Drawings

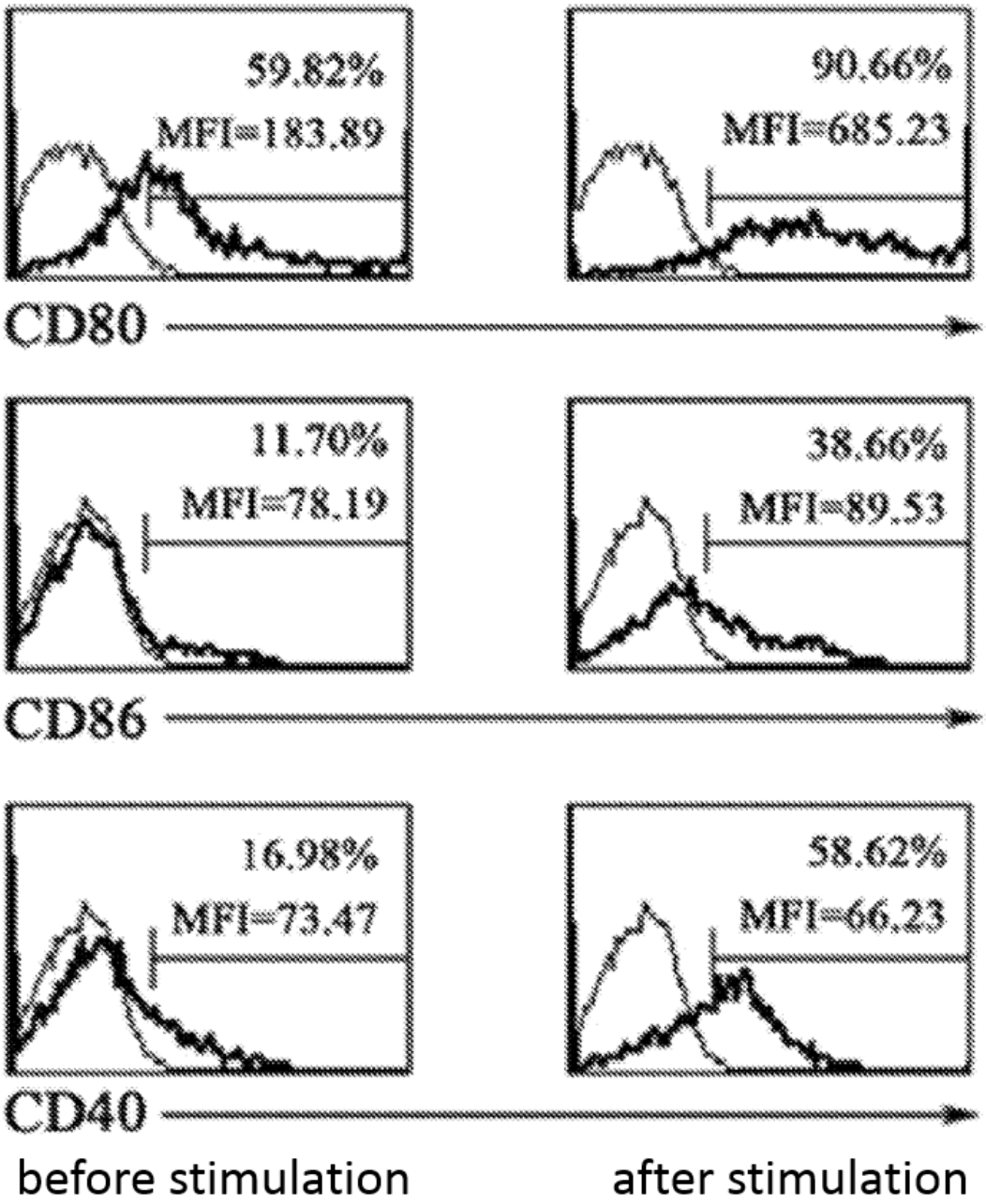


FIG. 1

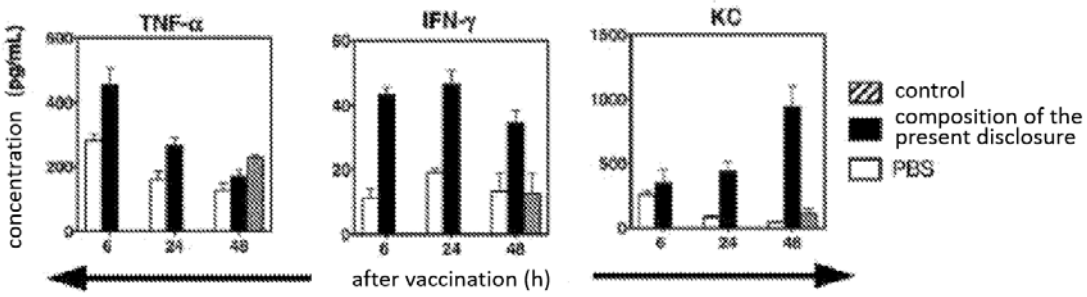


FIG. 2A

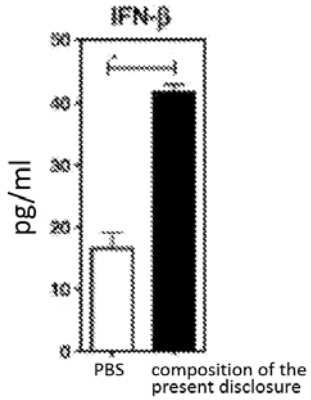


FIG. 2B

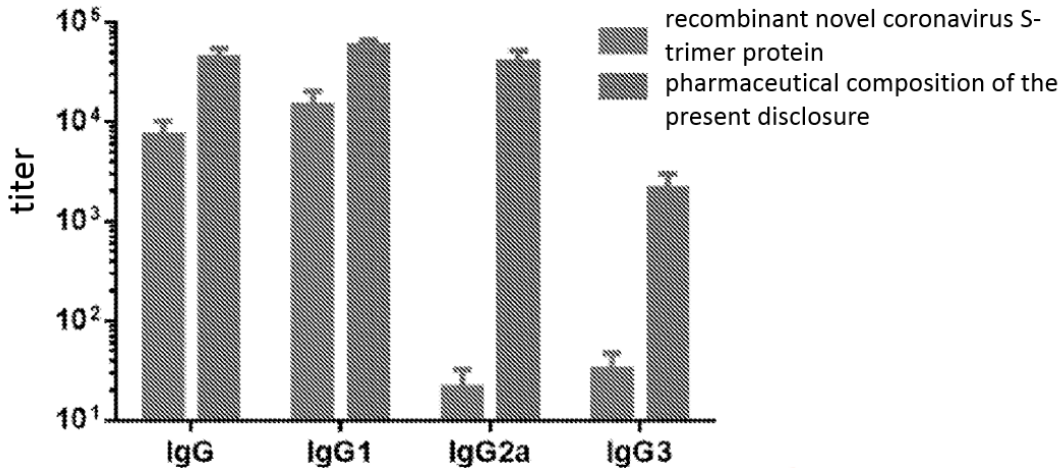


