

## TRACEABILITY

### XL MULTICAL

Product Code: XSYS0034

Lot: 2310072

Analyt	Reference Methods / Reference Material	Calibrator value	Uncertainty <sup>1</sup>	Unit
Albumin	ERM-DA470/IFCC	3.37	0.058	g/dl
ALP	Original formulation IFCC	320	2.06	U/l
ALT/SGPT	Original formulation IFCC (1985)	91.0	0.604	U/l
Amylase	Original formulation IFCC (1998)	187	1.42	U/l
AST/SGOT	Original formulation IFCC (1985)	96.4	0.789	U/l
Bilirubin Direct (Walters & Gerarde)	Reference method accor. Jendrassik-Gróf	2.32	0.012	mg/dl
Bilirubin Direct (DCA)	Reference method accor. Jendrassik-Gróf	2.39	0.012	mg/dl
Bilirubin Total (Walters & Gerarde)	Reference method accor. Jendrassik-Gróf	4.83	0.041	mg/dl
Bilirubin Total (DCA)	Reference method accor. Jendrassik-Gróf	4.49	0.038	mg/dl
Calcium	ID-MS	10.6	0.086	mg/dl
Cholesterol	ID-MS	146	1.25	mg/dl
CK	Original formulation IFCC (1991)	373	2.76	U/l
CK-MB	Original formulation IFCC with immunoinhibition (2002)	426	23.0	U/l
Chloride	Coulometry	101	4.70	mmol/l
Creatinine (Jaffé)	ID-MS	3.98	0.036	mg/dl
Creatinine (Enz.)	ID-MS	3.85	0.033	mg/dl
GGT	Original formulation Persijn v.d. Slik (1976)	104	0.674	U/l
Glucose	ID-MS	200	1.66	mg/dl
LDH-P	Reference method	500	3.43	U/l
LDH-L	Original formulation IFCC	263	1.42	U/l
Lipase	Original formulation IFCC	92.9	0.674	U/l
Magnesium	Atomic absorption	2.72	0.017	mg/dl
Phosphorus	Primary reference material	5.52	0.034	mg/dl
Triglycerides	SRM 909c	138	1.62	mg/dl
Total Protein	SRM 927f	4.88	0.026	g/dl
Urea	SRM 909c	101	1.88	mg/dl
Uric Acid	ID-MS	5.46	0.041	mg/dl

<sup>1</sup> Expanded uncertainty.  $k = 2$

<sup>2</sup> CRM = Certified reference material. European

<sup>3</sup> SRM = Standard reference material

<sup>4</sup> ID-MS = Isotope dilution – mass spectrometry

Date: 19.09.2023