

Link for latest version of target value sheet:

<https://www.human.de/target-value-sheets/>

**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	0.260	0.227 - 0.293	U/l	15.6	13.6 - 17.6
<b>ALBUMIN liqicolor</b> Bromocresol green	g/l	51.4	45.3 - 57.5	g/dl	5.14	4.53 - 5.75
<b>ALKALINE PHOSPHATASE liqicolor</b> AMP buffer, 37°C, IFCC	µkat/l	5.45	4.98 - 5.92	U/l	327	299 - 355
<b>ALKALINE PHOSPHATASE opt. liqicolor</b> DEA buffer, 37°C, GSCC/DGKC	µkat/l	7.10	5.78 - 8.54	U/l	426	347 - 512
<b>alpha-AMYLASE liqicolor</b> CNP3, 37°C, IFCC	µkat/l	4.90	4.05 - 5.73	U/l	294	243 - 344
<b>APOLIPOPROTEIN A1</b> Immunoturbidimetry	g/l	2.03	1.60 - 2.46	mg/dl	203	160 - 246
<b>APOLIPOPROTEIN B</b> Immunoturbidimetry	g/l	1.29	1.00 - 1.57	mg/dl	129	100 - 157
<b>auto-BILIRUBIN-D liqicolor</b> DPD	µmol/l	54.0	36.8 - 71.3	mg/dl	3.16	2.15 - 4.17
<b>auto-BILIRUBIN-T liqicolor</b> DPD	µmol/l	82.4	72.3 - 92.4	mg/dl	4.82	4.23 - 5.40
<b>BILIRUBIN liqicolor</b> DCA	µmol/l	72.9	63.6 - 82.1	mg/dl	4.26	3.72 - 4.80
<b>BILIRUBIN DIRECT/TOTAL liqicolor</b> Determination of Bilirubin direct Jendrassik-Gróf	µmol/l	57.8	48.9 - 66.5	mg/dl	3.38	2.86 - 3.89
<b>BILIRUBIN DIRECT/TOTAL liqicolor</b> Determination of Bilirubin total Jendrassik-Gróf	µmol/l	75.4	64.6 - 86.2	mg/dl	4.41	3.78 - 5.04
<b>CALCIUM liqicolor</b> Ortho-cresolphthalein	mmol/l	3.15	2.55 - 3.75	mg/dl	12.6	10.2 - 15.0
<b>CHLORIDE liqicolor</b> TPTZ	mmol/l	123	92.4 - 154	mg/dl	436	328 - 546
<b>CHOLESTEROL liqicolor</b> CHOD PAP	mmol/l	8.82	7.60 - 10.0	mg/dl	341	294 - 387
<b>CHOLINESTERASE liqicolor</b> Butyrylthiocholine, 37°C, GSCC/DGKC	µkat/l	125	114 - 137	U/l	7520	6842 - 8198
<b>CK NAC activated</b> Enzymatic, 37°C	µkat/l	8.27	6.02 - 10.5	U/l	496	361 - 632
<b>CK NAC liquiUV</b> Enzymatic, 37°C, IFCC	µkat/l	8.12	6.68 - 9.54	U/l	487	401 - 572
<b>auto-CREATININE liqicolor</b> Jaffé, uncompensated up to LOT 24500	µmol/l	361	335 - 386	mg/dl	4.08	3.79 - 4.37
<b>auto-CREATININE liqicolor</b> Jaffé, compensated from LOT 24501	µmol/l	424	319 - 534	mg/dl	4.80	3.61 - 6.04
<b>CREATININE liqicolor</b> Jaffé	µmol/l	412	372 - 451	mg/dl	4.66	4.21 - 5.10
<b>CREATININE (enzym) liqicolor</b> Enzymatic	µmol/l	371	330 - 413	mg/dl	4.20	3.73 - 4.67
<b>gamma-GT liqicolor</b> Gamma-Glutamyl-3carboxy-4-nitroanilide, 37°C, IFCC	µkat/l	2.20	1.77 - 2.63	U/l	132	106 - 158
<b>GLUCOSE liqicolor</b> GOD	mmol/l	12.2	10.2 - 14.2	mg/dl	219	184 - 256
<b>GLUCOSE liquiUV<sup>mono</sup></b> Hexokinase	mmol/l	12.7	11.0 - 14.3	mg/dl	228	199 - 257
<b>GOT (ASAT) IFCC mod. liquiUV</b> Enzymatic, 37°C, IFCC without P5P	µkat/l	2.20	1.97 - 2.45	U/l	132	118 - 147
<b>GPT (ALAT) IFCC mod. liquiUV</b> Enzymatic, 37°C, IFCC without P5P	µkat/l	1.98	1.83 - 2.12	U/l	119	110 - 127
<b>HDL CHOLESTEROL liqicolor</b> Homogenous enzymatic assay	mmol/l	2.17	1.88 - 2.46	mg/dl	83.9	72.8 - 95.1
<b>HDL CHOLESTEROL</b> Precipitation method	mmol/l	4.11	3.80 - 4.42	mg/dl	159	147 - 171
<b>IRON liqicolor</b> CAB	µmol/l	52.1	43.0 - 61.4	µg/dl	291	240 - 343
<b>IRON TPTZ liqicolor</b> TPTZ	µmol/l	56.0	51.6 - 60.5	µg/dl	313	288 - 338