FIG. 3

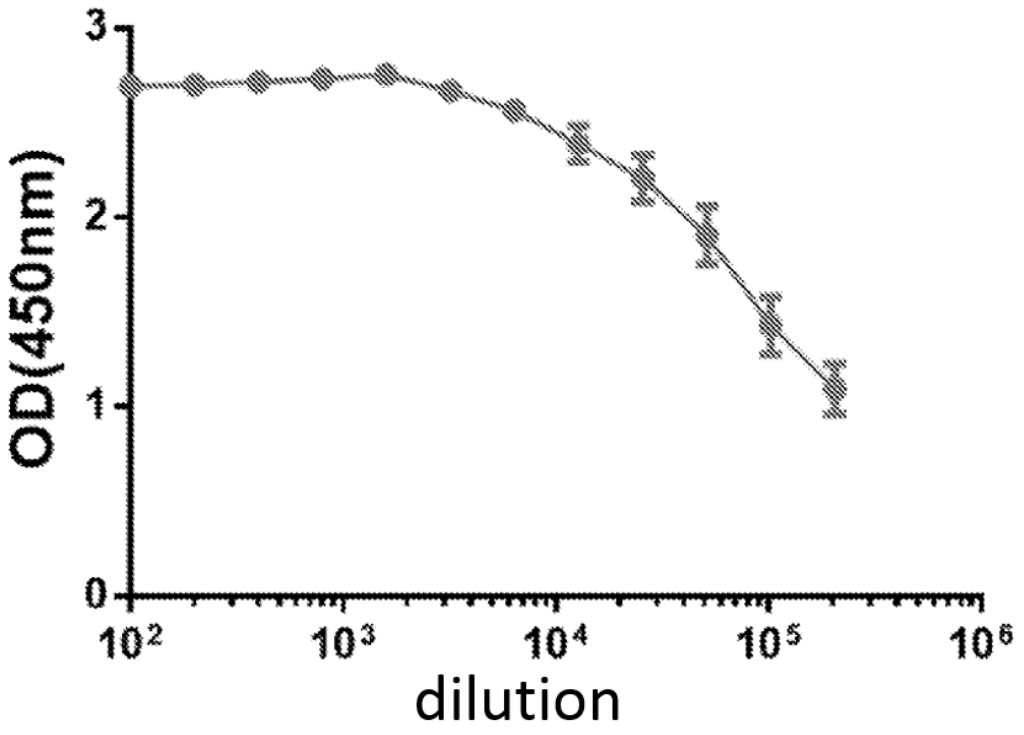

OD(450nm)
3
2
1
0
10^2
10^3
10^4
10^5
10^6
dilution

FIG. 4

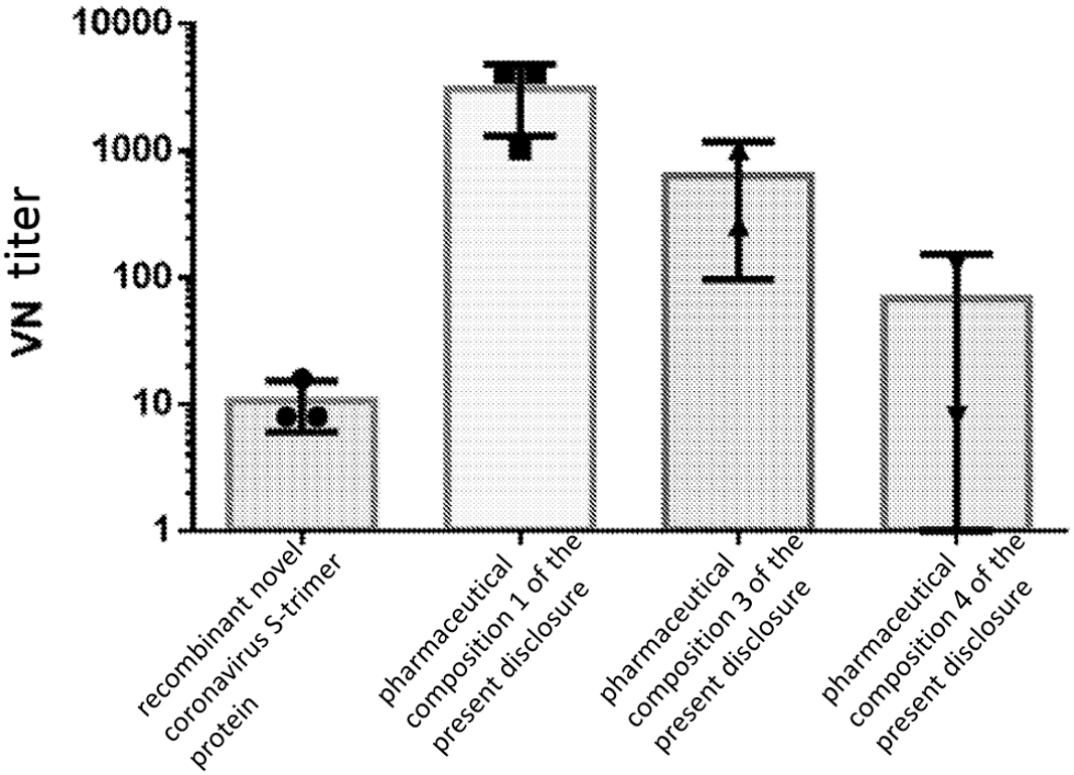

VN titer
10000
1000
100
10
1
recombinant novel coronavirus S-trimer protein
pharmaceutical composition 1 of the present disclosure
pharmaceutical composition 3 of the present disclosure
pharmaceutical composition 4 of the present disclosure

