TCID 50 protocol

- 1. Put A6 cells in 96well plates at 5000cells/well in ASF +10% FCS (100ul total) for about 2 days.
- 2. In a separate V bottom 96 well plate, do dilutions of virus:
 A. 1:25- Add 8ul of virus in 192ul of ASF-A6 or ASF
 B. 1:50- Add 60ul of 1:25 in 60ul ASF-A6 or ASF
 C. 1:500- Add 12ul of 1:50 in 108ul ASF-A6 or ASF
 D. 1:5000- Add 12ul of 1:500 in 108ul media and so on until dilution
 H. 5x10⁷
 *Note: Make sure you resuspend the wells very well before going to the next dilution!!
- 3. Transfer 100ul of each dilution to the plate with A6 to make a total of 200ul per well.
 *Remember to leave columns 1 and 2 without virus, these are the control.
- 4. Leave in incubator at 37C with CO2 for approx. 5 days.
- 5. Check daily.

TCID 50 Calculation

Example