

7.7 Experiment Report (B)

Experiment : Preparation Before Neutralization Test

I. Experimental purpose: Prepare cells for subsequent neutralization experiments and design control experiments

II. Experimental procedure:

1. In a 96-well plate, inoculate 1.2×10^4 of HEK293F-hACE2-EGFP cells in each well and culture overnight;
2. Discard the supernatant, and incubate the cells with 50 μ l of the detection antibody X or control antibodies IgG4, B128, and ACE2 that are serially diluted at 37°C for 1 hour, and add the same volume of pseudovirus. The final concentration of the starting antibody is 20 μ g/mL. 100 μ l DMEM containing 10% FBS was used as a negative control, and 50 μ l pseudovirus and the same volume of DMEM were used as a positive control.