

Resistance to human serum bactericidal activity (25%)											
Assay: 06/05/2021						Counting: 07/05/2021					
EC071											
PBS - Time: 0											
	Spot 1	Spot 2	Spot 3	Média	CFU/mL						
10 ⁻²	inc	inc	inc	#DIV/0!	2,8E+08						
10 ⁻³	inc	inc	inc	#DIV/0!							
10 ⁻⁴	inc	inc	inc	#DIV/0!							
10 ⁻⁵	23	28	33	28							
10 ⁻⁶	1	2	3	2							
NHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻¹	inc	inc	inc	#DIV/0!	4,3E+08	10 ⁻¹	inc	inc	inc	#DIV/0!	6,9E+08
10 ⁻²	inc	inc	inc	#DIV/0!		10 ⁻²	inc	inc	inc	#DIV/0!	
10 ⁻³	inc	inc	inc	#DIV/0!		10 ⁻³	inc	inc	inc	#DIV/0!	
10 ⁻⁴	inc	inc	inc	#DIV/0!		10 ⁻⁴	inc	inc	inc	#DIV/0!	
10 ⁻⁵	38	42	49	43		10 ⁻⁵	63	71	73	69	
heat-IHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻²	inc	inc	inc	#DIV/0!	9,0E+08	10 ⁻²	inc	inc	inc	#DIV/0!	1,3E+09
10 ⁻³	inc	inc	inc	#DIV/0!		10 ⁻³	inc	inc	inc	#DIV/0!	
10 ⁻⁴	inc	inc	inc	#DIV/0!		10 ⁻⁴	inc	inc	inc	#DIV/0!	
10 ⁻⁵	52	58	53	54		10 ⁻⁵	inc	inc	inc	#DIV/0!	
10 ⁻⁶	7	8	12	9		10 ⁻⁶	9	14	17	13	
DH5alfa											
PBS - Time: 0											
	Spot 1	Spot 2	Spot 3	Média	CFU/mL						
10 ⁻²	inc	inc	inc	#DIV/0!	9,0E+07						
10 ⁻³	inc	inc	inc	#DIV/0!							
10 ⁻⁴	31	35	39	35							
10 ⁻⁵	7	8	12	9							
10 ⁻⁶	0	0	0	0							
NHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻¹	0	0	0	0	0,0E+00	10 ⁻¹	0	0	0	0	0
10 ⁻²	0	0	0	0		10 ⁻²	0	0	0	0	
10 ⁻³	0	0	0	0		10 ⁻³	0	0	0	0	
10 ⁻⁴	0	0	0	0		10 ⁻⁴	0	0	0	0	
10 ⁻⁵	0	0	0	0		10 ⁻⁵	0	0	0	0	
heat-IHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻²	inc	inc	inc	#DIV/0!	1,5E+08	10 ⁻²	inc	inc	inc	#DIV/0!	1,9E+08
10 ⁻³	inc	inc	inc	#DIV/0!		10 ⁻³	inc	inc	inc	#DIV/0!	
10 ⁻⁴	inc	inc	inc	#DIV/0!		10 ⁻⁴	inc	inc	inc	#DIV/0!	
10 ⁻⁵	11	17	17	15		10 ⁻⁵	16	17	23	19	
10 ⁻⁶	1	1	4	2		10 ⁻⁶	2	4	2	3	

Resistance to human serum bactericidal activity (25%)											
Assay: 10/05/2021						Counting: 11/05/2021					
EC071											
PBS - Time 0											
	Spot 1	Spot 2	Spot 3	Média	UFC/mL						
10 ⁻²	inc	inc	inc	#DIV/0!	1,1E+08						
10 ⁻³	inc	inc	inc	#DIV/0!							
10 ⁻⁴	inc	inc	inc	#DIV/0!							
10 ⁻⁵	7	13	14	11							
10 ⁻⁶	2	0	0	1							
NHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻²	inc	inc	inc	#DIV/0!	2,6E+08	10 ⁻²	inc	inc	inc	#DIV/0!	2,0E+08
10 ⁻³	inc	inc	inc	#DIV/0!		10 ⁻³	inc	inc	inc	#DIV/0!	
10 ⁻⁴	inc	inc	inc	#DIV/0!		10 ⁻⁴	inc	inc	inc	#DIV/0!	
10 ⁻⁵	20	29	30	26		10 ⁻⁵	29	30	38	32	
10 ⁻⁶	1	1	2	1		10 ⁻⁶	1	2	3	2	
heat-IHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻²	inc	inc	inc	#DIV/0!	4,3E+08	10 ⁻²	inc	inc	inc	#DIV/0!	6,0E+08
10 ⁻³	inc	inc	inc	#DIV/0!		10 ⁻³	inc	inc	inc	#DIV/0!	
10 ⁻⁴	inc	inc	inc	#DIV/0!		10 ⁻⁴	inc	inc	inc	#DIV/0!	
10 ⁻⁵	30	35	38	34		10 ⁻⁵	51	54	61	55	
10 ⁻⁶	3	4	6	4		10 ⁻⁶	3	5	10	6	
DH5alfa											
PBS - Time 0											
	Spot 1	Spot 2	Spot 3	Média	UFC/mL						
10 ⁻²	inc	inc	inc	#DIV/0!	1,2E+07						
10 ⁻³	inc	inc	inc	#DIV/0!							
10 ⁻⁴	4	16	17	12							
10 ⁻⁵	0	0	0	0							
10 ⁻⁶	0	0	0	0							
NHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻¹	0	0	0	0	0,0E+00	10 ⁻¹	0	0	0	0	0
10 ⁻²	0	0	0	0		10 ⁻²	0	0	0	0	
10 ⁻³	0	0	0	0		10 ⁻³	0	0	0	0	
10 ⁻⁴	0	0	0	0		10 ⁻⁴	0	0	0	0	
10 ⁻⁵	0	0	0	0		10 ⁻⁵	0	0	0	0	
heat-IHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻²	inc	inc	inc	#DIV/0!	5,0E+07	10 ⁻²	inc	inc	inc	#DIV/0!	9,3E+07
10 ⁻³	inc	inc	inc	#DIV/0!		10 ⁻³	inc	inc	inc	#DIV/0!	
10 ⁻⁴	48	49	56	51		10 ⁻⁴	46	53	60	53	
10 ⁻⁵	4	4	7	5		10 ⁻⁵	8	9	11	9	
10 ⁻⁶	0	0	0	0		10 ⁻⁶	0	0	0	0	