FIG. 5

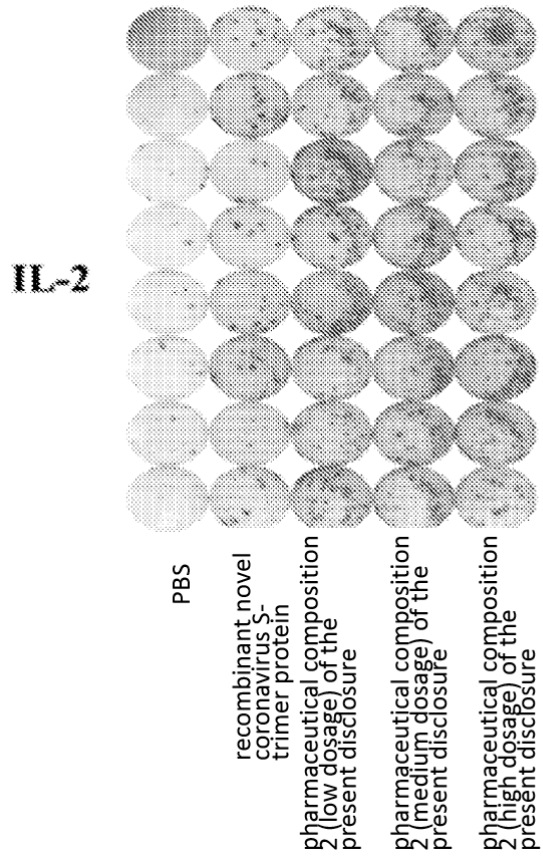

IL-2
PBS
recombinant novel coronavirus S-trimer protein
pharmaceutical composition 2 (low dosage) of the present disclosure
pharmaceutical composition 2 (medium dosage) of the present disclosure
pharmaceutical composition 2 (high dosage) of the present disclosure

FIG. 6A

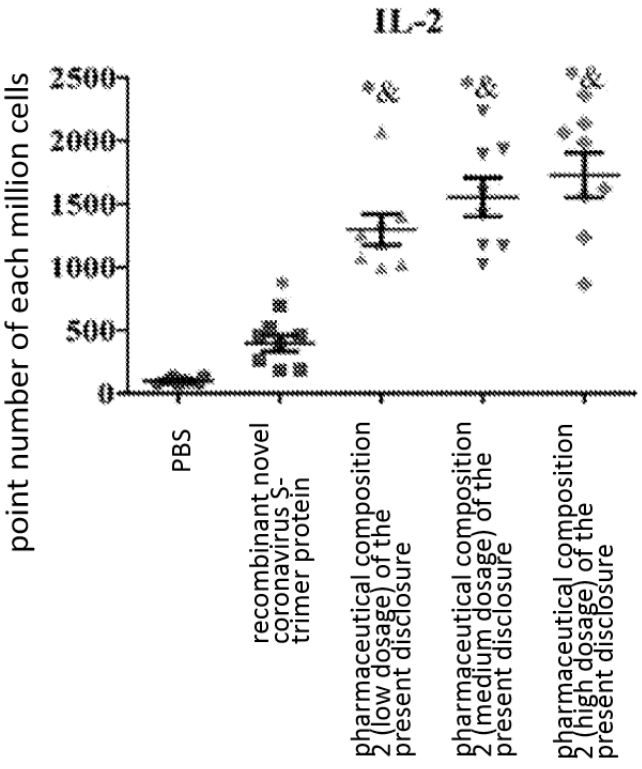

IL-2
point number of each million cells
2500
2000
1500
1000
500
0
PBS
recombinant novel coronavirus S-trimer protein
pharmaceutical composition 2 (low dosage) of the present disclosure
pharmaceutical composition 2 (medium dosage) of the present disclosure
pharmaceutical composition 2 (high dosage) of the present disclosure

