

Growth Curve

O.D._{600nm} x CFU/mL

Strain	CFT073									
Time	Replicates						Mean		SD	
	1		2		3					
	31/10/2020		04/11/2020		06/11/2020					
	O.D. _{600nm}	CFU/mL	O.D. _{600nm}	CFU/mL	O.D. _{600nm}	CFU/mL	O.D. _{600nm}	CFU/mL	O.D. _{600nm}	CFU/mL
30'	0,031	1,0E+07	0,023	1,1E+07	0,024	1,1E+07	0,026	1,1E+07	0,004	5,8E+05
1h	0,076	1,6E+07	0,061	1,7E+07	0,059	1,7E+07	0,065	1,7E+07	0,009	5,8E+05
1h30'	0,217	9,0E+07	0,174	4,0E+07	0,158	2,1E+07	0,183	5,0E+07	0,031	3,6E+07
2h	0,556	1,1E+08	0,467	8,0E+07	0,424	7,0E+07	0,482	8,7E+07	0,067	2,1E+07
2h30'	0,962	6,0E+08	0,807	5,0E+08	0,766	2,3E+08	0,845	4,4E+08	0,103	1,9E+08
3h	1,502	1,2E+09	1,407	1,0E+09	1,355	9,0E+08	1,421	1,0E+09	0,075	1,5E+08
3h30'	1,816	1,6E+09	1,727	1,9E+09	1,727	1,4E+09	1,757	1,6E+09	0,051	2,5E+08
4h	1,973	2,7E+09	1,932	2,4E+09	1,928	2,4E+09	1,944	2,5E+09	0,025	1,7E+08
4h30'	2,079	7,0E+09	2,049	5,0E+09	2,049	2,8E+09	2,059	4,9E+09	0,017	2,1E+09
5h	2,151	3,0E+09	2,135	4,0E+09	2,140	5,0E+09	2,142	4,0E+09	0,008	1,0E+09
5h30'	2,205	2,0E+09	2,199	2,0E+09	2,186	3,0E+09	2,197	2,3E+09	0,010	5,8E+08
6h	2,227	4,0E+09	2,238	4,0E+09	2,227	5,0E+09	2,231	4,3E+09	0,006	5,8E+08

Growth curve												
CFU/mL counting - Microdilution												
Strain	CFT073											
Time	Replicate: 1 - 31/10/2020 (counting: 01/11/2020)											
	Dilutions											
	10 ⁻³				10 ⁻⁴				10 ⁻⁵			
	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean
30'	inc	inc	inc	#DIV/0!	8	8	14	10	1	1	3	2
1h	inc	inc	inc	#DIV/0!	14	14	21	16	1	2	4	2
1h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	9	8	9	9
2h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	13	10	10	11
2h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	39	40	46	42
3h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
3h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
4h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
4h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
5h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
5h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
6h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
Time	Dilutions											
	10 ⁻⁶				10 ⁻⁷				10 ⁻⁸			
	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean
	30'	1	0	0	0	0	0	0	0	0	0	0
1h	0	1	0	0	0	0	0	0	0	0	0	0
1h30'	1	0	0	0	0	0	0	0	0	0	0	0
2h	1	3	0	1	0	0	0	0	0	0	0	0
2h30'	3	5	10	6	0	0	0	0	0	0	0	0
3h	9	14	14	12	0	2	3	2	1	1	0	1
3h30'	16	16	15	16	1	2	3	2	0	0	0	0
4h	26	27	28	27	1	1	3	2	0	0	0	0
4h30'	35	37	40	37	5	7	8	7	0	0	0	0
5h	29	33	30	31	0	2	7	3	1	0	0	0
5h30'	39	42	45	42	1	2	3	2	0	0	0	0
6h	37	38	49	41	3	5	5	4	1	0	0	0

Growth curve												
CFU/mL counting - Microdilution												
Strain	CFT073											
Time	Replicate: 2 - 04/11/2020 (counting: 05/11/2020)											
	Dilutions											
	10 ⁻³				10 ⁻⁴				10 ⁻⁵			
	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean
30'	inc	inc	inc	#DIV/0!	10	10	13	11	1	1	0	1
1h	inc	inc	inc	#DIV/0!	16	16	20	17	1	3	0	1
1h30'	inc	inc	inc	#DIV/0!	31	39	46	39	3	4	6	4
2h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	6	8	11	8
2h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	35	38	38	37
3h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
3h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
4h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
4h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
5h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
5h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
6h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
Time	Dilutions											
	10 ⁻⁶				10 ⁻⁷				10 ⁻⁸			
	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean
	30'	0	0	0	0	0	0	0	0	0	0	0
1h	0	0	0	0	0	0	0	0	0	0	0	0
1h30'	2	0	0	1	0	0	0	0	0	0	0	0
2h	0	0	0	0	0	0	0	0	0	0	0	0
2h30'	3	5	7	5	0	0	0	0	1	0	0	0
3h	9	10	12	10	1	0	0	0	0	0	0	0
3h30'	18	19	21	19	2	4	0	2	1	0	0	0
4h	23	24	26	24	1	1	7	3	0	0	0	0
4h30'	27	35	42	35	3	5	7	5	2	0	0	1
5h	30	31	32	31	3	4	6	4	1	1	0	1
5h30'	23	29	27	26	1	2	4	2	0	0	0	0
6h	24	24	24	24	5	7	0	4	1	0	0	0

Growth curve												
CFU/mL counting - Microdilution												
Strain	CFT073											
Time	Replicate: 3 - 06/11/2020 (counting: 07/11/2020)											
	Dilutions											
	10 ⁻³				10 ⁻⁴				10 ⁻⁵			
	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean
30'	inc	inc	inc	#DIV/0!	9	11	12	11	1	2	0	1
1h	inc	inc	inc	#DIV/0!	12	19	21	17	3	4	2	3
1h30'	inc	inc	inc	#DIV/0!	20	20	22	21	1	2	4	2
2h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	5	7	9	7
2h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	20	24	26	23
3h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
3h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
4h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
4h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
5h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
5h30'	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
6h	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!	inc	inc	inc	#DIV/0!
Time	Dilutions											
	10 ⁻⁶				10 ⁻⁷				10 ⁻⁸			
	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean	Spot 1	Spot 2	Spot 3	Mean
	30'	0	0	0	0	0	0	0	0	0	0	0
1h	1	0	0	0	0	0	0	0	0	0	0	0
1h30'	1	0	0	0	0	0	0	0	0	0	0	0
2h	1	1	3	2	0	0	0	0	0	0	0	0
2h30'	7	2	2	4	1	0	0	0	1	0	0	0
3h	7	10	11	9	1	3	0	1	0	0	0	0
3h30'	12	13	17	14	1	2	3	2	0	0	0	0
4h	14	22	37	24	1	2	3	2	1	2	0	1
4h30'	22	28	33	28	4	5	5	5	1	0	0	0
5h	34	37	38	36	3	5	6	5	0	0	0	0
5h30'	34	41	44	40	2	3	4	3	1	2	0	1
6h	35	44	50	43	4	5	5	5	1	1	0	1