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>IMMUNOGLOBULINS direct IgA</b> Immunoturbidimetry	g/l	2.43	2.27 - 2.58	mg/dl	243	227 - 258
<b>IMMUNOGLOBULINS direct IgG</b> Immunoturbidimetry	g/l	12.6	11.3 - 13.8	mg/dl	1256	1130 - 1382
<b>IMMUNOGLOBULINS direct IgM</b> Immunoturbidimetry	g/l	1.02	0.930 - 1.10	mg/dl	102	93.0 - 110
<b>LDH SCE mod. liquiUV</b> Substrate Pyruvate, 37°C, SCE	µkat/l	11.9	8.94 - 15.2	U/l	716	536 - 910
<b>LDL CHOLESTEROL Iquicolor</b> Homogenous enzymatic assay	mmol/l	5.28	4.50 - 6.08	mg/dl	204	174 - 235
<b>LIPASE Iquicolor</b> Substrate Methylresorufin, 37°C	µkat/l	0.994	0.837 - 1.15	U/l	59.6	50.2 - 69.0
<b>MAGNESIUM Iquicolor</b> Xylidyl blue	mmol/l	1.28	1.12 - 1.44	mg/dl	3.11	2.72 - 3.50
<b>PANCREAS-AMYLASE Iquicolor</b> EPS-G7, 37°C	µkat/l	3.47	2.88 - 4.08	U/l	208	173 - 245
<b>PHOSPHORUS Iquirapid</b> Molybdate (UV)	mmol/l	2.84	2.38 - 3.33	mg/dl	8.78	7.38 - 10.3
<b>POTASSIUM Iquirapid</b> Precipitation method	mmol/l	6.47	4.35 - 8.59	mval/l	6.47	4.35 - 8.59
<b>POTASSIUM liquiUV</b> Enzymatic	mmol/l	6.01	5.27 - 6.74	mval/l	6.01	5.27 - 6.74
<b>SODIUM Iquicolor</b> Enzymatic	mmol/l	141	124 - 158	mval/l	141	124 - 158
<b>SODIUM RAPID</b> Precipitation method	mmol/l	132	116 - 148	mval/l	132	116 - 148
<b>TIBC</b> Fe saturation Fe determination using IRON Iquicolor	µmol/l	77.7	65.9 - 89.7	µg/dl	434	368 - 501
<b>TOTAL PROTEIN Iquicolor</b> Biuret	g/l	91.2	86.4 - 95.9	g/dl	9.12	8.64 - 9.59
<b>TRIGLYCERIDES Iquicolor<sup>mono</sup></b> GPO POD	mmol/l	2.76	2.28 - 3.23	mg/dl	242	200 - 283
<b>UREA Iquicolor</b> Berthelot mod.	mmol/l	26.6	22.1 - 31.0	mg/dl	160	133 - 186
<b>UREA liquiUV</b> Urease	mmol/l	25.3	22.0 - 28.6	mg/dl	152	132 - 172
<b>URIC ACID Iquicolor<sup>plus</sup></b> Uricase with ascorbate oxidase	µmol/l	607	414 - 803	mg/dl	10.2	6.96 - 13.5
<b>URIC ACID Iquicolor</b> Uricase	µmol/l	636	562 - 708	mg/dl	10.7	9.45 - 11.9

CS-SP

Rev. 006 | valid of 15.11.2022

INF 1315102a - Version 5/02 -2025



Human Gesellschaft für Biochemica und Diagnostica mbH  
Max-Planck-Ring 21 · 65205 Wiesbaden · Germany  
Telefon +49 6122-9988-0 · Telefax +49 612-9988-100 · e-Mail human@human.de