

# TURBIDOS

Target Values / Sollwerte / Valores Meta/ Valeurs Souhaitées

IVD  
Lot 17001

REF 13010

HUMAN Constituent / Method	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	
<b>Level 1</b>							
<b>ALBUMIN</b>	Multipurpose reagent	g/l	23,1	17,8 - 28,4	g/dl	2,31	1,78 - 2,84
Bromcresol Green CRM 470	HumaStar 600/150 system reagent	g/l	23,1	17,8 - 28,4	g/dl	2,31	1,78 - 2,84
<b>ANTISTREPTOLYSIN O (ASO)</b>	Multipurpose reagent	klU/l	109	87,2 - 131	IU/ml	109	87,2 - 131
Immunoturbidimetry latex enhanced	HumaStar 600 system reagent	klU/l	109	87,2 - 131	IU/ml	109	87,2 - 131
<b>C-REACTIVE PROTEIN (CRP)</b>	Multipurpose reagent****	mg/l	5,66	< 5,00 - 6,79	mg/dl	0,57	< 0,50 - 0,68
HumaStar 600/150 system reagent	HumaStar 600/150 system reagent	mg/l	5,66	< 5,00 - 6,79	mg/dl	0,57	< 0,50 - 0,68
<b>C-REACTIVE PROTEIN (CRP-hs)</b>	Multipurpose reagent , 1-P-Cal**	mg/l	6,03	< 5,00 - 7,24	mg/dl	0,60	< 0,50 - 0,72
Immunoturbidimetry	Multipurpose reagent , m-P-Cal***	mg/l	6,03	< 5,00 - 7,24	mg/dl	0,60	< 0,50 - 0,72
<b>COMPLEMENT C3</b>	Multipurpose reagent	g/l	0,66	0,52 - 0,79	mg/dl	65,5	52,4 - 78,6
Immunoturbidimetry	HumaStar 600 system reagent	g/l	0,64	0,51 - 0,77	mg/dl	64,1	51,3 - 76,9
<b>COMPLEMENT C4</b>	Multipurpose reagent	g/l	0,10	0,08 - 0,12	mg/dl	9,71	7,77 - 11,7
Immunoturbidimetry	HumaStar 600 system reagent	g/l	0,09	0,07 - 0,11	mg/dl	9,21	7,37 - 11,1
<b>FERRITIN</b>	Multipurpose reagent	µg/l	50,9	40,7 - 61,1	ng/ml	50,9	40,7 - 61,1
Immunoturbidimetry latex enhanced	HumaStar 600 system reagent	µg/l	50,9	40,7 - 61,1	ng/ml	50,9	40,7 - 61,1
<b>IMMUNOGLOBULIN A (IgA) direct</b>	Multipurpose reagent	g/l	1,20	0,96 - 1,44	mg/dl	120	96,0 - 144
Immunoturbidimetry	HumaStar 600 system reagent	g/l	1,20	0,96 - 1,44	mg/dl	120	96,0 - 144
<b>IMMUNOGLOBULIN G (IgG) direct</b>	Multipurpose reagent	g/l	9,87	7,90 - 11,84	mg/dl	987	790 - 1184
Immunoturbidimetry	HumaStar 600 system reagent	g/l	9,87	7,90 - 11,84	mg/dl	987	790 - 1184
<b>IMMUNOGLOBULIN M (IgM) direct</b>	Multipurpose reagent	g/l	0,50	0,40 - 0,60	mg/dl	49,6	39,7 - 59,5
Immunoturbidimetry	HumaStar 600 system reagent	g/l	0,47	0,38 - 0,57	mg/dl	47,3	37,8 - 56,8
<b>PROTEIN TOTAL</b>	Multipurpose reagent	g/l	46,7	41,6 - 51,8	g/dl	4,67	4,16 - 5,18
Biuret	HumaStar 600 system reagent	g/l	46,7	41,6 - 51,8	g/dl	4,67	4,16 - 5,18
<b>RHEUMATOID FACTORS (RF)</b>	Multipurpose reagent	klU/l	*		IU/ml	*	
Immunoturbidimetry	HumaStar 600 system reagent	klU/l	*		IU/ml	*	
<b>RHEUMATOID FACTORS (RF)</b>	Multipurpose reagent	klU/l	*		IU/ml	*	
Immunoturbidimetry latex enhanced							
<b>TRANSFERRIN</b>	Multipurpose reagent	g/l	1,43	1,14 - 1,72	mg/dl	143	114 - 172
Immunoturbidimetry	HumaStar 600 system reagent	g/l	1,55	1,24 - 1,86	mg/dl	155	124 - 186
<b>Level 2</b>							
<b>ALBUMIN*****</b>	Multipurpose reagent	g/l	76,9	59,2 - 94,6	g/dl	7,69	5,92 - 9,46
Bromcresol Green CRM 470	HumaStar 600 system reagent	g/l	71,4	55,0 - 87,8	g/dl	7,14	5,50 - 8,78