FIG. 6B

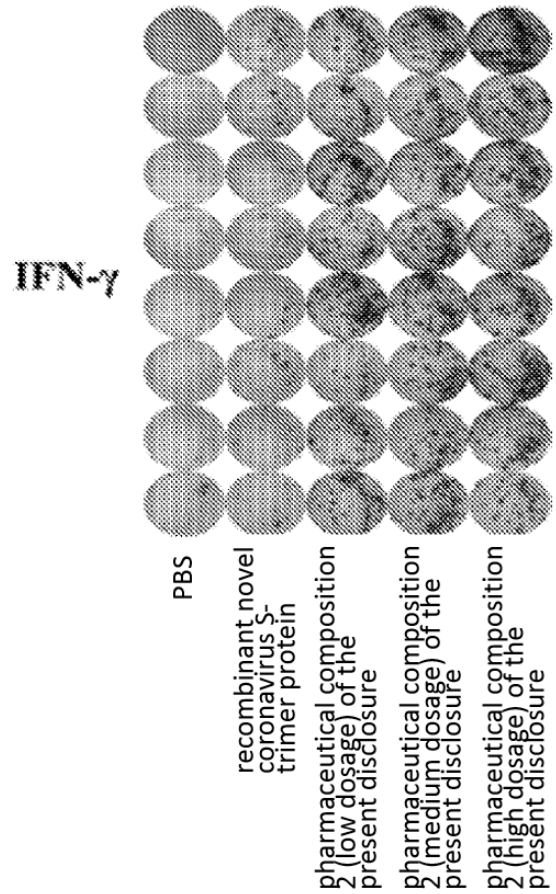

IFN-γ
PBS
recombinant novel coronavirus S-trimer protein
pharmaceutical composition 2 (low dosage) of the present disclosure
pharmaceutical composition 2 (medium dosage) of the present disclosure
pharmaceutical composition 2 (high dosage) of the present disclosure

FIG. 6C

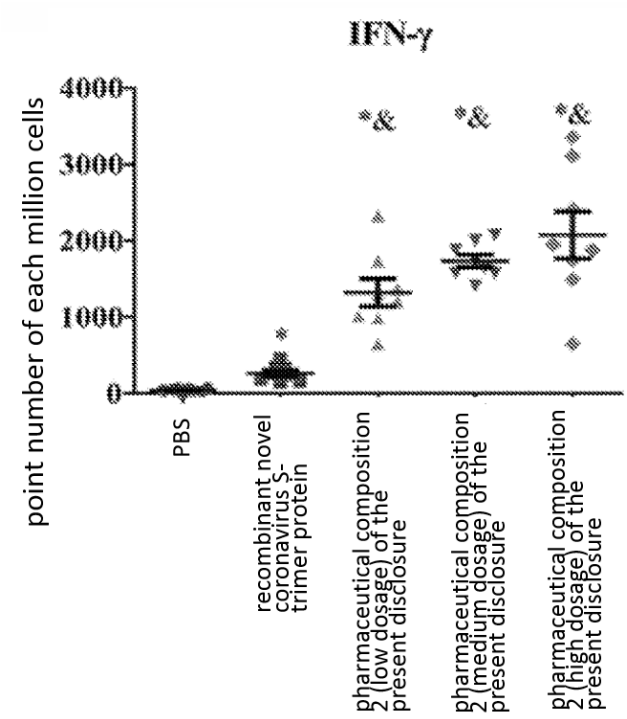

IFN-γ
point number of each million cells
4000
3000
2000
1000
0
*&
PBS
recombinant novel coronavirus S-trimer protein
pharmaceutical composition 2 (low dosage) of the present disclosure
pharmaceutical composition 2 (medium dosage) of the present disclosure
pharmaceutical composition 2 (high dosage) of the present disclosure

