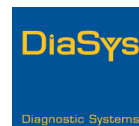


TruCal U

LOT 35523



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

2025-12-31



Updated sheets: www.diasys-diagnostics.com/service-area/value-sheets/

Value sheet version: 1

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

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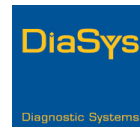
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Value sheet version: 1


Short Name / Analyte	Method	Reagent ID	Traceability	Value	Unit	
CREA Creatinine	Enzymatic PAP	1 1759	GC-IDMS	3.97	mg/dL	
				351	µmol/L	
	Jaffé, w/o compensation	1 1711	GC-IDMS	39.7	mg/L	
				3.96	mg/dL	
	Jaffé, with compensation	1 1711	GC-IDMS	350	µmol/L	
				39.6	mg/L	
FE Iron	Ferene	1 1911	SRM 682	4.39	mg/dL	
				388	µmol/L	
				43.9	mg/L	
	Ferene respons*920	1 1911	SRM 682	194	µg/dL	
				34.8	µmol/L	
				1.94	mg/L	
GGT γ-Glutamyltransferase	Szasz liquid stand. Szasz	1 2801	Original formulation Persijn/v.d. Slik 1976, 37°C	196	µg/dL	
				35.1	µmol/L	
	Szasz liquid stand. IFCC	1 2801	Original IFCC formulation 37°C	1.96	mg/L	
				86.2	U/L	
	GLDH Glutamate dehydrogenase	DGKC 1970 37°C	1 2411	DGKC recommended formulation 37°C	1.44	µkat/L
					97.4	U/L
GLUC Glucose	GOD-PAP (10 min.) HK/G6P-DH	1 2500 1 2511	ID-MS	1.62	µkat/L	
				25.1	U/L	
HBDH α-Hydroxybutyrate dehydro.	DGKC 37°C	1 3201	DGKC recommended formulation 37°C	0.418	µkat/L	
				261	U/L	
LACT Lactate	LDH UV	1 4001	Primary reference material	4.35	µkat/L	
				28.0	mg/dL	
LDH Lactate dehydrogenase	IFCC, modified	1 4251	Original IFCC formulation 37°C	3.10	mmol/L	
				280	mg/L	
LPS Lipase	Colorimetric	1 4321	Molar absorbance coefficient	266	U/L	
				4.44	µkat/L	
MG Magnesium	Xylidyl blue	1 4610	AAS	1.83	µkat/L	
				1.15	mmol/L	
				2.30	mval/L	
PO3 Phosphorus	Molybdate UV	1 5211	Internal Standard	2.80	mg/dL	
				5.65	mg/dL	
				1.83	mmol/L	
				56.5	mg/L	

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Short Name / Analyte	Method	Reagent ID	Traceability	Value	Unit
TP Total Protein	Biuret, with sample blank	1 2311	Modified Biuret method	5.58	g/dL
	Biuret, without sample blank	1 2311	Modified Biuret method	55.8	g/L
TRIG Triglycerides	GPO-PAP	1 5710	GC-IDMS	60.8	g/L
				133	mg/dL
				1.50	mmol/L
UIBC Unsat. Iron Binding Cap.	Ferene / Ferrozine	1 1921	Internal Standard	1.33	g/L
				220	µg/dL
				39.3	µmol/L
UREA Urea	Urease UV	1 3101	SRM 909b Level 1	2.20	mg/L
				106	mg/dL
				17.6	mmol/L
UA Uric Acid	Uricase - TOOS	1 3001	GC ID-MS	1.06	g/L
				5.10	mg/dL
	Uricase - TBHBA	1 3021	GC ID-MS	303	µmol/L
				51.0	mg/L
				5.19	mg/dL
				309	µmol/L
				51.9	mg/L



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