<b>ANTISTREPTOLYSIN O (ASO)</b>	Multipurpose reagent	klU/l	396	317 - 475	IU/ml	396	317 - 475
Immunoturbidimetry latex enhanced	HumaStar 600 system reagent	klU/l	384	307 - 461	IU/ml	384	307 - 461
<b>C-REACTIVE PROTEIN (CRP)</b>	Multipurpose reagent****	mg/l	57,9	46,3 - 69,5	mg/dl	5,79	4,63 - 6,95
HumaStar 600/150 system reagent	HumaStar 600/150 system reagent	mg/l	57,9	46,3 - 69,5	mg/dl	5,79	4,63 - 6,95
<b>C-REACTIVE PROTEIN (CRP-hs)</b>	Multipurpose reagent , 1-P-Cal**	mg/l	62,2	49,8 - 74,6	mg/dl	6,22	4,98 - 7,46
Immunoturbidimetry	Multipurpose reagent , m-P-Cal***	mg/l	54,8	43,8 - 65,8	mg/dl	5,48	4,38 - 6,58
<b>COMPLEMENT C3</b>	Multipurpose reagent	g/l	1,99	1,59 - 2,39	mg/dl	199	159 - 239
Immunoturbidimetry	HumaStar 600 system reagent	g/l	2,16	1,73 - 2,59	mg/dl	216	173 - 259
<b>COMPLEMENT C4</b>	Multipurpose reagent	g/l	0,32	0,26 - 0,39	mg/dl	32,2	25,8 - 38,6
Immunoturbidimetry	HumaStar 600 system reagent	g/l	0,30	0,24 - 0,36	mg/dl	30,3	24,2 - 36,4
<b>FERRITIN*****</b>	Multipurpose reagent	µg/l	686	549 - 823	ng/ml	686	549 - 823
Immunoturbidimetry latex enhanced	HumaStar 600 system reagent	µg/l	535	428 - 642	ng/ml	535	428 - 642
<b>IMMUNOGLOBULIN A (IgA) direct</b>	Multipurpose reagent	g/l	3,50	2,80 - 4,20	mg/dl	350	280 - 420
Immunoturbidimetry	HumaStar 600 system reagent	g/l	3,50	2,80 - 4,20	mg/dl	350	280 - 420
<b>IMMUNOGLOBULIN G (IgG)***** direct</b>	Multipurpose reagent	g/l	31,3	25,0 - 37,5	mg/dl	3125	2500 - 3750
Immunoturbidimetry	HumaStar 600 system reagent	g/l	29,2	23,3 - 35,0	mg/dl	2917	2334 - 3500
<b>IMMUNOGLOBULIN M (IgM) direct</b>	Multipurpose reagent	g/l	1,60	1,28 - 1,92	mg/dl	160	128 - 192
Immunoturbidimetry	HumaStar 600 system reagent	g/l	1,60	1,28 - 1,92	mg/dl	160	128 - 192
<b>PROTEIN TOTAL*****</b>	Multipurpose reagent	g/l	129	115 - 143	g/dl	12,9	11,5 - 14,3
Biuret	HumaStar 600 system reagent	g/l	129	115 - 143	g/dl	12,9	11,5 - 14,3
<b>RHEUMATOID FACTORS (RF)</b>	Multipurpose reagent	klU/l	*		IU/ml	*	
Immunoturbidimetry	HumaStar 600 system reagent	klU/l	*		IU/ml	*	
<b>RHEUMATOID FACTORS (RF)</b>	Multipurpose reagent	klU/l	*		IU/ml	*	
Immunoturbidimetry latex enhanced							
<b>TRANSFERRIN</b>	Multipurpose reagent	g/l	4,60	3,68 - 5,52	mg/dl	460	368 - 552
Immunoturbidimetry	HumaStar 600 system reagent	g/l	5,00	4,00 - 6,00	mg/dl	500	400 - 600

\* www.human.de/data/gb/vr/targetvaluerf-17001.pdf or  
www.human-de.com/data/gb/vr/targetvaluerf-17001.pdf

\*\* 1 point calibration

\*\*\* multipoint calibration

\*\*\*\*1 point and multipoint calibration, all CRP LOTs

\*\*\*\*\*Samples with concentrations above the measuring range should be diluted (4 + 2) with physiologic saline or Diluent, [REF] 16663/10, and re-run. The result has to be multiplied with the dilution factor (1.5).

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## Human

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