

	Method Methode Método Méthode * 37°C	SI Units SI Einheiten Unidades SI Unités SI	Target Sollwert Valor meta Valeur souhaitée	Range Bereich Rango Marge	Units Einheiten Unidades Unités	Target Sollwert Valor meta Valeur souhaitée	Range Bereich Rango Marge
HUMAN							
ACID PHOSPHATASE							
HumaStar 600	a-Naphtylphosphate *	µkat/l	0.0598	0.0401 - 0.0796	U/l	3.59	2.41 - 4.77
Others	a-Naphtylphosphate *	µkat/l	0.0598	< 0.053 - 0.0796	U/l	3.59	< 3,2 4.77
ALBUMIN liquidolor	CRM 470 standardised	g/l	33.0	25.4 - 40.6	g/dl	3.30	2.54 - 4.06
ALKALINE PHOSPHATASE liquidolor	IFCC, AMP Buffer *	µkat/l	2.03	1.53 - 2.54	U/l	122	91.5 - 153
ALKALINE PHOSPHATASE opt. liquidolor	DGKC, DEA Buffer *	µkat/l	2.60	1.95 - 3.25	U/l	156	117 - 195
alpha-AMYLASE liquidolor	IFCC *	µkat/l	1.51	1.21 - 1.81	U/l	90.6	72.5 - 109
Apolipoprotein A1 (APO A1)	Turbidimetry	g/l	1.21	0.97 - 1.45	mg/dl	121	96.8 - 145
Apolipoprotein B (APO B)	Turbidimetry	g/l	0.658	0.526 - 0.790	mg/dl	65.8	52.6 - 79.0
auto-BILIRUBIN-D liquidolor	DPD	µmol/l	14.0	10.4 - 17.7	mg/dl	0.82	0.61 - 1.03
auto-BILIRUBIN-T liquidolor							
HumaLyzer 4000	DPD	µmol/l	<20,5	-	mg/dl	<1,20	-
Others	DPD	µmol/l	17.3	12.8 21.8	mg/dl	1.01	0.75 - 1.27
BILIRUBIN liquidolor	2,4 - Dichloroaniline DCA	µmol/l	15.1	11.1 - 19.0	mg/dl	0.88	0.65 - 1.11
BILIRUBIN DIRECT/TOTAL liquidolor, Direct	Jendrassik-Gróf	µmol/l	< 17,1	-	mg/dl	< 1,00	-
BILIRUBIN DIRECT/TOTAL liquidolor, Total	Jendrassik-Gróf	µmol/l	19.2	14.2 - 24.1	mg/dl	1.12	0.83 - 1.41
CALCIUM liquidolor	o-Cresolphthalein complexone	mmol/l	2.05	1.82 - 2.27	mg/dl	8.19	7.29 - 9.09
CHLORIDE	ISE (direct)	mmol/l	94.6	86.1 - 103	mg/dl	335	305 - 366
CHLORIDE liquidolor	TPTZ	mmol/l	99.2	90.3 - 108	mg/dl	352	320 - 383
CHOLESTEROL liquidolor	CHOD-PAP	mmol/l	4.27	3.67 - 4.86	mg/dl	165	142 - 188
CHOLINESTERASE liquidolor	Butyrylthiocholine *	µkat/l	88.7	72.7 - 105	U/l	5319	4362 - 6276
CK NAC activated	DGKC optimised *	µkat/l	2.47	1.97 - 2.96	U/l	148	118 - 178
CK NAC activated liquiUV	IFCC *	µkat/l	2.47	1.97 - 2.96	U/l	148	118 - 178
auto-CREATININE liquidolor	Jaffé, kinetic, without deproteinisation	µmol/l	101	78.6 - 123	mg/dl	1.14	0.89 - 1.39
CREATININE liquidolor	Jaffé, kinetic, without deproteinisation	µmol/l	96.4	75.2 - 118	mg/dl	1.09	0.85 - 1.33
CREATININE (enzym) liquidolor	Enzymatic colorimetric test	µmol/l	91.1	71.0 - 111	mg/dl	1.03	0.80 - 1.26
gamma-GT liquidolor	gamma-Glutamyl-3carboxy-4-nitroanilide *	µkat/l	0.603	0.471 - 0.736	U/l	36.2	28.2 - 44.2
GLUCOSE liquidolor	GOD-PAP	mmol/l	5.42	4.55 - 6.29	mg/dl	97.7	82.1 - 113
GLUCOSE liquiUV ^{mono}	Hexokinase /G6P-DH	mmol/l	5.38	4.52 - 6.24	mg/dl	97.0	81.5 - 113
GOT (ASAT) IFCC mod. liquiUV	IFCC without pyridoxal phosphate *	µkat/l	0.585	0.451 - 0.720	U/l	35.1	27.0 - 43.2
GPT (ALAT) IFCC mod. liquiUV	IFCC *	µkat/l	0.625	0.481 - 0.769	U/l	37.5	28.9 - 46.1
HDL CHOLESTEROL liquidolor							
for Kit calibrator up to lot 22000	Direct enzymatic test	mmol/l	1.47	1.24 - 1.71	mg/dl	56.9	47.9 - 66.0
for Kit calibrator from lot 22001	Direct enzymatic test	mmol/l	1.78	1.44 - 2.13	mg/dl	68.9	55.6 - 82.2
HumaStar analyzer Autocal # 0017	Direct enzymatic test	mmol/l	1.38	1.15 - 1.61	mg/dl	53.3	44.4 - 62.2
HumaStar analyzer Autocal # 0018	Direct enzymatic test	mmol/l	1.78	1.59 - 1.96	mg/dl	68.7	61.5 - 75.9
HDL CHOLESTEROL	CHOD-PAP after precipitation	mmol/l	0.962	0.770 - 1.15	mg/dl	37.2	29.8 - 44.6
IRON liquidolor	CAB	µmol/l	15.9	13.7 - 18.2	µg/dl	89.1	76.6 - 102
IRON TPTZ liquidolor	TPTZ	µmol/l	16.1	13.9 - 18.4	µg/dl	90.0	77.4 - 103
IMMUNOGLOBULINS direct IgA	Turbidimetry	g/l	1.66	1.26 - 2.06	mg/dl	166	126 - 206
IMMUNOGLOBULINS direct IgG	Turbidimetry	g/l	7.50	6.00 - 9.00	mg/dl	750	600 - 900
IMMUNOGLOBULINS direct IgM							
HumaStar 100 / 200 / 300SR	Turbidimetry	g/l	0.603	0.434 - 0.772	mg/dl	60.3	43.4 - 77.2
Others	Turbidimetry	g/l	0.509	0.408 - 0.611	mg/dl	50.9	36.7 - 65.2
LDH SCE mod. liquiUV	SCE mod. Pyruvate - Lactate *	µkat/l	6.55	5.37 - 7.73	U/l	393	322 - 464

