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

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

**HumaStar and Humalyte**

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	0.054	0.024 - 0.083	U/l	3.22	1.46 - 4.98
<b>ALBUMIN Iquicolor</b> Bromcresol green	g/l	32.4	29.7 - 35.1	g/dl	3.24	2.97 - 3.51
<b>ALKALINE PHOSPHATASE Iquicolor</b> AMP buffer, 37°C, IFCC	µkat/l	1.67	1.28 - 2.07	U/l	100	76.8 - 124
<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	1.43	1.22 - 1.65	U/l	86.0	73.3 - 98.8
<b>APOLIPOPROTEIN A1</b> Immunoturbidimetry	g/l	1.05	0.814 - 1.28	mg/dl	105	81.4 - 128
<b>APOLIPOPROTEIN B</b> Immunoturbidimetry	g/l	0.738	0.626 - 0.849	mg/dl	73.8	62.6 - 84.9
<b>auto-BILIRUBIN-D Iquicolor</b> DPD	µmol/l	12.5	8.72 - 16.2	mg/dl	0.73	0.51 - 0.95
<b>auto-BILIRUBIN-T Iquicolor</b> DPD	µmol/l	17.4	12.8 - 22.1	mg/dl	1.02	0.75 - 1.29
<b>CALCIUM Iquicolor</b> Ortho-cresolphthalein	mmol/l	1.87	1.72 - 2.02	mg/dl	7.48	6.88 - 8.08
<b>Chloride</b> ISE direct	mmol/l	98.3	91.6 - 105	mg/dl	348	325 - 372
<b>CHLORIDE Iquicolor</b> TPTZ	mmol/l	96.4	83.2 - 110	mg/dl	342	295 - 390
<b>CHOLESTEROL Iquicolor</b> CHOD PAP	mmol/l	3.98	2.95 - 5.02	mg/dl	154	114 - 194
<b>CHOLINESTERASE Iquicolor</b> Butyrylthiocholine, 37°C, GSCC/DGKC	µkat/l	86.6	79.4 - 93.8	U/l	5195	4761 - 5629
<b>CK NAC IquiuV</b> Enzymatic, 37°C, IFCC	µkat/l	2.43	1.45 - 3.43	U/l	146	86.7 - 206
<b>auto-CREATININE Iquicolor</b> Jaffé, uncompensated <b>up to LOT 24500</b>	µmol/l	108	86.6 - 129	mg/dl	1.22	0.98 - 1.46
<b>auto-CREATININE Iquicolor</b> Jaffé, compensated <b>from LOT 24501</b>	µmol/l	85.7	54.8 - 118	mg/dl	0.97	0.62 - 1.33
<b>CREATININE (enzym) Iquicolor</b> Enzymatic	µmol/l	86.6	75.1 - 98.1	mg/dl	0.98	0.85 - 1.11
<b>gamma-GT Iquicolor</b> Gamma-Glutamyl-3-carboxy-4-nitroanilide, 37°C, IFCC	µkat/l	0.522	0.348 - 0.693	U/l	31.3	20.9 - 41.6
<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	4.81	4.28 - 5.34	mg/dl	86.7	77.2 - 96.3
<b>GOT (ASAT) IFCC mod. IquiuV</b> Enzymatic, 37°C, IFCC without P5P	µkat/l	0.512	0.400 - 0.622	U/l	30.7	24.0 - 37.3
<b>GPT (ALAT) IFCC mod. IquiuV</b> Enzymatic, 37°C, IFCC without P5P	µkat/l	0.600	0.450 - 0.748	U/l	36.0	27.0 - 44.9
<b>HDL CHOLESTEROL Iquicolor</b> Homogenous enzymatic assay	mmol/l	0.903	0.587 - 1.22	mg/dl	34.9	22.7 - 47.2
<b>IRON Iquicolor</b> CAB <b>for HumaStar 100</b>	µmol/l	18.1	15.3 - 20.8	µg/dl	101	85.4 - 116
<b>IRON Iquicolor</b> CAB <b>for HumaStar 200</b>	µmol/l	20.6	16.0 - 25.2	µg/dl	115	89.6 - 141
<b>IRON TPTZ Iquicolor</b> TPTZ	µmol/l	17.5	15.2 - 19.9	µg/dl	98.0	85.0 - 111
<b>IMMUNOGLOBULINS direct IgA</b> Immunoturbidimetry	g/l	1.72	1.45 - 1.99	mg/dl	172	145 - 199
<b>IMMUNOGLOBULINS direct IgG</b> Immunoturbidimetry	g/l	7.40	6.34 - 8.46	mg/dl	740	634 - 846

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<b>IMMUNOGLOBULINS direct IgM</b> Immunturbidimetry HumaStar w/o H5600	g/l	0.732	0.613 - 0.851	mg/dl	73.2	61.3 - 85.1
<b>IMMUNOGLOBULINS direct IgM</b> Immunturbidimetry for HumaStar 600	g/l	0.597	0.551 - 0.643	mg/dl	59.7	55.1 - 64.3
<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	1.53	0.634 - 2.42	mg/dl	59.0	24.5 - 93.5
<b>LIPASE liquicolor</b> Substrate Methylresorufin, 37°C	µkat/l	0.672	0.522 - 0.820	U/l	40.3	31.3 - 49.2
<b>LIPOPROTEIN (a)</b> Immunturbidimetry	g/l	0.096	0.068 - 0.124	mg/dl	9.61	6.81 - 12.4
<b>MAGNESIUM liquicolor</b> Xylidyl blue	mmol/l	0.864	0.687 - 1.04	mg/dl	2.10	1.67 - 2.52
<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</b> ISE direct	mmol/l	4.69	4.04 - 5.34	mval/l	4.69	4.04 - 5.34
<b>POTASSIUM liquiUV</b> Enzymatic	mmol/l	4.17	3.63 - 4.71	mval/l	4.17	3.63 - 4.71
<b>Sodium</b> ISE direct for HumaStar	mmol/l	112	103 - 120	mval/l	112	103 - 120
<b>Sodium</b> ISE direct for Humalyte	mmol/l	121	112 - 130	mval/l	121	112 - 130
<b>SODIUM liquicolor</b> Enzymatic	mmol/l	106	88.3 - 124	mval/l	106	88.3 - 124
<b>TIBC</b> Fe saturation Fe determination using IRON liquicolor	µmol/l	56.4	49.6 - 63.4	µg/dl	315	277 - 354
<b>TIBC</b> Fe saturation Fe determination using IRON TBTZ liquicolor	µmol/l	52.3	42.6 - 61.8	µg/dl	292	238 - 345
<b>TOTAL PROTEIN liquicolor</b> Biuret	g/l	63.7	59.3 - 68.1	g/dl	6.37	5.93 - 6.81
<b>TRIGLYCERIDES liquicolor<sup>mono</sup></b> GPO POD	mmol/l	1.47	1.29 - 1.65	mg/dl	129	113 - 145
<b>UREA liquiUV</b> Urease	mmol/l	4.78	3.80 - 5.78	mg/dl	28.7	22.8 - 34.7
<b>URIC ACID liquicolor<sup>plus</sup></b> Uricase with ascorbate oxidase	µmol/l	292	263 - 321	mg/dl	4.91	4.42 - 5.40
<b>URIC ACID liquicolor</b> Uricase	µmol/l	313	256 - 371	mg/dl	5.27	4.30 - 6.23

CS-SE

Rev. 009 | valid of 15.11.2022

INF 1395102b - Version 4/02 - 2025