

# HumaTrol P

LOT 0005

Version 4/09 - 2023

REF 13512

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Link for latest version of target value sheet:

Target Values / Sollwerte / Valores asignados/ Valeurs cibles

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

	Method Methode Método 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>							
ACID PHOSPHATASE	a-Naphthylphosphate, Hillmann mod., 37°C	µkat/l	0,208	0,070 - 0,347	U/l	12,5	4,21 - 20,8
ALBUMIN Iiquicolor	Bromocresol green	g/l	44,8	34,5 - 55,1	g/dl	4,48	3,45 - 5,51
ALKALINE PHOSPHATASE Iiquicolor	AMP buffer, 37°C, IFCC	µkat/l	7,52	5,64 - 9,40	U/l	451	338 - 564
ALKALINE PHOSPHATASE opt. Iiquicolor	DEA Buffer, 37°C, GSCC/DGKC	µkat/l	7,75	5,81 - 9,69	U/l	465	349 - 581
alpha-AMYLASE Iiquicolor	CNPG3, 37°C, IFCC	µkat/l	2,3	1,81 - 2,72	U/l	136	109 - 163
auto-BILIRUBIN-D Iiquicolor	DPD method	µmol/l	58,0	42,9 - 73,1	mg/dl	3,39	2,51 - 4,27
auto-BILIRUBIN-T Iiquicolor	DPD method	µmol/l	79,7	59,0 - 100	mg/dl	4,66	3,45 - 5,87
BILIRUBIN Iiquicolor	DCA method	µmol/l	68,4	50,6 - 86,2	mg/dl	4,00	2,96 - 5,04
BILIRUBIN DIRECT/TOTAL Iiquicolor Determination of Bilirubin direct	Jendrassik-Gróf	µmol/l	48,6	35,9 - 61,2	mg/dl	2,84	2,10 - 3,58
BILIRUBIN DIRECT/TOTAL Iiquicolor Determination of Bilirubin total	Jendrassik-Gróf	µmol/l	79,5	58,9 - 100	mg/dl	4,65	3,44 - 5,86
CALCIUM Iiquicolor	Ortho-cresolphthalein	mmol/l	3,23	2,87 - 3,58	mg/dl	12,9	11,5 - 14,3
Chloride	ISE direct	mmol/l	122	111 - 133	mg/dl	432	394 - 471
CHLORIDE Iiquicolor	TPTZ method	mmol/l	118	107 - 129	mg/dl	418	381 - 456
CHOLESTEROL Iiquicolor	CHOD-PAP	mmol/l	6,23	5,36 - 7,10	mg/dl	241	207 - 275
CK NAC activated	Enzymatic, 37°C	µkat/l	8,49	6,79 - 10,2	U/l	509	407 - 611
CK NAC IiquiUV	Enzymatic, 37°C, IFCC	µkat/l	8,65	6,92 - 10,4	U/l	519	415 - 623
auto-CREATININE Iiquicolor	Jaffé	µmol/l	388	303 - 473	mg/dl	4,39	3,42 - 5,36
CREATININE Iiquicolor	Jaffé	µmol/l	386	301 - 471	mg/dl	4,37	3,41 - 5,33
CREATININE (enzym) Iiquicolor	Enzymatic	µmol/l	409	319 - 499	mg/dl	4,63	3,61 - 5,65
gamma-GT Iiquicolor	Gamma-Glutamyl-3carboxy-4-nitroanilide, 37°C, IFCC	µkat/l	2,93	2,29 - 3,58	U/l	176	137 - 215
GLUCOSE Iiquicolor	GOD	mmol/l	12,9	10,8 - 14,9	mg/dl	232	195 - 269
GLUCOSE IiquiUV <sup>mono</sup>	Hexokinase	mmol/l	12,9	10,9 - 15,0	mg/dl	233	196 - 270
GOT (AST) IFCC mod. IiquiUV	Enzymatic, 37°C, IFCC without P5P	µkat/l	2,45	1,89 - 3,01	U/l	147	113 - 181
GPT (ALT) IFCC mod. IiquiUV	Enzymatic, 37°C, IFCC without P5P	µkat/l	2,08	1,60 - 2,56	U/l	125	96,3 - 154
HDL CHOLESTEROL	Precipitation method	mmol/l	4,76	3,81 - 5,71	mg/dl	184	147 - 221
IRON Iiquicolor HumaLyzer photometer	CAB	µmol/l	42,6	36,7 - 48,5	µg/dl	238	205 - 271
IRON Iiquicolor HumaStar analyzer	CAB	µmol/l	52,6	44,0 - 61,2	µg/dl	294	246 - 342
IRON TPTZ Iiquicolor	TPTZ	µmol/l	53,5	46,0 - 61,0	µg/dl	299	257 - 341
LDH SCE mod. IiquiUV HumaLyzer photometer	Substrate Pyruvate, 37°C, SCE	µkat/l	12,5	10,0 - 15,0	U/l	751	600 - 902
LDH SCE mod. IiquiUV HumaStar analyzer	Substrate Pyruvate, 37°C, SCE	µkat/l	10,7	9,10 - 12,4	U/l	643	546 - 741
MAGNESIUM Iiquicolor	Xylydyl blue	mmol/l	1,36	1,14 - 1,58	mg/dl	3,31	2,78 - 3,84
PANCREAS-AMYLASE Iiquicolor	EPS-G <sub>7</sub> , 37°C	µkat/l	1,98	1,59 - 2,38	U/l	119	95,2 - 143
PHOSPHORUS Iiquirapid HumaLyzer photometer	Molybdate (UV)	mmol/l	3,03	2,58 - 3,49	mg/dl	9,39	7,98 - 10,8
PHOSPHORUS Iiquirapid HumaStar analyzer	Molybdate (UV)	mmol/l	2,59	2,23 - 2,94	mg/dl	8,01	6,91 - 9,11
Potassium	ISE direct	mmol/l	6,31	5,68 - 6,94	mval/l	6,31	5,68 - 6,94
POTASSIUM Iiquirapid	Precipitation method	mmol/l	5,50	4,95 - 6,05	mval/l	5,50	4,95 - 6,05

