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

Reagent name @ Method	Reference material/method	Unit	Assigned Value	Relative expanded uncertainty of measurement	Coverage factor k*
Reagenzbezeichnung @ Methode	Referenzmaterial/-methode	Einheit	Zugewiesener Wert	Relative erweiterte kombinierte Messunsicherheit	Erweiterungsfaktor k*
Nombre del reactivo @ Método	Material/método de referencia	Unidad	Valor asignado	Incertidumbre ampliada relativa de medición	Factor de cobertura k*
Nom du réactif @ Méthode	Matériel/méthode de référence	Unité	Valeur assignée	Incertitude élargie relative de mesure	Coefficient de couverture k*
ACID PHOSPHATASE a-Naphthylphosphate, Hillmann mod., 37°C	Commercial calibrator	U/l µkat/l	14,6 0,24	5,89%	2,0
ALBUMIN liquicolor Bromocresol green	ERM-DA 470k/IFCC	g/dl g/l	5,54 55,4	5,95%	2,0
ALKALINE PHOSPHATASE liquicolor AMP buffer, 37°C, IFCC	IFCC reference method, 37°C	U/l µkat/l	272 4,53	2,80%	2,0
ALKALINE PHOSPHATASE opt. liquicolor DEA buffer, 37°C, GSCC/DGKC	Commercial method employing DEA buffer	U/l µkat/l	367 6,11	4,23%	2,0
alpha-AMYLASE liquicolor CNP3, 37°C	IFCC reference method, 37°C	U/l µkat/l	296 4,94	2,70%	2,0
auto-BILIRUBIN-D liquicolor DPD	Manual procedure with Bilirubin direkt liquicolor	mg/dl µmol/l	3,61 61,7	3,26%	2,0
auto-BILIRUBIN-T liquicolor DPD	Doumas bilirubin reference method (re-optimized)	mg/dl µmol/l	5,33 91,1	2,20%	2,0
CALCIUM liquicolor Ortho-cresolphthalein	ICP-OES, NIST SRM915b	mg/dl mmol/l	12,9 3,23	1,60%	2,0
CHLORIDE liquicolor TPTZ	Coulometry, NIST SRM919b	mg/dl mmol/l	424 120	1,50%	2,0
CHOLESTEROL liquicolor CHOD PAP	IDMS	mg/dl mmol/l	311 8,05	1,20%	2,4
CHOLINESTERASE liquicolor Butyrylthiocholine, GSCC/DGKC 37°C	Manual procedure using molar extinction coefficient	U/l µkat/l	6219 104	6,52%	2,0
CK NAC liquiUV for System reagent Enzymatic, 37°C, IFCC	IFCC reference method, 37°C	U/l µkat/l	491 8,19	2,40%	2,0
CK NAC liquiUV for Multipurpose reagent Enzymatic, 37°C, IFCC	IFCC reference method, 37°C	U/l µkat/l	425 7,08	2,40%	2,0
auto-CREATININE liquicolor Jaffé	IDMS	mg/dl µmol/l	5,32 471	1,00%	2,0
CREATININE (enzym) liquicolor Enzymatic	IDMS	mg/dl µmol/l	5,32 471	1,00%	2,0
gamma-GT liquicolor Gamma-Glutamyl-3carboxy-4-nitroanilide, 37°C, IFCC	IFCC reference method, 37°C	U/l µkat/l	157 2,62	2,50%	2,0
GLUCOSE liquicolor GOD	IDMS, CRM PHR1000	mg/dl mmol/l	227 12,6	1,00%	2,0
GLUCOSE liquiUV^{mono} Hexokinase	IDMS, CRM PHR1000	mg/dl mmol/l	227 12,6	1,00%	2,0
GOT (AST) IFCC mod. liquiUV Enzymatic, 37°C, IFCC without P5P	IFCC reference method, 37°C	U/l µkat/l	133 2,21	2,20%	2,0
GPT (ALT) IFCC mod. liquiUV Enzymatic, 37°C, IFCC without P5P	IFCC reference method, 37°C	U/l µkat/l	127 2,12	2,20%	2,0
HDL CHOLESTEROL liquicolor Homogenous enzymatic assay	CDC reference methode	mg/dl mmol/l	59,8 1,55	5,85%	2,0
IRON liquicolor CAB	In house Master calibrator tracable to ID-ISP-MS	µg/dl µmol/l	370 66,2	10,0%	2,0
IRON TPTZ liquicolor TPTZ	In house Master calibrator tracable to ID-ISP-MS	µg/dl µmol/l	370 66,2	10,0%	2,0
LDH SCE mod. liquiUV Substrate Pyruvate, 37°C	Manual procedure using molar extinction coefficient	U/l µkat/l	585 9,75	4,46%	2,0
LDL CHOLESTEROL liquicolor Homogenous enzymatic assay	CDC reference methode	mg/dl mmol/l	228 5,89	3,78%	2,0

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LIPASE liquicolor Substrate Methylresorufin, 37°C	Commercial calibrator	U/l µkat/l	62,5 1,04	5,55%	2,0
MAGNESIUM liquicolor Xylidyl blue	ICP-OES, NIST SRM929a	mg/dl mmol/l	2,89 1,19	1,50%	2,0
PANCREAS-AMYLASE liquicolor EPS-G7, 37°C	Manual procedure using molar extinction coefficient	U/l µkat/l	188 3,13	5,31%	2,0
PHOSPHORUS liquirapid Molybdate (UV)	NIST SRM 3139a	mg/dl mmol/l	8,08 2,61	2,37%	2,0
TOTAL PROTEIN liquicolor Biuret	NIST SRM927e	g/dl g/l	10,0 100	2,65%	2,0
TRIGLYCERIDES liquicolor^{mono} GPO POD	In house Master calibrator tracable to IDMS	mg/dl mmol/l	283 3,23	2,40%	2,0
UREA liquicolor Berthelot mod.	In house Master calibrator tracable to IDMS	mg/dl mmol/l	154 25,7	2,12%	2,0
UREA liquiUV Urease	In house Master calibrator tracable to IDMS	mg/dl mmol/l	154 25,7	2,12%	2,0
URIC ACID liquicolor^{plus} Uricase with ascorbate oxidase	In house Master calibrator tracable to IDMS	mg/dl µmol/l	11,1 660	2,47%	2,0
URIC ACID liquicolor Uricase	In house Master calibrator tracable to IDMS	mg/dl µmol/l	11,1 660	2,47%	2,0

* The expanded uncertainty is declared and calculated by multiplying the standard uncertainty by the coverage factor k. The value of the measurand lies within the specified 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 %.