient	95.8 1.60	U/L μkat/L
MG Magnesium	Xylidyl blue	1 4610	AAS	1.17 2.35 2.85	mmol/L mval/L mg/dL
PO3 Phosphorus	Molybdate UV	1 5211	Internal Standard	5.65 1.82 56.5	mg/dL mmol/L mg/L
TP Total Protein	Biuret, with sample blank Biuret, w/o sample blank	1 2311 1 2311	Modified Biuret method	5.25 52.5 5.75 57.5	g/dL g/L g/dL g/L
TRIG Triglycerides	GPO-PAP	1 5760 1 5710	GC-IDMS	136 1.53 1.36	mg/dL mmol/L g/L
UIBC Unsat. Iron Binding Cap.	Ferene / Ferrozine	1 1921	Internal Standard	200 35.9 2.00	μg/dL μmol/L mg/L
UREA Urea	Urease UV	1 3101	SRM 909b Level 1	106 17.6 1.06	mg/dL mmol/L g/L
UA Uric Acid	Uricase - TOOS Uricase - TBHBA	1 3001 1 3021	GC ID-MS	5.51 328 55.1 5.44 323 54.4	mg/dL μmol/L mg/L mg/dL μmol/L mg/L

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