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**Target Values / Sollwerte / Valores Asignados/ Valeurs Cibles**

valid for / gültig für / valido para / valable pour:

**HumaLyzer**

Reagent name @ Method Reagenzbezeichnung @ Methode Nombre del reactivo @ Método Nom du réactif @ Méthode	SI Unit SI Einheit Unidad SI Unité SI	Mean Mittelwert Media Moyenne	Range Bereich Rango Plage de valeurs	Unit Einheit Unidad Unité	Mean Mittelwert Media Moyenne	Range Bereich Rango Plage de valeurs
<b>HUMAN reagent kits</b>						
<b>ACID PHOSPHATASE</b> a-Naphthylphosphate, Hillmann mod., 37°C	µkat/l	0.047	0.036 - 0.058	U/l	2.83	2.16 - 3.50
<b>ALBUMIN Iquicolor</b> Bromcresol green	g/l	34.2	30.6 - 37.8	g/dl	3.42	3.06 - 3.78
<b>ALKALINE PHOSPHATASE Iquicolor</b> AMP buffer, 37°C, IFCC	µkat/l	1.85	1.53 - 2.17	U/l	111	91.7 - 130
<b>ALKALINE PHOSPHATASE opt. Iquicolor</b> DEA buffer, 37°C, GSCC/DGKC	µkat/l	2.65	1.97 - 3.40	U/l	159	118 - 204
<b>alpha-AMYLASE Iquicolor</b> CNP3, 37°C, IFCC	µkat/l	1.54	1.35 - 1.75	U/l	92.6	80.7 - 105
<b>APOLIPOPROTEIN A1</b> Immunoturbidimetry	g/l	1.13	0.957 - 1.29	mg/dl	113	95.7 - 129
<b>APOLIPOPROTEIN B</b> Immunoturbidimetry	g/l	0.705	0.548 - 0.863	mg/dl	70.5	54.8 - 86.3
<b>auto-BILIRUBIN-D Iquicolor</b> DPD	µmol/l	10.8	7.18 - 14.4	mg/dl	0.63	0.42 - 0.84
<b>auto-BILIRUBIN-T Iquicolor</b> DPD	µmol/l	13.9	5.82 - 21.9	mg/dl	0.81	0.34 - 1.28
<b>BILIRUBIN Iquicolor</b> DCA	µmol/l	13.2	8.38 - 18.0	mg/dl	0.77	0.49 - 1.05
<b>BILIRUBIN DIRECT/TOTAL Iquicolor</b> Determination of Bilirubin direct Jendrassik-Gróf	µmol/l	11.3	5.99 - 16.6	mg/dl	0.66	0.35 - 0.97
<b>BILIRUBIN DIRECT/TOTAL Iquicolor</b> Determination of Bilirubin total Jendrassik-Gróf	µmol/l	18.1	10.1 - 26.2	mg/dl	1.06	0.59 - 1.53
<b>CALCIUM Iquicolor</b> Ortho-cresolphthalein	mmol/l	2.04	1.85 - 2.23	mg/dl	8.17	7.41 - 8.93
<b>CHLORIDE Iquicolor</b> TPTZ	mmol/l	104	90.6 - 117	mg/dl	369	321 - 415
<b>CHOLESTEROL Iquicolor</b> CHOD PAP	mmol/l	4.22	3.85 - 4.58	mg/dl	163	149 - 177
<b>CHOLINESTERASE Iquicolor</b> Butyrylthiocholine, 37°C, GSCC/DGKC	µkat/l	82.7	74.9 - 90.5	U/l	4960	4493 - 5427
<b>CK NAC activated</b> Enzymatic, 37°C	µkat/l	2.15	1.59 - 2.72	U/l	129	95.2 - 163
<b>CK NAC IquIUV</b> Enzymatic, 37°C, IFCC	µkat/l	1.82	1.38 - 2.25	U/l	109	82.7 - 135
<b>auto-CREATININE Iquicolor</b> Jaffé	µmol/l	87.5	81.3 - 93.7	mg/dl	0.99	0.92 - 1.06
<b>auto-CREATININE Iquicolor</b> Jaffé, uncompensated up to LOT 24500	µmol/l	99.0	86.6 - 111	mg/dl	1.12	0.98 - 1.25
<b>auto-CREATININE Iquicolor</b> Jaffé, compensated from LOT 24501	µmol/l	85.7	54.8 - 118	mg/dl	0.97	0.62 - 1.33
<b>CREATININE (enzym) Iquicolor</b> Enzymatic	µmol/l	72.5	52.2 - 92.8	mg/dl	0.82	0.59 - 1.05
<b>gamma-GT Iquicolor</b> Gamma-Glutamyl-3carboxy-4-nitroanilide, 37°C, IFCC	µkat/l	0.530	0.427 - 0.633	U/l	31.8	25.6 - 38.0
<b>GLUCOSE Iquicolor</b> GOD	mmol/l	5.00	4.26 - 5.77	mg/dl	90.1	76.8 - 104
<b>GLUCOSE IquIUV<sup>mono</sup></b> Hexokinase	mmol/l	5.37	5.00 - 5.72	mg/dl	96.8	90.1 - 103
<b>GOT (ASAT) IFCC mod. IquIUV</b> Enzymatic, 37°C, IFCC without P5P	µkat/l	0.598	0.417 - 0.778	U/l	35.9	25.0 - 46.7
<b>GPT (ALAT) IFCC mod. IquIUV</b> Enzymatic, 37°C, IFCC without P5P	µkat/l	0.635	0.482 - 0.788	U/l	38.1	28.9 - 47.3
<b>HDL CHOLESTEROL Iquicolor</b> Homogenous enzymatic assay	mmol/l	0.786	0.600 - 0.972	mg/dl	30.4	23.2 - 37.6
<b>HDL CHOLESTEROL</b> Precipitation method	mmol/l	0.804	0.522 - 1.09	mg/dl	31.1	20.2 - 42.1
<b>IRON Iquicolor</b> CAB	µmol/l	16.0	12.9 - 19.0	µg/dl	89.2	72.2 - 106
<b>IRON TPTZ Iquicolor</b> TPTZ	µmol/l	15.2	14.2 - 16.2	µg/dl	85.0	79.4 - 90.6

