7.8 Experiment Report（B）

Experiment : Pseudovirus Packaging and neutralization Test

I. Experimental purpose: Extract the Pseudovirus and prepare for the subsequent neutralization experiment.

II. Experimental procedure:

1. Remove the 293T cells cultured the day before, collect the supernatant and filter it with 0.45 μm filter membrane, and store it at -80°C in portions.
2. Inoculate HEK293F-hACE2-EGFP cells at 1.2×104 in a 96-well plate and culture overnight. The supernatant was discarded and the cells were incubated with 50 μl gradient dilution of detection antibody X or control antibody B38, ACE2Fc and isotype IgG4. at 37°C for 1 h. The same volume of pseudovirus was added.
3. The final concentration of the starting antibody was 20 μg/ml. 100 μl of DMEM containing 10% FBS was used as a negative control, and 50 μl of pseudovirus and the same volume of DMEM was set as a positive control.