

Target Values / Sollwerte / Valores Asignados/ Valeurs Cibles

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

Link for latest version of target value sheet:

HumaStar analyzer

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

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	in preparation	- - -	U/l	in preparation	- - -
<b>ALBUMIN Iiquicolor</b> Bromcresol green	g/l	29.3	26.9 - 31.7	g/dl	2.93	2.69 - 3.17
<b>ALKALINE PHOSPHATASE Iiquicolor</b> AMP buffer, 37°C, IFCC	µkat/l	1.82	1.61 - 2.03	U/l	109	96.5 - 122
<b>ALKALINE PHOSPHATASE opt. Iiquicolor</b> DEA buffer, 37°C, GSCC/DGKC	µkat/l	2.83	2.45 - 3.22	U/l	170	147 - 193
<b>alpha-AMYLASE Iiquicolor</b> CNP3, 37°C, IFCC	µkat/l	1.59	1.42 - 1.75	U/l	95.2	85.2 - 105
<b>APOLIPOPROTEIN A1</b> Immunoturbidimetry HumaStar 100	g/l	0.81	0.63 - 0.99	mg/dl	81.0	62.9 - 99.1
<b>APOLIPOPROTEIN A1</b> Immunoturbidimetry HumaStar 200	g/l	0.71	0.61 - 0.81	mg/dl	70.9	60.7 - 81.0
<b>APOLIPOPROTEIN A1</b> Immunoturbidimetry HumaStar 600	g/l	0.60	0.51 - 0.69	mg/dl	59.9	50.6 - 69.1
<b>APOLIPOPROTEIN B</b> Immunoturbidimetry HumaStar 100/200	g/l	0.50	0.44 - 0.56	mg/dl	50.2	44.1 - 56.3
<b>APOLIPOPROTEIN B</b> Immunoturbidimetry HumaStar 600	g/l	0.41	0.32 - 0.49	mg/dl	40.7	32.4 - 49.0
<b>auto-BILIRUBIN-D Iiquicolor</b> DPD	µmol/l	13.2	11.3 - 15.1	mg/dl	0.77	0.66 - 0.88
<b>auto-BILIRUBIN-T Iiquicolor</b> DPD	µmol/l	16.4	12.5 - 20.4	mg/dl	0.96	0.73 - 1.19
<b>CALCIUM Iiquicolor</b> Ortho-cresolphthalein	mmol/l	2.10	1.95 - 2.26	mg/dl	8.40	7.78 - 9.02
<b>Chloride</b> ISE direct	mmol/l	94.1	90.0 - 98.1	mg/dl	334	319 - 348
<b>CHLORIDE Iiquicolor</b> TPTZ	mmol/l	95.0	87.5 - 102	mg/dl	337	310 - 362
<b>CHOLESTEROL Iiquicolor</b> CHOD PAP	mmol/l	4.14	3.54 - 4.73	mg/dl	160	137 - 183
<b>CHOLINESTERASE Iiquicolor</b> Butyrylthiocholine, 37°C, GSCC/DGKC	µkat/l	64.7	59.4 - 70.1	U/l	3884	3563 - 4204
<b>CK NAC IiquiUV</b> Enzymatic, 37°C, IFCC	µkat/l	2.10	1.78 - 2.40	U/l	126	107 - 144
<b>auto-CREATININE Iiquicolor</b> Jaffé	µmol/l	103	94.6 - 111	mg/dl	1.16	1.07 - 1.25
<b>CREATININE (enzym) Iiquicolor</b> Enzymatic	µmol/l	82.2	67.2 - 97.2	mg/dl	0.93	0.76 - 1.10
<b>gamma-GT Iiquicolor</b> Gamma-Glutamyl-3-carboxy-4-nitroanilide, 37°C, IFCC	µkat/l	0.57	0.48 - 0.67	U/l	34.3	28.6 - 39.9
<b>GLUCOSE Iiquicolor</b> GOD	mmol/l	5.02	4.73 - 5.31	mg/dl	90.5	85.3 - 95.7
<b>GLUCOSE IiquiUV<sup>mono</sup></b> Hexokinase	mmol/l	4.95	4.39 - 5.50	mg/dl	89.1	79.1 - 99.1
<b>GOT (ASAT) IFCC mod. IiquiUV</b> Enzymatic, 37°C, IFCC without P5P	µkat/l	0.56	0.50 - 0.62	U/l	33.3	29.7 - 36.9
<b>GPT (ALAT) IFCC mod. IiquiUV</b> Enzymatic, 37°C, IFCC without P5P	µkat/l	0.59	0.51 - 0.67	U/l	35.2	30.3 - 40.2
<b>HDL CHOLESTEROL Iiquicolor</b> Homogenous enzymatic assay	mmol/l	not available	- - -	mg/dl	not available	- - -
<b>IRON Iiquicolor</b> CAB HumaStar 100	µmol/l	19.1	14.5 - 23.7	µg/dl	107	81.1 - 132
<b>IRON Iiquicolor</b> CAB HumaStar 200	µmol/l	23.4	20.5 - 26.2	µg/dl	131	115 - 147
<b>IRON TPTZ Iiquicolor</b> TPTZ HumaStar 100/200	µmol/l	13.3	10.0 - 16.6	µg/dl	74.4	55.9 - 93.0
<b>IRON TPTZ Iiquicolor</b> TPTZ HumaStar 300SR/600	µmol/l	16.6	15.4 - 17.8	µg/dl	92.8	86.0 - 99.5
<b>IMMUNOGLOBULINS direct IgA</b> Immunoturbidimetry	g/l	1.56	1.24 - 1.87	mg/dl	156	124 - 187

