



## Target Values / Sollwerte / Valores Asignados/ Valeurs Cibles

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

Test name @ Method Testname @ Methode Nombre de la prueba @ Método Nom du test @ 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>Level 1</b>							
<b>ALBUMIN Iiicolor</b>	HumaLyzer photometer	g/l	22.0	16.4 - 27.6	g/dl	2.20	1.64 - 2.76
Bromocresol green	HumaStar analyzer	g/l	22.9	20.0 - 25.8	g/dl	2.29	2.00 - 2.58
<b>anti-STREPTOLYSIN-O</b>	HumaLyzer photometer	klU/l	107	85.4 - 128	IU/ml	107	85.4 - 128
Immunoturbidimetry latex enhanced	HumaStar analyzer	klU/l	103	79.1 - 128	IU/ml	103	79.1 - 128
<b>COMPLEMENT C3</b>	HumaStar analyzer	g/l	0.660	0.578 - 0.742	mg/dl	66.0	57.8 - 74.2
<b>COMPLEMENT C4</b>	HumaStar analyzer w/o HS600	g/l	0.098	0.088 - 0.108	mg/dl	9.81	8.80 - 10.8
Immunoturbidimetry	HumaStar 600	g/l	0.112	0.107 - 0.118	mg/dl	11.2	10.7 - 11.8
<b>CRP</b>	HumaLyzer photometer	mg/l	7.30	4.41 - 10.2	mg/dl	0.730	0.441 - 1.02
Immunoturbidimetry	HumaStar 100, 200, 300SR	mg/l	6.86	5.08 - 8.64	mg/dl	0.686	0.508 - 0.864
	HumaStar 600	mg/l	8.09	6.70 - 9.47	mg/dl	0.809	0.670 - 0.947
<b>FERRITIN</b>	HumaLyzer photometer	µg/l	74.0	56.2 - 91.8	ng/ml	74.0	56.2 - 91.8
Immunoturbidimetry latex enhanced	HumaStar analyzer	µg/l	75.4	65.3 - 85.5	ng/ml	75.4	65.3 - 85.5
<b>IMMUNOGLOBULINS direct IgA</b>	HumaLyzer photometer	g/l	1.21	1.09 - 1.33	mg/dl	121	109 - 133
Immunoturbidimetry	HumaStar analyzer	g/l	1.18	0.97 - 1.39	mg/dl	118	97.4 - 139
<b>IMMUNOGLOBULINS direct IgG</b>	HumaLyzer photometer	g/l	13.9	12.4 - 15.4	mg/dl	1388	1235 - 1540
Immunoturbidimetry	HumaStar analyzer	g/l	13.6	10.4 - 16.8	mg/dl	1362	1040 - 1684
<b>IMMUNOGLOBULINS direct IgM</b>	HumaLyzer photometer	g/l	0.370	0.322 - 0.417	mg/dl	37.0	32.2 - 41.7
Immunoturbidimetry	HumaStar analyzer	g/l	0.352	0.264 - 0.440	mg/dl	35.2	26.4 - 44.0
<b>RHEUMATOID FACTORS</b>	Please refer to separate target value sheet - Use the following link:			<a href="https://www.human.de/target-value-sheets/">https://www.human.de/target-value-sheets/</a>			
<b>TOTAL PROTEIN Iiicolor</b>	HumaLyzer photometer	g/l	49.2	44.1 - 54.3	g/dl	4.92	4.41 - 5.43
Biuret	HumaStar analyzer	g/l	49.5	45.0 - 54.0	g/dl	4.95	4.50 - 5.40
<b>TRANSFERRIN</b>	HumaLyzer photometer	g/l	1.47	1.31 - 1.63	mg/dl	147	131 - 163
Immunoturbidimetry	HumaStar analyzer	g/l	1.44	1.16 - 1.71	mg/dl	144	116 - 171
<b>Level 2</b>							
<b>ALBUMIN Iiicolor</b>	HumaLyzer photometer	g/l	72.6	65.3 - 79.9	g/dl	7.26	6.53 - 7.99
Bromocresol green	HumaStar analyzer	g/l	75.1	69.3 - 80.9	g/dl	7.51	6.93 - 8.09
<b>anti-STREPTOLYSIN-O</b>	HumaLyzer photometer	klU/l	320	260 - 381	IU/ml	320	260 - 381
Immunoturbidimetry latex enhanced	HumaStar analyzer	klU/l	352	297 - 408	IU/ml	352	297 - 408
<b>COMPLEMENT C3</b>	HumaStar analyzer	g/l	2.02	1.62 - 2.42	mg/dl	202	162 - 242
<b>COMPLEMENT C4</b>	HumaStar analyzer	g/l	0.298	0.253 - 0.343	mg/dl	29.8	25.3 - 34.3
<b>CRP</b>	HumaLyzer photometer	mg/l	68.6	55.0 - 82.1	mg/dl	6.86	5.50 - 8.21
Immunoturbidimetry	HumaStar analyzer w/o HS600	mg/l	62.2	56.0 - 68.4	mg/dl	6.22	5.60 - 6.84
	HumaStar 600	mg/l	70.3	66.0 - 74.5	mg/dl	7.03	6.60 - 7.45
<b>FERRITIN</b>	HumaLyzer photometer	µg/l	408	341 - 475	ng/ml	408	341 - 475
Immunoturbidimetry latex enhanced	HumaStar analyzer	µg/l	374	314 - 434	ng/ml	374	314 - 434
<b>IMMUNOGLOBULINS direct IgA</b>	HumaLyzer photometer	g/l	3.80	3.41 - 4.19	mg/dl	380	341 - 419
Immunoturbidimetry	HumaStar analyzer	g/l	3.88	3.20 - 4.56	mg/dl	388	320 - 456
<b>IMMUNOGLOBULINS direct IgG</b>	HumaLyzer photometer	g/l	39.2	33.5 - 44.9	mg/dl	3916	3346 - 4486
Immunoturbidimetry	HumaStar 100 / 200	g/l	39.4	35.0 - 43.8	mg/dl	3939	3502 - 4376
	HumaStar 300SR / 600	g/l	44.5	30.7 - 58.3	mg/dl	4448	3065 - 5830
<b>IMMUNOGLOBULINS direct IgM</b>	HumaLyzer photometer	g/l	1.21	0.94 - 1.48	mg/dl	121	94.0 - 148
Immunoturbidimetry	HumaStar analyzer	g/l	1.28	1.06 - 1.50	mg/dl	128	106 - 150
<b>RHEUMATOID FACTORS</b>	Please refer to separate target value sheet - Use the following link:			<a href="https://www.human.de/target-value-sheets/">https://www.human.de/target-value-sheets/</a>			
<b>TOTAL PROTEIN Iiicolor</b>	HumaLyzer photometer	g/l	137	125 - 150	g/dl	13.7	12.5 - 15.0
Biuret	HumaStar analyzer	g/l	139	130 - 149	g/dl	13.9	13.0 - 14.9
<b>TRANSFERRIN</b>	HumaLyzer photometer	g/l	4.88	3.66 - 6.10	mg/dl	488	366 - 610
Immunoturbidimetry	HumaStar analyzer w/o HS600	g/l	4.36	3.60 - 5.11	mg/dl	436	360 - 511
	HumaStar 600	g/l	4.82	4.31 - 5.32	mg/dl	482	431 - 532

For concentrations above the measuring range, a technically reasonable dilution has to be carried out.  
Repeat the measurement and multiply the result by the dilution factor.