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<b>IMMUNOGLOBULINS direct IgA</b> Immunoturbidimetry	g/l	1.64	1.47 - 1.81	mg/dl	164	147 - 181
<b>IMMUNOGLOBULINS direct IgG</b> Immunoturbidimetry	g/l	7.60	7.03 - 8.16	mg/dl	760	703 - 816
<b>IMMUNOGLOBULINS direct IgM</b> Immunoturbidimetry	g/l	0.617	0.498 - 0.735	mg/dl	61.7	49.8 - 73.5
<b>LDH SCE mod. liquiUV</b> Substrate Pyruvate, 37°C, SCE	µkat/l	6.12	4.43 - 7.92	U/l	367	266 - 475
<b>LDL CHOLESTEROL liquicolor</b> Homogenous enzymatic assay	mmol/l	1.78	1.55 - 2.02	mg/dl	69.0	60.1 - 78.0
<b>LIPASE liquicolor</b> Substrate Methylresorufin, 37°C <b>Humalyzer 4000</b>	µkat/l	0.718	0.577 - 0.859	U/l	43.1	34.6 - 51.5
<b>LIPASE liquicolor</b> Substrate Methylresorufin, 37°C <b>Humalyzer w/o Humalyzer 4000</b>	µkat/l	0.884	0.700 - 1.07	U/l	53.0	42.0 - 64.0
<b>MAGNESIUM liquicolor</b> Xylidyl blue	mmol/l	0.938	0.864 - 1.01	mg/dl	2.28	2.10 - 2.46
<b>PANCREAS-AMYLASE liquicolor</b> EPS-G7, 37°C	µkat/l	1.08	0.857 - 1.31	U/l	64.5	51.4 - 78.7
<b>PHOSPHORUS liquirapid</b> Molybdate (UV)	mmol/l	1.22	0.940 - 1.53	mg/dl	3.79	2.91 - 4.75
<b>POTASSIUM liquirapid</b> Precipitation method	mmol/l	4.73	3.73 - 5.73	mval/l	4.73	3.73 - 5.73
<b>POTASSIUM liquiUV</b> Enzymatic	mmol/l	3.94	3.31 - 4.56	mval/l	3.94	3.31 - 4.56
<b>SODIUM liquicolor</b> Enzymatic	mmol/l	98.8	81.4 - 116	mval/l	98.8	81.4 - 116
<b>SODIUM RAPID</b> Precipitation method	mmol/l	114	97.5 - 130	mval/l	114	97.5 - 130
<b>Fe saturation</b> Fe determination using IDON liquicolor	µmol/l	47.8	38.7 - 57.1	µg/dl	267	216 - 319
<b>TOTAL PROTEIN liquicolor</b> Biuret	g/l	63.0	59.4 - 66.6	g/dl	6.30	5.94 - 6.66
<b>TRIGLYCERIDES liquicolor<sup>mono</sup></b> GPO POD	mmol/l	1.48	1.35 - 1.63	mg/dl	130	118 - 143
<b>UREA liquicolor</b> Berthelot mod.	mmol/l	5.24	3.91 - 6.58	mg/dl	31.5	23.5 - 39.5
<b>UREA liquiUV</b> Urease	mmol/l	5.11	4.41 - 5.81	mg/dl	30.7	26.5 - 34.9
<b>URIC ACID liquicolor<sup>plus</sup></b> Uricase with ascorbate oxidase	µmol/l	294	225 - 363	mg/dl	4.95	3.79 - 6.11
<b>URIC ACID liquicolor</b> Uricase	µmol/l	325	246 - 404	mg/dl	5.47	4.14 - 6.80

CS-SE

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