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LDL CHOLESTEROL liquicolor							
for Kit calibrator up to 22000	Direct enzymatic test	mmol/l	2.08	1.33 - 2.82	mg/dl	80.3	51.5 - 109
for Kit calibrator from lot 22001	Direct enzymatic test	mmol/l	1.66	1.46 - 1.85	mg/dl	64.0	56.4 - 71.6
HumaStar analyzer Autocal # 0017	Direct enzymatic test	mmol/l	2.17	1.70 - 2.64	mg/dl	83.8	65.9 - 102
HumaStar analyzer Autocal # 0018	Direct enzymatic test	mmol/l	1.65	1.36 - 1.93	mg/dl	63.7	52.5 - 74.8
LIPASE liquicolor	Enzymatic colorimetric test *	µkat/l	0.820	0.656 - 0.984	U/l	49.2	39.4 - 59.0
from Lot #21501 with HumaStar 100 / 200 / 300SR	Enzymatic colorimetric test *	µkat/l	0.932	0.745 - 1.12	U/l	55.9	44.7 - 67.1
LIPOPROTEIN (a), Lp(a)	Turbidimetry	g/l	0.0753	0.0602 - 0.0904	mg/dl	7.53	6.02 - 9.04
MAGNESIUM liquicolor	Xylidyl blue	mmol/l	0.896	0.753 - 1.04	mg/dl	2.18	1.83 - 2.53
PANCREAS-AMYLASE liquicolor	EPS-G7 *	µkat/l	0.979	0.783 - 1.17	U/l	58.7	47.0 - 70.4
PHOSPHORUS liquirapid	Phosphomolybdate	mmol/l	1.15	0.943 - 1.36	mg/dl	3.56	2.92 - 4.20
POTASSIUM	ISE (direct)	mmol/l	3.92	3.57 - 4.27	mval/l	3.92	3.57 - 4.27
POTASSIUM liquirapid	Tetraphenylboron	mmol/l	3.55	3.23 - 3.87	mval/l	3.55	3.23 - 3.87
POTASSIUM liquiUV	Enzymatic UV test	mmol/l	4.09	3.48 - 4.70	mval/l	4.09	3.48 - 4.70
SODIUM	ISE (direct)	mmol/l	112	105 - 119	mval/l	112	105 - 119
SODIUM liquicolor	Enzymatic colorimetric test	mmol/l	108	91.8 - 124	mval/l	108	91.8 - 124
SODIUM rapid	Mg-uranylacetate	mmol/l	106	100 - 112	mval/l	106	100 - 112
TIBC (total Iron binding capacity with IRON liquicolor)	Aluminum oxide adsorption CAB	µmol/l	56.0	44.8 - 67.2	µg/dl	313	250 - 376
TIBC (total Iron binding capacity with IRON TPTZ liquicolor)	Aluminum oxide adsorption TPTZ	µmol/l	55.0	44.0 - 65.9	µg/dl	307	246 - 368
TOTAL PROTEIN liquicolor	Biuret	g/l	60.7	54.0 - 67.4	g/dl	6.07	5.40 - 6.74
TRIGLYCERIDES liquicolor ^{mono}	GPO-PAP	mmol/l	1.28	1.05 - 1.51	mg/dl	112	91.8 - 132
UREA liquicolor	mod. Berthelot reaction	mmol/l	5.89	4.60 - 7.19	mg/dl	35.4	27.6 - 43.2
UREA liquiUV	Urease/GLDH	mmol/l	6.29	4.91 - 7.68	mg/dl	37.8	29.5 - 46.1
URIC ACID liquicolor	Uricase-PAP	µmol/l	275	236 - 313	mg/dl	4.62	3.97 - 5.27
URIC ACID liquicolor ^{plus}	Uricase-PAP	µmol/l	278	239 - 317	mg/dl	4.68	4.02 - 5.34

Other Manufacturers

Target values are available on demand. Please contact: support@human.de

CS-SE

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