Resistance to human serum bactericidal activity (25%)											
Assay: 11/05/2021						Counting: 12/05/2021					
EC071											
PBS - Time 0											
	Spot 1	Spot 2	Spot 3	Média	UFC/mL						
10 ⁻²	inc	inc	inc	#DIV/0!	2,5E+08						
10 ⁻³	inc	inc	inc	#DIV/0!							
10 ⁻⁴	inc	inc	inc	#DIV/0!							
10 ⁻⁵	20	24	31	25							
10 ⁻⁶	1	1	1	1							
NHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻²	inc	inc	inc	#DIV/0!	2,0E+08	10 ⁻²	inc	inc	inc	#DIV/0!	2,7E+08
10 ⁻³	inc	inc	inc	#DIV/0!		10 ⁻³	inc	inc	inc	#DIV/0!	
10 ⁻⁴	inc	inc	inc	#DIV/0!		10 ⁻⁴	inc	inc	inc	#DIV/0!	
10 ⁻⁵	18	20	23	20		10 ⁻⁵	20	29	31	27	
10 ⁻⁶	2	2	3	2		10 ⁻⁶	4	5	5	5	
heat-IHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻²	inc	inc	inc	#DIV/0!	3,3E+08	10 ⁻²	inc	inc	inc	#DIV/0!	3,0E+08
10 ⁻³	inc	inc	inc	#DIV/0!		10 ⁻³	inc	inc	inc	#DIV/0!	
10 ⁻⁴	inc	inc	inc	#DIV/0!		10 ⁻⁴	inc	inc	inc	#DIV/0!	
10 ⁻⁵	29	34	37	33		10 ⁻⁵	inc	inc	inc	#DIV/0!	
10 ⁻⁶	3	3	4	3		10 ⁻⁶	2	3	4	3	
DH5alfa											
PBS - Time 0											
	Spot 1	Spot 2	Spot 3	Média	UFC/mL						
10 ⁻²	inc	inc	inc	#DIV/0!	2,1E+07						
10 ⁻³	inc	inc	inc	#DIV/0!							
10 ⁻⁴	19	21	24	21							
10 ⁻⁵	1	3	0	1							
10 ⁻⁶	0	0	0	0							
NHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻¹	0	0	0	0	0,0E+00	10 ⁻¹	0	0	0	0	0,0E+00
10 ⁻²	0	0	0	0		10 ⁻²	0	0	0	0	
10 ⁻³	0	0	0	0		10 ⁻³	0	0	0	0	
10 ⁻⁴	0	0	0	0		10 ⁻⁴	0	0	0	0	
10 ⁻⁵	0	0	0	0		10 ⁻⁵	0	0	0	0	
heat-IHS											
Time 30 min						Time 60 min					
	Spot 1	Spot 2	Spot 3	Média	CFU/mL		Spot 1	Spot 2	Spot 3	Média	CFU/mL
10 ⁻²	inc	inc	inc	#DIV/0!	6,2E+07	10 ⁻²	inc	inc	inc	#DIV/0!	5,7E+07
10 ⁻³	inc	inc	inc	#DIV/0!		10 ⁻³	inc	inc	inc	#DIV/0!	
10 ⁻⁴	59	60	67	62		10 ⁻⁴	41	44	55	47	
10 ⁻⁵	3	3	6	4		10 ⁻⁵	3	7	7	6	
10 ⁻⁶	0	0	0	0		10 ⁻⁶	0	0	0	0	