

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*
<b>ACID PHOSPHATASE</b> a-Naphthylphosphate, 37°C	Commercial calibrator	U/l µkat/l	14,6 0,244	8,81%	2,0
<b>ALBUMIN Iquicolor</b> Bromocresol green	ERM-DA 470k/IFCC	g/dl g/l	5,25 52,5	4,19%	2,0
<b>ALKALINE PHOSPHATASE Iquicolor</b> AMP buffer	IFCC reference method, 37°C	U/l µkat/l	284 4,73	2,80%	2,0
<b>ALKALINE PHOSPHATASE opt. Iquicolor</b> DEA buffer, 37°C	Commercial method employing DEA buffer	U/l µkat/l	348 5,80	5,69%	2,0
<b>alpha-AMYLASE Iquicolor</b> CNP3	IFCC reference method, 37°C	U/l µkat/l	280 4,67	3,00%	2,0
<b>auto-BILIRUBIN-D Iquicolor</b> DPD method	Manual procedure with Bilirubin direkt Iquicolor	mg/dl µmol/l	2,44 41,7	12,3%	2,0
<b>auto-BILIRUBIN-T Iquicolor</b> DPD method	Doumas bilirubin reference method (re-optimized), 25°C	mg/dl µmol/l	4,03 69,0	3,10%	2,1
<b>CALCIUM Iquicolor</b> Ortho-cresolphthalein	ICP-OES, NIST SRM915b	mg/dl mmol/l	12,2 3,05	1,60%	2,0
<b>CHLORIDE Iquicolor</b> TPTZ	Coulometry, NIST SRM919b	mg/dl mmol/l	408 115	1,70%	2,3
<b>CHOLESTEROL Iquicolor</b> CHOD-PAP	IDMS	mg/dl mmol/l	309 7,98	1,40%	2,5
<b>CHOLINESTERASE Iquicolor</b> Butyrylthiocholine, DGKC 37°C	Manual procedure using molar extinction coefficient	U/l µkat/l	7906 132	3,70%	2,0
<b>CK NAC IquiuV</b> Enzymatic	IFCC reference method, 37°C	U/l µkat/l	726 12,1	2,60%	2,0
<b>auto-CREATININE Iquicolor</b> Jaffé	IDMS	mg/dl µmol/l	5,12 453	1,00%	2,6
<b>CREATININE (enzym) Iquicolor</b> Enzymatic	IDMS	mg/dl µmol/l	5,12 453	1,00%	2,6
<b>gamma-GT Iquicolor</b> Gamma-Glutamyl-3carboxy-4-nitroanilide	IFCC reference method, 37°C	U/l µkat/l	139 2,32	2,80%	2,0
<b>GLUCOSE Iquicolor</b> GOD	IDMS, NIST SRM917c	mg/dl mmol/l	197 11,0	1,00%	2,0
<b>GLUCOSE IquiuV<sup>mono</sup></b> Hexokinase	IDMS, NIST SRM917c	mg/dl mmol/l	197 11,0	1,00%	2,0
<b>GOT (AST) IFCC mod. IquiuV</b> Enzymatic	IFCC reference method, 37°C	U/l µkat/l	122 2,04	2,50%	2,0
<b>GPT (ALT) IFCC mod. IquiuV</b> Enzymatic	IFCC reference method, 37°C	U/l µkat/l	119 1,98	2,30%	2,0
<b>HDL CHOLESTEROL Iquicolor</b> Homogenous enzymatic assay	CDC reference method	mg/dl mmol/l	97,0 2,51	4,57%	2,0
<b>IRON Iquicolor</b> CAB	ID-ICP-MS	µg/dl µmol/l	314 56,2	18,5%	2,0
<b>IRON TPTZ Iquicolor</b> TPTZ	ID-ICP-MS	µg/dl µmol/l	314 56,2	18,5%	2,0
<b>LDH SCE mod. IquiuV</b> Substrate Pyruvate, 37°C	Manual procedure using molar extinction coefficient	U/l µkat/l	565 9,41	3,42%	2,0
<b>LDL CHOLESTEROL Iquicolor</b> Homogenous enzymatic assay	CDC reference method	mg/dl mmol/l	180 4,65	2,84%	2,0

<b>LIPASE liquicolor</b> - from lot 21001 Substrate Methylresorufin, 37°C	Commercial calibrator	U/l μkat/l	72,5 1,21	10,3%	2,0
<b>LIPASE liquicolor</b> - before lot 21001 Substrate Methylresorufin, 37°C	Commercial calibrator	U/l μkat/l	63,0 1,05	14,2%	2,0
<b>MAGNESIUM liquicolor</b> Xylidyl blue	ICP-OES, NIST SRM929a	mg/dl mmol/l	3,04 1,25	1,90%	2,0
<b>PANCREAS-AMYLASE liquicolor</b> EPS-G <sub>7</sub>	Manual procedure using molar extinction coefficient	U/l μkat/l	153 2,55	13,6%	2,0
<b>PHOSPHORUS liquirapid</b> Molybdate (UV)	NIST SRM 3139a	mg/dl mmol/l	6,86 2,21	2,97%	2,0
<b>TOTAL PROTEIN liquicolor</b> Biuret	NIST SRM927e	g/dl g/l	9,61 96,1	3,21%	2,0
<b>TRIGLYCERIDES liquicolor<sup>mono</sup></b> GPO POD	IDMS	mg/dl mmol/l	239 2,73	1,20%	2,6
<b>UREA liquiUV</b> Urease (UV)	IDMS	mg/dl mmol/l	143 23,8	1,00%	2,6
<b>URIC ACID liquicolor<sup>plus</sup></b> Uricase	IDMS	mg/dl μmol/l	10,1 598	1,90%	2,3
<b>URIC ACID liquicolor</b> Uricase	IDMS	mg/dl μmol/l	10,1 598	1,90%	2,3

\*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 attached range with a probability of  $\geq 95\%$ .

\* 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 %.

CA-AUTO

Rev. 004 | valid of 12.02.2021

INF 1316002 - Version 5/09 - 2023