



Target Values / Sollwerte / Valores Asignados/ Valeurs Cibles

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	
HUMAN reagent kits							
Level 1							
ALBUMIN Iiquicolor	HumaLyzor 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
anti-STREPTOLYSIN-O	HumaLyzor 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
COMPLEMENT C3							
Immunoturbidimetry	HumaStar analyzer	g/l	0.660	0.578 - 0.742	mg/dl	66.0	57.8 - 74.2
COMPLEMENT C4							
Immunoturbidimetry	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
CRP							
Immunoturbidimetry	HumaLyzor photometer	mg/l	7.30	4.41 - 10.2	mg/dl	0.730	0.441 - 1.02
	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
FERRITIN							
Immunoturbidimetry latex enhanced	HumaLyzor photometer	µg/l	74.0	56.2 - 91.8	ng/ml	74.0	56.2 - 91.8
	HumaStar analyzer	µg/l	75.4	65.3 - 85.5	ng/ml	75.4	65.3 - 85.5
IMMUNOGLOBULINS direct IgA							
Immunoturbidimetry	HumaLyzor photometer	g/l	1.21	1.09 - 1.33	mg/dl	1.21	1.09 - 1.33
Immunoturbidimetry	HumaStar analyzer	g/l	1.18	0.97 - 1.39	mg/dl	1.18	0.97 - 1.39
IMMUNOGLOBULINS direct IgG							
Immunoturbidimetry	HumaLyzor 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
IMMUNOGLOBULINS direct IgM							
Immunoturbidimetry	HumaLyzor 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
RHEUMATOID FACTORS	Please refer to separate target value sheet - Use the following link:			https://www.human.de/target-value-sheets/			
TOTAL PROTEIN Iiquicolor	HumaLyzor 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
TRANSFERRIN							
Immunoturbidimetry	HumaLyzor 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
Level 2							
ALBUMIN Iiquicolor	HumaLyzor 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
anti-STREPTOLYSIN-O	HumaLyzor 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
COMPLEMENT C3							
Immunoturbidimetry	HumaStar analyzer	g/l	2.02	1.62 - 2.42	mg/dl	202	162 - 242
COMPLEMENT C4							
Immunoturbidimetry	HumaStar analyzer	g/l	0.298	0.253 - 0.343	mg/dl	29.8	25.3 - 34.3
CRP							
Immunoturbidimetry	HumaLyzor photometer	mg/l	68.6	55.0 - 82.1	mg/dl	6.86	5.50 - 8.21
	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
FERRITIN							
Immunoturbidimetry latex enhanced	HumaLyzor photometer	µg/l	408	341 - 475	ng/ml	408	341 - 475
	HumaStar analyzer	µg/l	374	314 - 434	ng/ml	374	314 - 434
IMMUNOGLOBULINS direct IgA							
Immunoturbidimetry	HumaLyzor 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
IMMUNOGLOBULINS direct IgG							
Immunoturbidimetry	HumaLyzor photometer	g/l	39.2	33.5 - 44.9	mg/dl	3916	3346 - 4486
	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
IMMUNOGLOBULINS direct IgM							
Immunoturbidimetry	HumaLyzor 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
RHEUMATOID FACTORS	Please refer to separate target value sheet - Use the following link:			https://www.human.de/target-value-sheets/			
TOTAL PROTEIN Iiquicolor	HumaLyzor 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
TRANSFERRIN							
Immunoturbidimetry	HumaLyzor 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
Immunoturbidimetry	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.