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<b>IMMUNOGLOBULINS direct IgG</b> Immunoturbidimetry	g/l	6.66	5.71 - 7.61	mg/dl	666	571 - 761
<b>IMMUNOGLOBULINS direct IgM</b> Immunoturbidimetry	g/l	0.53	0.41 - 0.64	mg/dl	52.9	41.4 - 64.4
<b>LDH SCE mod. liquiUV</b> Substrate Pyruvate, 37°C, SCE	µkat/l	6.42	5.73 - 7.10	U/l	385	344 - 426
<b>LDL CHOLESTEROL liquicolor</b> Homogenous enzymatic assay	mmol/l	not available	- - -	mg/dl	not available	- - -
<b>LIPASE liquicolor</b> Substrate Methylresorufin, 37°C	µkat/l	0.58	0.47 - 0.70	U/l	35.0	28.2 - 41.8
<b>LIPOPROTEIN (a)</b> Immunoturbidimetry	g/l	0.39	0.37 - 0.42	mg/dl	39.3	36.5 - 42.0
<b>MAGNESIUM liquicolor</b> Xylidyl blue	mmol/l	0.92	0.82 - 1.02	mg/dl	2.23	1.99 - 2.47
<b>PANCREAS-AMYLASE liquicolor</b> EPS-G7, 37°C	µkat/l	1.04	0.90 - 1.17	U/l	62.1	53.9 - 70.4
<b>PHOSPHORUS liquirapid</b> Molybdate (UV)	mmol/l	1.11	0.97 - 1.26	mg/dl	3.45	3.01 - 3.89
<b>Potassium</b> ISE direct HumaStar 600	mmol/l	3.97	3.87 - 4.06	mval/l	3.97	3.87 - 4.06
<b>Potassium</b> ISE direct HumaLyte	mmol/l	4.38	4.26 - 4.50	mval/l	4.38	4.26 - 4.50
<b>POTASSIUM liquiUV</b> Enzymatic	mmol/l	4.62	3.44 - 5.80	mval/l	4.62	3.44 - 5.80
<b>Sodium</b> ISE direct HumaStar 600	mmol/l	116	112 - 121	mval/l	116	112 - 121
<b>Sodium</b> ISE direct HumaLyte	mmol/l	107	105 - 109	mval/l	107	105 - 109
<b>SODIUM liquicolor</b> Enzymatic	mmol/l	108	94.6 - 121	mval/l	108	94.6 - 121
<b>TIBC</b> Fe saturation Fe determination using IRON liquicolor	µmol/l	53.9	44.9 - 62.7	µg/dl	301	251 - 350
<b>TIBC</b> Fe saturation Fe determination using IRON TPTZ liquicolor	µmol/l	46.2	39.7 - 52.6	µg/dl	258	222 - 294
<b>TOTAL PROTEIN liquicolor</b> Biuret	g/l	53.4	50.1 - 56.7	g/dl	5.34	5.01 - 5.67
<b>TRIGLYCERIDES liquicolor<sup>mono</sup></b> GPO POD	mmol/l	1.57	1.40 - 1.74	mg/dl	138	123 - 153
<b>UREA liquiUV</b> Urease	mmol/l	5.44	4.68 - 6.21	mg/dl	32.7	28.1 - 37.3
<b>URIC ACID liquicolor<sup>plus</sup></b> Uricase with ascorbate oxidase	µmol/l	261	228 - 293	mg/dl	4.38	3.84 - 4.92
<b>URIC ACID liquicolor</b> Uricase	µmol/l	288	227 - 349	mg/dl	4.84	3.82 - 5.86

CS-SE

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