

S4 Figure 4A and Table 2

(A) Experiment 1

Concentration iota-carrageenan ($\mu\text{g/ml}$)	Viral protein	Viral protein as % of untreated
(untreated) 0 $\mu\text{g/ml}$	1448704,62	100,00
3,75 $\mu\text{g/ml}$	84735,66	5,85
7,5 $\mu\text{g/ml}$	136447,57	9,42
37,5 $\mu\text{g/ml}$	28451,97	1,96
75 $\mu\text{g/ml}$	11669,61	0,81

(B) Experiment 2

Concentration iota-carrageenan ($\mu\text{g/ml}$)	Viral protein	Viral protein as % of untreated
(untreated) 0 $\mu\text{g/ml}$	948996,09	100,00
3,75 $\mu\text{g/ml}$	57691,82	6,08
7,5 $\mu\text{g/ml}$	86764,64	9,14
37,5 $\mu\text{g/ml}$	-44333,55	0,00
75 $\mu\text{g/ml}$	-52459,73	0,00

(C) Experiment 3

Concentration iota-carrageenan ($\mu\text{g/ml}$)	Viral protein	Viral protein as % of untreated
(untreated) 0 $\mu\text{g/ml}$	251259,60	100,00
3,75 $\mu\text{g/ml}$	32152,34	12,80
7,5 $\mu\text{g/ml}$	-28784,99	0,00
37,5 $\mu\text{g/ml}$	20678,12	8,23
75 $\mu\text{g/ml}$	32041,81	12,75

(D) Average of the three independent experiments (%).

Concentration iota-carrageenan ($\mu\text{g/ml}$)	Average % viral protein reduction (N=3)	Standard deviation
(untreated) 0 $\mu\text{g/ml}$	100,00	0
3,75 $\mu\text{g/ml}$	8,24	3,95
7,5 $\mu\text{g/ml}$	6,19	5,36
37,5 $\mu\text{g/ml}$	3,40	4,30
75 $\mu\text{g/ml}$	4,52	7,14

(E) Calculation of IC_{50} and Confidence Interval based on (D)

IC_{50}	Upper 95 % confidence interval	Lower 95 % confidence interval
1,54	2.0259	1,0452

S5 Figure:

The original data of the reduction of SARS-CoV-2 viral protein (NP) by iota-carrageenan related to Figure 4 B (A -D) and Table 2 (E).