20200604 nCoV NP limiting dilution

* Positive control:

Anti-NP sera 1:1000

* Negative control:

Culture medium

* Plate layout:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 1A7  A4 | 1A7  G6 | 1A7  G8 | 1A7  H1 | 1A7  H6 | 2A4  A8 | 2A4  A9 | 2A4  B8 | 2A4  C5 | 2A4  D5 | 2A4  E1 | 2A4  E7 |
| B | 2A4  E9 | 2A4  G7 | 2A4  G8 | 2A4  G9 | 2A4  H7 | 5A7  A1 | 5A7  A7 | 5A7  F2 | 5A7  H1 | 5A7  H2 | 6C3  G2 | 6C4  C5 |
| C | 6C4  G4 | positive | negative |  |  |  |  |  |  |  |  |  |
| D |  |  |  |  |  |  |  |  |  |  |  |  |
| E |  |  |  |  |  |  |  |  |  |  |  |  |
| F |  |  |  |  |  |  |  |  |  |  |  |  |
| G |  |  |  |  |  |  |  |  |  |  |  |  |
| H |  |  |  |  |  |  |  |  |  |  |  |  |

* Result:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 1.507 | 1.199 | 2.037 | 0.667 | 1.32 | 1.55 | 1.801 | 2.251 | 2.462 | 1.464 | 1.871 | 2.566 |
| B | 2.687 | 1.887 | 2.724 | 2.591 | 1.802 | 0.025 | 0.027 | 0.023 | 0.028 | 0.04 | 3.491 | 0.064 |
| C | 0.046 | 3.626 | 0.024 | 0.006 | 0.005 | 0.005 | 0.006 | 0.005 | 0.006 | 0.006 | 0.004 | 0.007 |
| D | 0.004 | 0.005 | 0.004 | 0.006 | 0.007 | 0.006 | 0.008 | 0.01 | 0.007 | 0.005 | 0.007 | 0.002 |
| E | 0.003 | 0.004 | 0.001 | 0.004 | 0.006 | 0.003 | 0.002 | 0.005 | 0.004 | 0.003 | 0.005 | 0.003 |
| F | 0.001 | 0 | 0.002 | 0 | 0.001 | 0.004 | 0.004 | 0.004 | 0.003 | 0.007 | 0.005 | 0.002 |
| G | 0.003 | 0.005 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.006 | 0.006 | 0.008 | 0.003 | 0.003 |
| H | 0 | 0.003 | 0.001 | 0.001 | 0.002 | 0.002 | 0.005 | 0.004 | 0.003 | 0.004 | 0.002 | 0.001 |