FIG. 6D

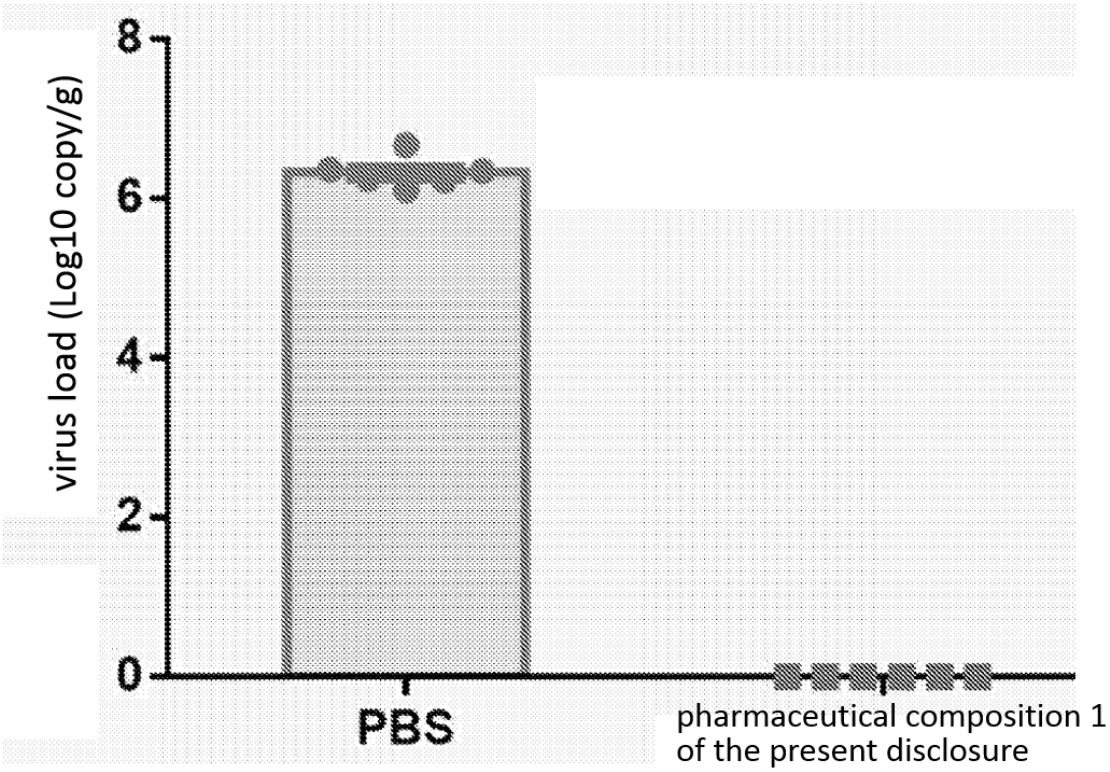

virus load (Log10 copy/g)
8
6
4
2
0
PBS
pharmaceutical composition 1
of the present disclosure

FIG. 7

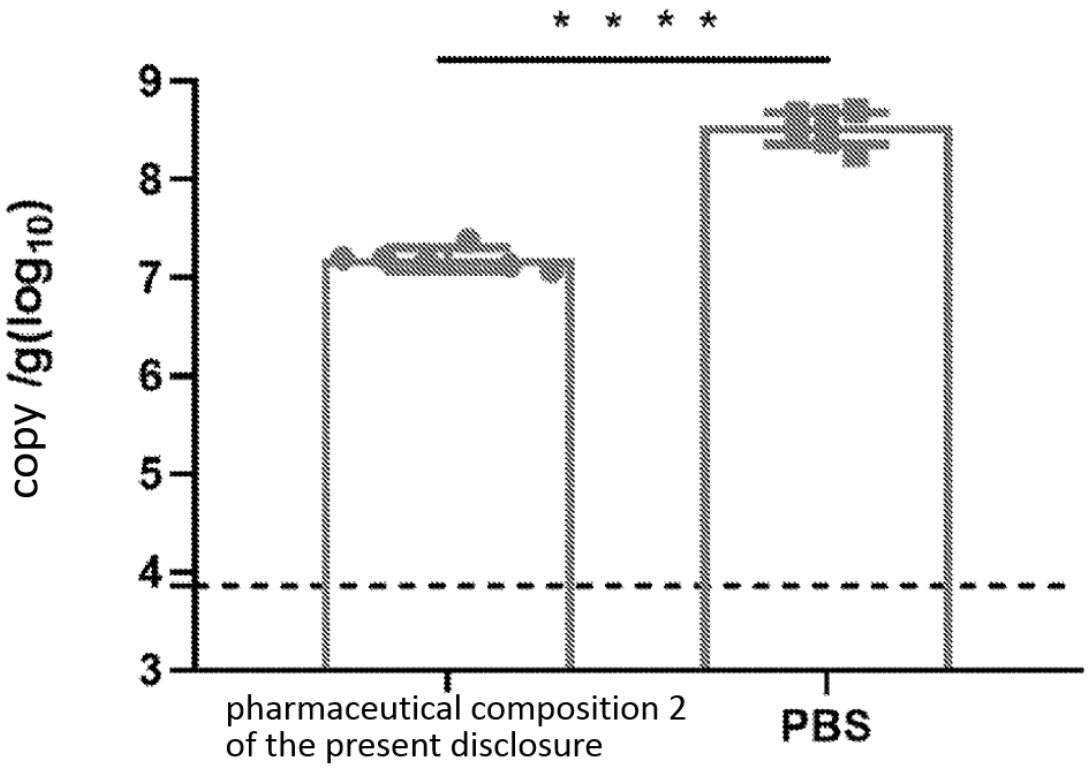

* * * *
copy /g(log10)
9
8
7
6
5
4
3
pharmaceutical composition 2
of the present disclosure
PBS

FIG. 8