

Target Values / Sollwerte / Valores Asignados/ Valeurs Cibles

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

Link for latest version of target value sheet:

HumaLyzer photometer

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

Reagent name @ Methode 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	up to 0,059	- - -	U/l	up to 3,52	- - -
<b>ALBUMIN liqicolor</b> Bromocresol green	g/l	28.7	23.3 - 34.1	g/dl	2.87	2.33 - 3.41
<b>ALKALINE PHOSPHATASE liqicolor</b> AMP buffer, 37°C, IFCC	µkat/l	1.83	1.59 - 2.08	U/l	110	95.2 - 125
<b>ALKALINE PHOSPHATASE opt. liqicolor</b> DEA buffer, 37°C, GSCC/DGKC HumaLyzer 4000	µkat/l	2.68	1.95 - 3.48	U/l	161	117 - 209
<b>ALKALINE PHOSPHATASE opt. liqicolor</b> DEA buffer, 37°C, GSCC/DGKC other HumaLyzer	µkat/l	2.87	2.55 - 3.17	U/l	172	153 - 190
<b>alpha-AMYLASE liqicolor</b> CNP3, 37°C, IFCC	µkat/l	1.56	1.26 - 1.85	U/l	93.5	75.7 - 111
<b>APOLIPOPROTEIN A1</b> Immunoturbidimetry	g/l	0.84	0.66 - 1.01	mg/dl	83.9	66.3 - 101
<b>APOLIPOPROTEIN B</b> Immunoturbidimetry	g/l	0.51	0.39 - 0.63	mg/dl	50.5	38.5 - 62.5
<b>auto-BILIRUBIN-D liqicolor</b> DPD	µmol/l	12.7	11.5 - 13.9	mg/dl	0.74	0.67 - 0.81
<b>auto-BILIRUBIN-T liqicolor</b> DPD	µmol/l	16.1	10.1 - 22.1	mg/dl	0.94	0.59 - 1.29
<b>BILIRUBIN liqicolor</b> DCA	µmol/l	15.7	13.0 - 18.5	mg/dl	0.92	0.76 - 1.08
<b>BILIRUBIN DIRECT/TOTAL liqicolor</b> Determination of Bilirubin direct Jendrassik-Gróf	µmol/l	12.3	10.1 - 14.5	mg/dl	0.72	0.59 - 0.85
<b>BILIRUBIN DIRECT/TOTAL liqicolor</b> Determination of Bilirubin total Jendrassik-Gróf	µmol/l	19.0	15.9 - 22.1	mg/dl	1.11	0.93 - 1.29
<b>CALCIUM liqicolor</b> Ortho-cresolphthalein	mmol/l	2.05	1.93 - 2.16	mg/dl	8.18	7.71 - 8.65
<b>CHLORIDE liqicolor</b> TPTZ HumaLyzer Primus	mmol/l	98.2	88.7 - 108	mg/dl	348	314 - 383
<b>CHLORIDE liqicolor</b> TPTZ HumaLyzer 4000	mmol/l	115	104 - 126	mg/dl	408	369 - 447
<b>CHOLESTEROL liqicolor</b> CHOD PAP	mmol/l	4.16	3.65 - 4.68	mg/dl	161	141 - 181
<b>CHOLINESTERASE liqicolor</b> Butyrylthiocholine, 37°C, GSCC/DGKC	µkat/l	65.0	61.3 - 68.7	U/l	3900	3678 - 4122
<b>CK NAC activated</b> Enzymatic, 37°C	µkat/l	1.80	1.32 - 2.27	U/l	108	79.0 - 136
<b>CK NAC liquiUV</b> Enzymatic, 37°C, IFCC	µkat/l	1.88	1.46 - 2.32	U/l	113	87.4 - 139
<b>auto-CREATININE liqicolor</b> Jaffé, uncompensated up to LOT 24500	µmol/l	90.2	76.0 - 104	mg/dl	1.02	0.86 - 1.18
<b>auto-CREATININE liqicolor</b> Jaffé, compensated from LOT 24501	Target values for auto-CREATININE liqicolor (≥ LOT 24501) will be provided on request only.					
<b>CREATININE liqicolor</b> Jaffé	µmol/l	97.2	87.5 - 107	mg/dl	1.10	0.99 - 1.21
<b>CREATININE (enzym) liqicolor</b> Enzymatic	µmol/l	95.5	74.3 - 117	mg/dl	1.08	0.84 - 1.32
<b>gamma-GT liqicolor</b> Gamma-Glutamyl-3-carboxy-4-nitroanilide, 37°C, IFCC	µkat/l	0.54	0.45 - 0.62	U/l	32.1	26.9 - 37.3
<b>GLUCOSE liqicolor</b> GOD	mmol/l	4.92	3.52 - 6.33	mg/dl	88.7	63.4 - 114
<b>GLUCOSE liquiUV<sup>mono</sup></b> Hexokinase	mmol/l	4.93	4.12 - 5.77	mg/dl	88.9	74.2 - 104
<b>GOT (AST) IFCC mod. liquiUV</b> Enzymatic, 37°C, IFCC without P5P	µkat/l	0.59	0.49 - 0.69	U/l	35.4	29.2 - 41.6
<b>GPT (ALT) IFCC mod. liquiUV</b> Enzymatic, 37°C, IFCC without P5P	µkat/l	0.62	0.54 - 0.69	U/l	36.9	32.4 - 41.4
<b>HDL CHOLESTEROL liqicolor</b> Homogenous enzymatic assay	mmol/l	not available	- - -	mg/dl	not available	- - -
<b>HDL CHOLESTEROL</b> Precipitation method	mmol/l	2.01	1.81 - 2.21	mg/dl	77.6	69.8 - 85.4