<b>POTASSIUM liquiUV HumaLyzer photometer</b>	Enzymatic	mmol/l	5,98	5,35 - 6,61	mval/l	5,98	5,35 - 6,61
<b>POTASSIUM liquiUV HumaStar analyzer</b>	Enzymatic	mmol/l	5,80	5,37 - 6,23	mval/l	5,80	5,37 - 6,23
<b>Sodium</b>	ISE direct	mmol/l	165	155 - 175	mval/l	165	155 - 175
<b>SODIUM liquicolor HumaLyzer photometer</b>	Enzymatic	mmol/l	143	129 - 157	mval/l	143	129 - 157
<b>SODIUM liquicolor HumaStar analyzer</b>	Enzymatic	mmol/l	156	140 - 171	mval/l	156	140 - 171
<b>SODIUM RAPID</b>	Precipitation method	mmol/l	150	135 - 165	mval/l	150	135 - 165
<b>TIBC Fe determination using IRON liquicolor</b>	Fe saturation	µmol/l	120	96,4 - 145	µg/dl	673	538 - 808
<b>TIBC Fe determination using IRON TPTZ liquicolor</b>	Fe saturation	µmol/l	125	99,7 - 150	µg/dl	696	557 - 835
<b>TOTAL PROTEIN liquicolor</b>	Biuret	g/l	95,2	84,7 - 106	g/dl	9,52	8,47 - 10,6
<b>TRIGLYCERIDES liquicolor<sup>mono</sup></b>	GPO POD	mmol/l	2,67	2,19 - 3,15	mg/dl	234	192 - 276
<b>UREA liquicolor</b>	Berthelot mod.	mmol/l	25,5	19,9 - 31,1	mg/dl	153	119 - 187
<b>UREA liquiUV</b>	Urease (UV)	mmol/l	26,3	20,5 - 32,1	mg/dl	158	123 - 193
<b>URIC ACID liquicolor<sup>plus</sup> for HumaStar 80</b>	Uricase	µmol/l	631	542 - 718	mg/dl	10,6	9,11 - 12,1
<b>URIC ACID liquicolor<sup>plus</sup> for others</b>	Uricase	µmol/l	559	480 - 637	mg/dl	9,39	8,08 - 10,7
<b>URIC ACID liquicolor</b>	Uricase	µmol/l	572	505 - 636	mg/dl	9,61	8,49 - 10,7

CS-HP

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