

Target Values / Sollwerte / Valores Asignados/ Valeurs Cibles

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

Link for latest version of target value sheet:

HumaStar and HumaLyte

<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	0.038	0.00 - 0.076	U/l	2.28	0.00 - 4.55
ALBUMIN Iiquicolor Bromocresol green	g/l	30.8	28.6 - 33.0	g/dl	3.08	2.86 - 3.30
ALKALINE PHOSPHATASE Iiquicolor AMP buffer, 37°C, IFCC	µkat/l	1.64	1.26 - 2.02	U/l	98.4	75.7 - 121
ALKALINE PHOSPHATASE opt. Iiquicolor DEA buffer, 37°C, GSCC/DGKC	µkat/l	2.68	1.95 - 3.48	U/l	161	117 - 209
alpha-AMYLASE Iiquicolor CNP3, 37°C, IFCC	µkat/l	1.52	1.31 - 1.73	U/l	91.0	78.3 - 104
APOLIPOPROTEIN A1 Immunoturbidimetry HumaStar 100	g/l	0.810	0.629 - 0.991	mg/dl	81.0	62.9 - 99.1
APOLIPOPROTEIN A1 Immunoturbidimetry HumaStar 200	g/l	0.709	0.607 - 0.810	mg/dl	70.9	60.7 - 81.0
APOLIPOPROTEIN A1 Immunoturbidimetry HumaStar 600	g/l	0.599	0.506 - 0.691	mg/dl	59.9	50.6 - 69.1
APOLIPOPROTEIN B Immunoturbidimetry HumaStar 100 / 200	g/l	0.502	0.441 - 0.563	mg/dl	50.2	44.1 - 56.3
APOLIPOPROTEIN B Immunoturbidimetry HumaStar 600	g/l	0.407	0.324 - 0.490	mg/dl	40.7	32.4 - 49.0
auto-BILIRUBIN-D Iiquicolor DPD	µmol/l	14.5	10.8 - 18.3	mg/dl	0.85	0.63 - 1.07
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	95.1	89.6 - 101	mg/dl	337	318 - 358
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	2.35	1.51 - 3.22	U/l	141	90.4 - 193
auto-CREATININE Iiquicolor Jaffé, uncompensated up to LOT 24500	µmol/l	104	90.2 - 118	mg/dl	1.18	1.02 - 1.34
auto-CREATININE Iiquicolor Jaffé, compensated from LOT 24501	Target values for auto-CREATININE Iiquicolor (≥ LOT 24501) will be provided on request only.					
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	0.572	0.477 - 0.665	U/l	34.3	28.6 - 39.9
GLUCOSE Iiquicolor GOD	mmol/l	5.03	4.41 - 5.66	mg/dl	90.6	79.4 - 102
GLUCOSE IiquiUV^{mono} Hexokinase	mmol/l	5.07	4.55 - 5.59	mg/dl	91.4	82.0 - 101
GOT (AST) IFCC mod. IiquiUV Enzymatic, 37°C, IFCC without P5P	µkat/l	0.517	0.435 - 0.598	U/l	31.0	26.1 - 35.9
GPT (ALT) IFCC mod. IiquiUV Enzymatic, 37°C, IFCC without P5P	µkat/l	0.598	0.487 - 0.708	U/l	35.9	29.2 - 42.5
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

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IRON TPTZ Ilicolor 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
IMMUNOGLOBULINS direct IgG Immunoturbidimetry	g/l	6.66	5.71 - 7.61	mg/dl	666	571 - 761
IMMUNOGLOBULINS direct IgM Immunoturbidimetry	g/l	0.529	0.414 - 0.644	mg/dl	52.9	41.4 - 64.4
LDH SCE mod. Ilicolor Substrate Pyruvate, 37°C, SCE	µkat/l	6.73	5.42 - 8.13	U/l	404	325 - 488
LDL CHOLESTEROL Ilicolor Homogenous enzymatic assay	mmol/l	not available	- - -	mg/dl	not available	- - -
LIPASE Ilicolor Substrate Methylresorufin, 37°C	µkat/l	0.583	0.470 - 0.697	U/l	35.0	28.2 - 41.8
LIPOPROTEIN (a) Immunoturbidimetry	g/l	0.393	0.365 - 0.420	mg/dl	39.3	36.5 - 42.0
MAGNESIUM Ilicolor Xylidyl blue	mmol/l	0.872	0.782 - 0.963	mg/dl	2.12	1.90 - 2.34
PANCREAS-AMYLASE Ilicolor EPS-G7, 37°C	µkat/l	1.04	0.899 - 1.17	U/l	62.1	53.9 - 70.4
PHOSPHORUS Ilicolor Molybdate (UV)	mmol/l	1.08	0.856 - 1.330	mg/dl	3.36	2.65 - 4.12
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	4.35	4.15 - 4.55	mval/l	4.35	4.15 - 4.55
POTASSIUM Ilicolor Enzymatic	mmol/l	3.86	3.48 - 4.24	mval/l	3.86	3.48 - 4.24
Sodium ISE direct HumaStar 600	mmol/l	107	105 - 109	mval/l	107	105 - 109
Sodium ISE direct Humalyte	mmol/l	116	109 - 122	mval/l	116	109 - 122
SODIUM Ilicolor Enzymatic	mmol/l	99.9	82.5 - 117	mval/l	99.9	82.5 - 117
TIBC Fe saturation Fe determination using IRON Ilicolor	µmol/l	53.9	44.9 - 62.7	µg/dl	301	251 - 350
TIBC Fe saturation Fe determination using IRON TPTZ Ilicolor	µmol/l	46.2	39.7 - 52.6	µg/dl	258	222 - 294
TOTAL PROTEIN Ilicolor Biuret	g/l	56.5	53.4 - 59.6	g/dl	5.65	5.34 - 5.96
TRIGLYCERIDES Ilicolor^{mono} GPO POD	mmol/l	1.61	1.36 - 1.86	mg/dl	141	119 - 163
UREA Ilicolor Urease	mmol/l	5.44	4.68 - 6.21	mg/dl	32.7	28.1 - 37.3
URIC ACID Ilicolor^{plus} Uricase with ascorbate oxidase	µmol/l	261	228 - 293	mg/dl	4.38	3.84 - 4.92
URIC ACID Ilicolor Uricase	µmol/l	303	253 - 352	mg/dl	5.09	4.25 - 5.92

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

CS-SE

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