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<b>IRON</b> Iquicolor CAB	µmol/l	16.1	12.1 - 20.0	µg/dl	89.8	67.8 - 112
<b>IRON</b> TPTZ Iquicolor TPTZ	µmol/l	17.7	12.5 - 22.9	µg/dl	99.0	70.1 - 128
<b>IMMUNOGLOBULINS</b> direct IgA Immunoturbidimetry	g/l	1.52	1.28 - 1.76	mg/dl	152	128 - 176
<b>IMMUNOGLOBULINS</b> direct IgG Immunoturbidimetry	g/l	6.27	5.50 - 7.04	mg/dl	627	550 - 704
<b>IMMUNOGLOBULINS</b> direct IgM Immunoturbidimetry Humalyzer 4000	g/l	0.44	0.38 - 0.50	mg/dl	44.0	37.9 - 50.1
<b>IMMUNOGLOBULINS</b> direct IgM Immunoturbidimetry other Humalyzer	g/l	0.54	0.39 - 0.69	mg/dl	54.2	39.4 - 69.0
<b>LDH</b> SCE mod. IquIUV Substrate Pyruvate, 37°C, SCE Humalyzer 4000	µkat/l	6.73	5.42 - 8.13	U/l	404	325 - 488
<b>LDH</b> SCE mod. IquIUV Substrate Pyruvate, 37°C, SCE other Humalyzer	µkat/l	6.83	5.73 - 7.93	U/l	410	344 - 476
<b>LDL CHOLESTEROL</b> Iquicolor Homogenous enzymatic assay	mmol/l	not available	- - -	mg/dl	not available	- - -
<b>LIPASE</b> Iquicolor Substrate Methylresorufin, 37°C	µkat/l	0.70	0.51 - 0.89	U/l	41.7	30.3 - 53.1
<b>LIPOPROTEIN (a)</b> Immunoturbidimetry	g/l	0.40	0.21 - 0.60	mg/dl	40.0	20.5 - 59.6
<b>MAGNESIUM</b> Iquicolor Xylidyl blue	mmol/l	1.00	0.86 - 1.12	mg/dl	2.42	2.10 - 2.73
<b>PANCREAS-AMYLASE</b> Iquicolor EPS-G7, 37°C	µkat/l	not available	- - -	U/l	not available	- - -
<b>PHOSPHORUS</b> Iquirapid Molybdate (UV)	mmol/l	1.08	0.86 - 1.33	mg/dl	3.36	2.65 - 4.12
<b>POTASSIUM</b> Iquirapid Precipitation method	mmol/l	3.72	2.85 - 4.58	mval/l	3.72	2.85 - 4.58
<b>POTASSIUM</b> IquIUV Enzymatic	mmol/l	3.88	3.57 - 4.19	mval/l	3.88	3.57 - 4.19
<b>SODIUM</b> Iquicolor Enzymatic	mmol/l	95.2	79.2 - 111	mval/l	95.2	79.2 - 111
<b>SODIUM</b> RAPID Precipitation method	mmol/l	93.3	69.8 - 117	mval/l	93.3	69.8 - 117
<b>TIBC</b> Fe saturation Fe determination using IRON Iquicolor	µmol/l	50.1	33.7 - 66.6	µg/dl	280	188 - 372
<b>TOTAL PROTEIN</b> Iquicolor Biuret	g/l	54.0	46.6 - 61.4	g/dl	5.40	4.66 - 6.14
<b>TRIGLYCERIDES</b> Iquicolor <sup>mono</sup> GPO POD	mmol/l	1.43	1.21 - 1.64	mg/dl	125	106 - 144
<b>UREA</b> Iquicolor Berthelot mod.	mmol/l	5.54	3.96 - 7.13	mg/dl	33.3	23.8 - 42.8
<b>UREA</b> IquIUV Urease	mmol/l	5.58	4.75 - 6.39	mg/dl	33.5	28.5 - 38.4
<b>URIC ACID</b> Iquicolor <sup>plus</sup> Uricase with ascorbate oxidase Humalyzer 4000	µmol/l	271	205 - 337	mg/dl	4.55	3.44 - 5.66
<b>URIC ACID</b> Iquicolor <sup>plus</sup> Uricase with ascorbate oxidase other Humalyzer	µmol/l	337	266 - 407	mg/dl	5.66	4.47 - 6.84
<b>URIC ACID</b> Iquicolor Uricase	µmol/l	280	197 - 363	mg/dl	4.71	3.32 - 6.10

\* Stability after reconstitution and storage at 2-8°C for 7 days.