

Calibration Values / Kalibrationswerte / Valores de calibración / Valeurs de calibration

Test name Method	Reference material/method	Unit	Assigned Value	Relative expanded uncertainty of measurement	Coverage factor k*
Testname Methode	Referenzmaterial/-methode	Einheit	Zugewiesener Wert	relative erweiterte kombinierte Messunsicherheit	Erweiterungsfaktor k*
Nombre de la prueba Método	Material/método de referencia	Unidad	Valor asignado	Incertidumbre ampliada relativa de medición	Factor de cobertura k*
Nom du test Méthode	Matériel/méthode de référence	Unité	Valeur assignée	Incertitude élargie relative de mesure	Coefficient de couverture k*
ACID PHOSPHATASE a-Naphthylphosphate, 37°C	Commercial calibrator	U/l µkat/l	16.3 0.27	11%	2.0
ALBUMIN liquicolor Bromcresol green	ERM-DA 470k/IFCC	g/dl g/l	5.25 52.5	4.2%	2.0
ALKALINE PHOSPHATASE liquicolor AMP buffer	IFCC reference method, 37°C	U/l µkat/l	284 4.73	2.8%	2.0
ALKALINE PHOSPHATASE opt. liquicolor DEA buffer, 37°C	Commercial method employing DEA buffer	U/l µkat/l	407 6.78	8.8%	2.0
alpha-AMYLASE liquicolor CNP3	IFCC reference method, 37°C	U/l µkat/l	280 4.67	3.0%	2.0
auto-BILIRUBIN-D liquicolor DPD method	Manual procedure with Bilirubin direkt liquicolor	mg/dl µmol/l	2.44 41.7	12.3%	2.0
auto-BILIRUBIN-T liquicolor DPD method	Doumas bilirubin reference method (re-optimized)	mg/dl µmol/l	4.03 69.0	3.1%	2.0
CALCIUM liquicolor Ortho-cresolphthalein	NIST SRM 915b	mg/dl mmol/l	12.2 3.05	1.6%	2.0
CHLORIDE liquicolor TPTZ	NIST SRM 919b	mg/dl mmol/l	408 115	1.7%	2.0
CHOLESTEROL liquicolor CHOD-PAP	NIST SRM 909c	mg/dl mmol/l	328 8.48	3.5%	2.0
CHOLINESTERASE liquicolor Butyrylthiocholine, DGKC 37°C	Manual procedure using molar extinction coefficient	U/l µkat/l	7906 132	3.7%	2.0
CK NAC liquiUV Enzymatic	IFCC reference method, 37°C	U/l µkat/l	726 12.1	2.6%	2.0
auto-CREATININE liquicolor Jaffé	NIST SRM 967a Level 2	mg/dl µmol/l	5.02 444	3.4%	2.0
CREATININE (enzym) liquicolor Enzymatic	NIST SRM 967a Level 2	mg/dl µmol/l	5.34 472	3.0%	2.0
gamma-GT liquicolor Gamma-Glutamyl-3carboxy-4-nitroanilide	IFCC reference method, 37°C	U/l µkat/l	139 2.32	2.8%	2.0
GLUCOSE liquicolor GOD	NIST SRM 917c	mg/dl mmol/l	197 11.0	1.0%	2.0
GLUCOSE liquiUV^{mono} Hexokinase	NIST SRM 917c	mg/dl mmol/l	197 11.0	1.0%	2.0
GOT (ASAT) IFCC mod. liquiUV Enzymatic	IFCC reference method, 37°C	U/l µkat/l	122 2.04	2.5%	2.0

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GPT (ALAT) IFCC mod. liquiUV Enzymatic	IFCC reference method, 37°C	U/l µkat/l	119 1.98	2.3%	2.0
HDL CHOLESTEROL liquicolor Homogenous enzymatic assay	CDC reference method	mg/dl mmol/l	100 2.59	7.7%	2.0
IRON liquicolor CAB	Manual procedure	µg/dl µmol/l	277 49.6	3.5%	2.0
IRON TPTZ liquicolor TPTZ	NIST SRM 909c	µg/dl µmol/l	296 53.0	4.2%	2.3
LDH SCE mod. liquiUV Substrate Pyruvate, 37°C	Manual procedure using molar extinction coefficient	U/l µkat/l	666 11.1	13.1%	2.0
LDL CHOLESTEROL liquicolor Homogenous enzymatic assay	CDC reference method	mg/dl mmol/l	179 4.63	5.6%	2.0
LIPASE liquicolor - from lot 21001 Substrate Methylresorufin, 37°C	Commercial calibrator	U/l µkat/l	72.5 1.21	10.3%	2.0
LIPASE liquicolor - before lot 21001 Substrate Methylresorufin, 37°C	Commercial calibrator	U/l µkat/l	63.0 1.05	14.2%	2.0
MAGNESIUM liquicolor Xylidyl blue	NIST SRM 929a	mg/dl mmol/l	3.04 1.25	1.9%	2.0
PANCREAS-AMYLASE liquicolor EPS-G7	Manual procedure using molar extinction coefficient	U/l µkat/l	153 2.55	13.6%	2.0
PHOSPHORUS liquirapid Molybdate (UV)	NIST SRM 3139a	mg/dl mmol/l	8.69 2.81	6.9%	2.0
TOTAL PROTEIN liquicolor Biuret	NIST SRM 927e	g/dl g/l	9.81 98.1	4.7%	2.0
TRIGLYCERIDES liquicolor^{mono} GPO POD	IDMS	mg/dl mmol/l	239 2.73	1.2%	2.0
UREA liquiUV Urease (UV)	NIST SRM 909c	mg/dl mmol/l	134 22.3	4.1%	2.0
URIC ACID liquicolor^{plus} Uricase	IDMS	mg/dl µmol/l	10.1 598	1.9%	2.0
URIC ACID liquicolor Uricase	IDMS	mg/dl µmol/l	10.1 598	1.9%	2.0

* The expanded uncertainty is declared and calculated by multiplying the standard uncertainty with the coverage factor k . The value of the measurable quantity lies within the attaches range with a probability of 95%.

* Die erweiterte Messunsicherheit ist angegeben und ergibt sich aus der Multiplikation der Standardunsicherheit mit dem Erweiterungsfaktor k . Der Wert der Messgröße liegt mit einer Wahrscheinlichkeit von 95 % innerhalb des angegebenen Bereichs.

* La incertidumbre ampliada se determina y se calcula multiplicando la incertidumbre estándar por el factor de cobertura k . El valor de la cantidad determinable se encuentra dentro del intervalo fijado con una probabilidad del 95%.

* L'incertitude élargie est déclarée et calculée en multipliant l'incertitude de l'étalon par le coefficient de couverture k . La valeur de la grandeur à mesurer se situe dans l'intervalle donné avec une probabilité de 95 %.