

RESULTS

Table 1: Average total virus titre of control glass-slides and C2+ antimicrobial treated glass-slides

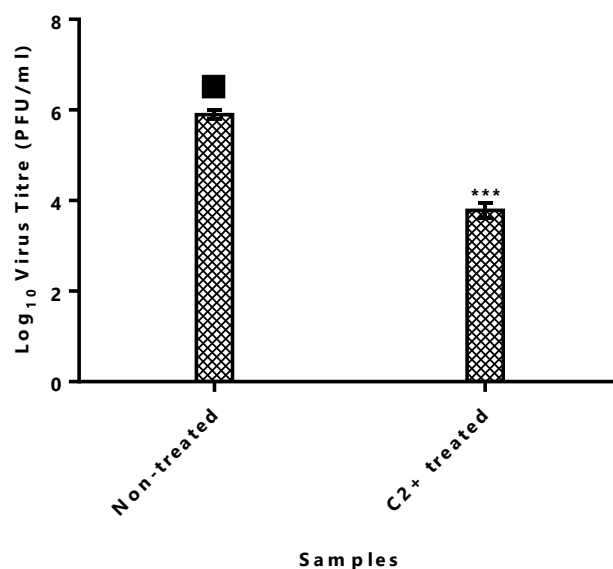
Non-treated Sample 1	Non-treated Sample 2	Non-treated Sample 3	Average
6×10^5 PFU/ml	9×10^5 PFU/ml	9×10^5 PFU/ml	8×10^5 PFU/ml
Treated Sample 1	Treated Sample 2	Treated Sample 3	Average
8×10^3 PFU/ml	7×10^3 PFU/ml	4×10^3 PFU/ml	6.33×10^3 PFU/ml

Total log inhibition: 2.11 PFU/ml

Relative fold reduction: 126.31

Relative percentage fold reduction: 99.21%

Figure 1: According to the results shown below, approximately 2.11-log inhibition was observed upon treatment comparing to the blank (control). The asterisk indicates **p* values <0.05, ***p* values of <0.01 and ****p* values <0.001 by Student's *t* test using GraphPad Prism version 5.00 for Windows, GraphPad Software. Asterisks indicate statistically significant results relative to control group (■).



CONCLUSION:

Based on the data obtained, upon 60 minutes of contact time, 2.11-log inhibition of murine-hepatitis (MHV) was observed on upon treatment with comparing to the non-treated (control).