

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

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

CS-SE

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